

PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR
Choice Based Credit System (CBCS), (w.e.f. June-2021)

Syllabus for B. C. A. – Part III (Science)

Name and Type of the Paper		Title of Paper	Hrs/Wee		Total Marks per paper	UA	CA	Credits
Type	Name		L	P				
B. C. A. – III Semester V								
English (Business English)	English (Business English)		4	-	50	40	10	2.0
DSE 1 A	Paper IX	Core Java	4	-	100	80	20	4.0
DSE 2 A	Paper X	Visual Programming	4	-	100	80	20	4.0
DSE 3 A	Paper XI	Computer Graphics	4	-	100	80	20	4.0
DSE 4 A	Paper XII	Recent Trends in IT	4	-	100	80	20	4.0
SEC 3	Paper XIII	Linux and Shell Programming	4	-	100	80	20	4.0
	Total (Theory)		24	-	550	440	110	22.0
B. C. A. – III Semester VI								
English (Business English)	English (Business English)		4	-	50	40	10	2.0
DSE 1 B	Paper XIV	Advanced Java	4	-	100	80	20	4.0
DSE 2 B	Paper XV	Dot Net Technology	4	-	100	80	20	4.0
DSE 3 B	Paper XVI	Data Warehouse and Data Mining	4	-	100	80	20	4.0
DSE 4 B	Paper XVII	Cryptography and Network Security	4	-	100	80	20	4.0
SEC 4	Paper XVIII	Advanced Python	4	-	100	80	20	4.0
	Total (Theory)		24	-	550	440	110	22.0
Practical								
DSE 1A &1B	Practical IV	Practical On Core Java and Advance Java	-	5	100	80	20	4.0
DSE 1A &1B	Practical V	Practical on Visual Programming and .Net Technology	-	5	100	80	20	4.0
DSE 1A &1B	Practical VI	Practical on Computer Graphics And DM & DW	-	5	100	80	20	4.0
DSE 1A &1B	Practical VII	Practical on SEC 3 and 4	-	5	100	30	0	4.0
		Project	-			50	20	
	Total (Practicals)		-	20	400	320	80	16
Grand Total			48	20	1500	1200	300	60



Principal
 New Satara College of B.C.A.
 Pandharpur.

TY	VI	BCA 601	Advanced Java		1	4	5		Lecture	Theory	100	40	70	28	30	12				
TY	VI	BCA 602	Dot Net Technology		1	4	5		Lecture	Theory	100	40	70	28	30	12				
TY	VI	BCA 603	Recent Trends in IT		1	4	5		Lecture	Theory	100	40	70	28	30	12				
TY	VI	BCA 604-A	Cryptography and Network Security		2	4	5		Lecture	Theory	100	40	70	28	30	12				
TY	VI	BCA 604-B	System Programming		2	4	5		Lecture	Theory	100	40	70	28	30	12				
TY	VI	BCA 605	Lab 6 Based on 601, 602		1	4	8		Laboratory	Practical	100	40	70	28	30	12	70	28	30	12
TY	VI	BCA 606	Major Project Work based on any programming language in syllabus		1	4	8		Laboratory	Project	100	40	70	28	30	12	70	28	30	12




Principal
 New Satara College of B.C.A.
 Pandharpur,

Third Year BCA (Under Science)

Semester- VI

Course Code: BCA 606

Course Title: Major Project Work

Internal Assessment: 30

External Assessment: 70

Instructions: Team size for major project not exceed than two students.



Principal
New Satara College of B.C.A.
Pandharpur.

A
PROJECT REPORT

ON

“MOBILE SHOP MANAGEMENT SYSTEM”

SUBMITTED TO

P.A.H. SOLAPUR UNIVERSITY, SOLAPUR

FOR THE FULLFILMENT OF AN AWARD OF
BACHELOR OF COMPUTER APPLICATION

SUBMITTED BY

MR.PAKHARE SHUBHAM AAPPARAO

MR.RANJANE ABHIJEET MANSING

UNDER THE GUIDANCE OF

Prof. MR SONULE A.P.

THROUGH
NEW SATARA COLLEGE OF B.C.A, PANDHARPUR



पुण्यश्लोक अहिल्यादेवी होळकर
सोलापूर विद्यापीठ

॥ विद्यया संपन्नता ॥

2022-2023

Mobile Shop Management System

Pandharpur- 413304, MOB-9890555505

Date: 5/6/2023

This is to certify that the following students,

Mr. Pakhare Shubham Apparao


& Mr. Ranjane Abhijeet Mansing

Has completed the project titled as "Mobile shop Management System" for our nursery satisfactorily for the fulfillment of the requirements for "Bachelor of Computer Application",

Solapur University, solapur during the academic year 2022- 2023.



Head of Department
(Mobile Shop System, Pandharpur)


शे. मरवडेकर शाँपी
नधी पेठ, पंढरपूर

CERTIFICATE

I Certified that project work report titled **“MOBILE SHOP MANAGEMENT SYSTEM.”** has been completed satisfactorily in partial fulfillment of **B.C.A** course of the P.A.H.SOLAPUR UNIVERSITY, SOLAPUR for the Academic year 2022- 2023 by the following Student of New Satara College of B.C.A, Pandharpur.

Place: Pandharpur


Date:



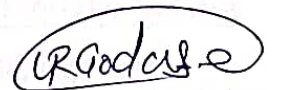
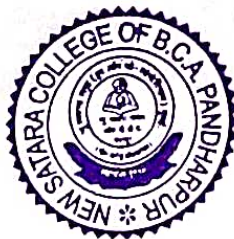
Head of Department
(New Satara College of B.C.A, Pandharpur)



Checked by



External Examiner



Internal Examiner

DECLARATION

We undersigned declared hereby that the project entitled "**MOBILE SHOP MANAGEMENT SYSTEM**" developed in "**C#.net& Microsoft SQL**" submitted by us is an original work. The project presented is developed by us independently and is not duplication from any other source. We understand that there is any copying such is liable to be punished in any way the University authorities deem it.

The work is here by submitted to P.A.H.Solapur University, Solapur for the Degree Bachelor of Computer Application

Place: Pandharpur

Date :

Mr. Pakhare Shubham Aapparao

Mr. RANJANE ABHIJEET MANSING

ACKNOWLEDGEMENT

We sincerely thank to all who's blessing and good wishes have enabled us to complete the task of "**MOBILE SHOP MANAGEMENT SYSTEM**". We would like to thanks Prof.Tathe P.B. for their constant encouragement and invaluable guidance in completing the project.

We express our profound thanks to our project guide and project in charge Prof. Sonule A.P. and also Thanks to all those who have indirectly guided and helped us in preparation of this project.

Mr. Pakhare Shubham Aapparao

Mr. RANJANE ABHIJEET MANSING

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1. EXISTING SYSTEM DETAILS

There is no computerized system available. All the work is done manually.

2. PROBLEMS IN EXISTING SYSTEM

- The existing system is manual, it is time consuming.
 - There are lots of reservation notes which are carried out existing system.
 - Some reservation notes are not properly as there is more wastage in finding this record. Some time financial data loss may be possible.
 - There are many errors in billing, which is time consuming.
 - The maintenance of master in manual is confusing.
- The need for computerization was felt on following points

1. EXISTING SYSTEM DETAILS

There is no computerized system available. All the work is done manually.

2. PROBLEM IN EXIATING SYSTEM

- The existing system is completely manual, it is time consuming
 - There are lots of paper work calculation notebooks are carried out existing system
 - Sometimes information of data is not stored properly as there is time wastage for finding this record. Some time Financial data loss may be possible
 - There are many entries in billing, which is time consuming.
 - The maintenance of master in manual is confusing.
- The need for computerization was felt on following points

3. NEED FOR COMPUTERIZATION

- Maintaining data becomes tedious & when done manually.
- All transaction entries are made every day. Maintain these entries are time consuming
- Redundancy of data is to be avoided
- The data being vital to all departments needs Appropriate safety & security
- The generation of report is time consuming. Hence, the bulk of information is very Huge and difficult to Maintain manually. To overcome above draw back backup computer system may help much better and also task done on computer are optimized task .It reduces manual efforts and also storage is not openly like file stored in self. Instead that storage is on the hard disk for building full data in it.

1. PROPOSED SYSTEM

1. Objectives of proposed system.

2. Proposed hardware & software platform.

- Proposed Hardware.

- Proposed Software.

Proposed System

3. Scope of Proposed System.

4. Input to the system.

5. Output from proposed system.

1. PROPOSED SYSTEM

1. Objectives of proposed system.

2. Proposed hardware & software platform.

- Proposed Hardware.
- Proposed Software.
- Justification.

2. Feasibility Study

- Technical Feasibility
- Operational Feasibility
- Economic Feasibility

3. Scope of Proposed System.

4. Input to the system.

5. Output from proposed system.

OBJECTIVES OF PROPOSED SYSTEM

1. Overcome the problem arrived in the existing system
2. To generate error free report.
3. Provide the facility like adding record.
4. Consumer time and effort of daily employee.
5. Avoiding daily employee from corruption.
6. It should provide outputs with maximum accuracy.
7. It should bring flexibility while working with the system
8. To provide the facility like adding, removing & changing the record.
9. To provide various report's at fingerer tips user.

HARDWARE AND SOFTWARE PLATFORMS

1. Proposed Hardware Platforms-

- Processor Dual Core / Core i3 /Core i5
- 500 GB Hard Disk
- 8GB Ram
- LED / LCD Color monitor

2. Proposed Software Platforms-

- Windows 10 /11
- C# .Net
- MS SQL

Feasibility Study

Prior to system development through a study of system is carried out which involves following steps:

1. Identification of organization or user needs.
2. Identification of how different tasks were carried out.
3. Providing technical feasibility of the proposed system.

Feasibility study has three steps:

1. Technical feasibility
2. Operational feasibility
3. Economic feasibility

Feasibility Study

Technical Feasibility:

This part of the study always comes first. It is concerned with the hardware requirements of proposed system.

1. System developed in VB6 can be installed on PC.

2. The system is easy to study. Data entry generation is easy.

3. Backup and restore being user friendly, data entry and report generation is easy.

Operational Feasibility:

In operational part of the feasibility study, it is determined that the system will have the ability to perform the operations required by within its current personnel & existing processors program parts is required for the end user.

Economic Feasibility:

In operational part of the feasibility study, it is determined that the system will have the ability to perform the operations required by within its current personnel & existing processors program parts is required for the end user.

Feasibility Study

Prior to system development through a study of system is carried out which involves following steps.

1. Identification of organization or user needs.
2. Identification of how different tasks were carried out.
3. Providing technical feasibility of the proposed system.

Feasibility study has three steps:

1. **Technical feasibility**
2. **Operational feasibility**
3. **Economic feasibility**

Technical Feasibility:

This aspect is always considered to at least important issue. The hardware requirement to support the system is readily available.

1. System is developed by Microsoft visual studio 2010.
2. The system is being friendly, data entry generation is easy.
3. Backup and restore being user friendly, data entry and report generation is easy.

Operational Feasibility:

In operational part of the feasibility study, it was determine that the system wills the able to perform the designation function within its current personals & existing processors programmers as required for the end user.

Economical Feasibility:

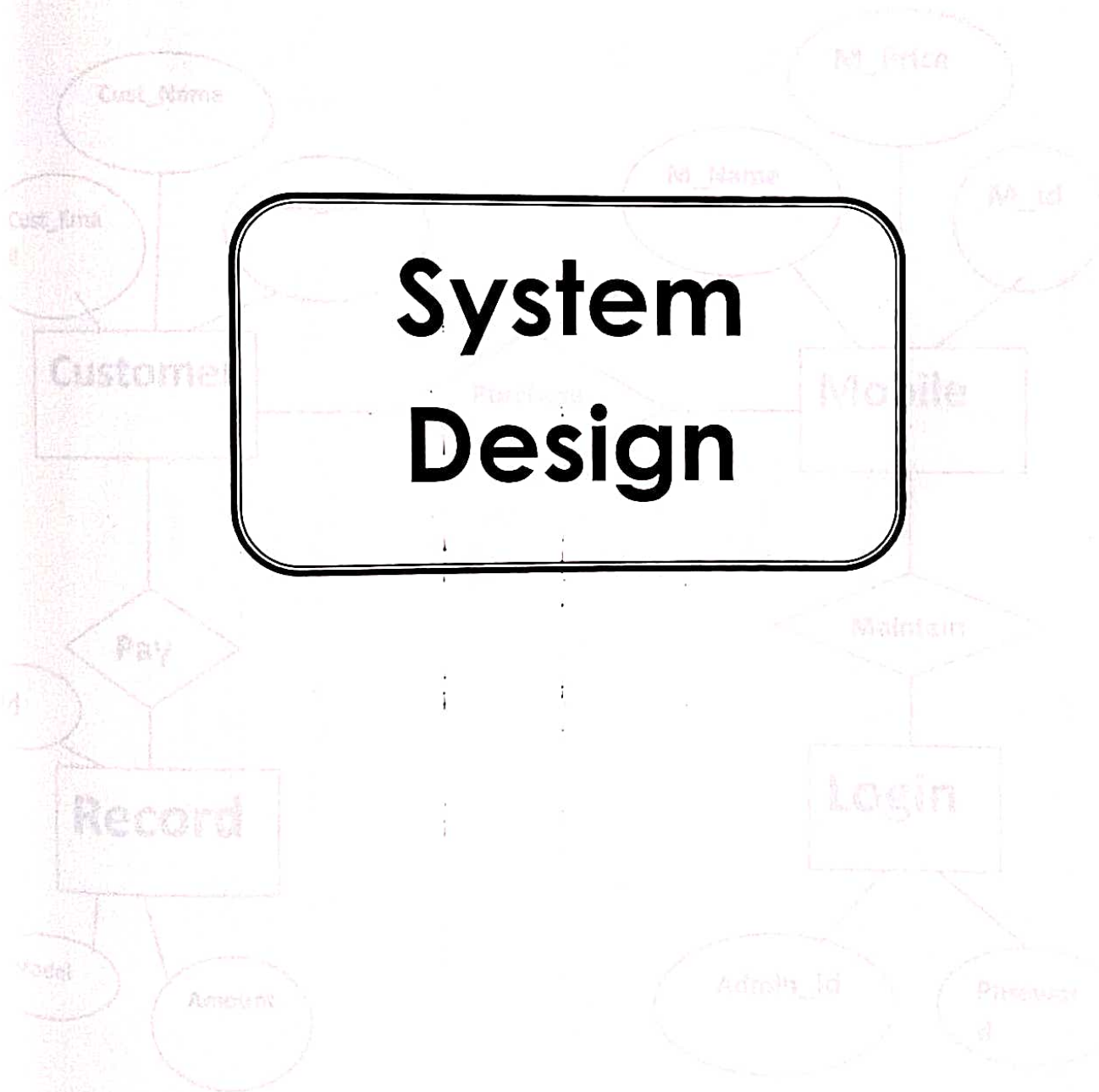
In operational part of the feasibility study, it was determine that the systems will the able to perform the designation function within its current personals & existing processors programmers as required for the end user.

SCOPE OF PROPOSED SYSTEM

1. All expected reports are generated.
2. Any future up gradation in the system is possible.
3. The system have user friendly environment.
4. All transactions are maintained up to date.
5. Numbers of queries are used.
6. Stock handled with proper validations.
7. Proper validations are applied (for ex. The quantity field takes only number data).

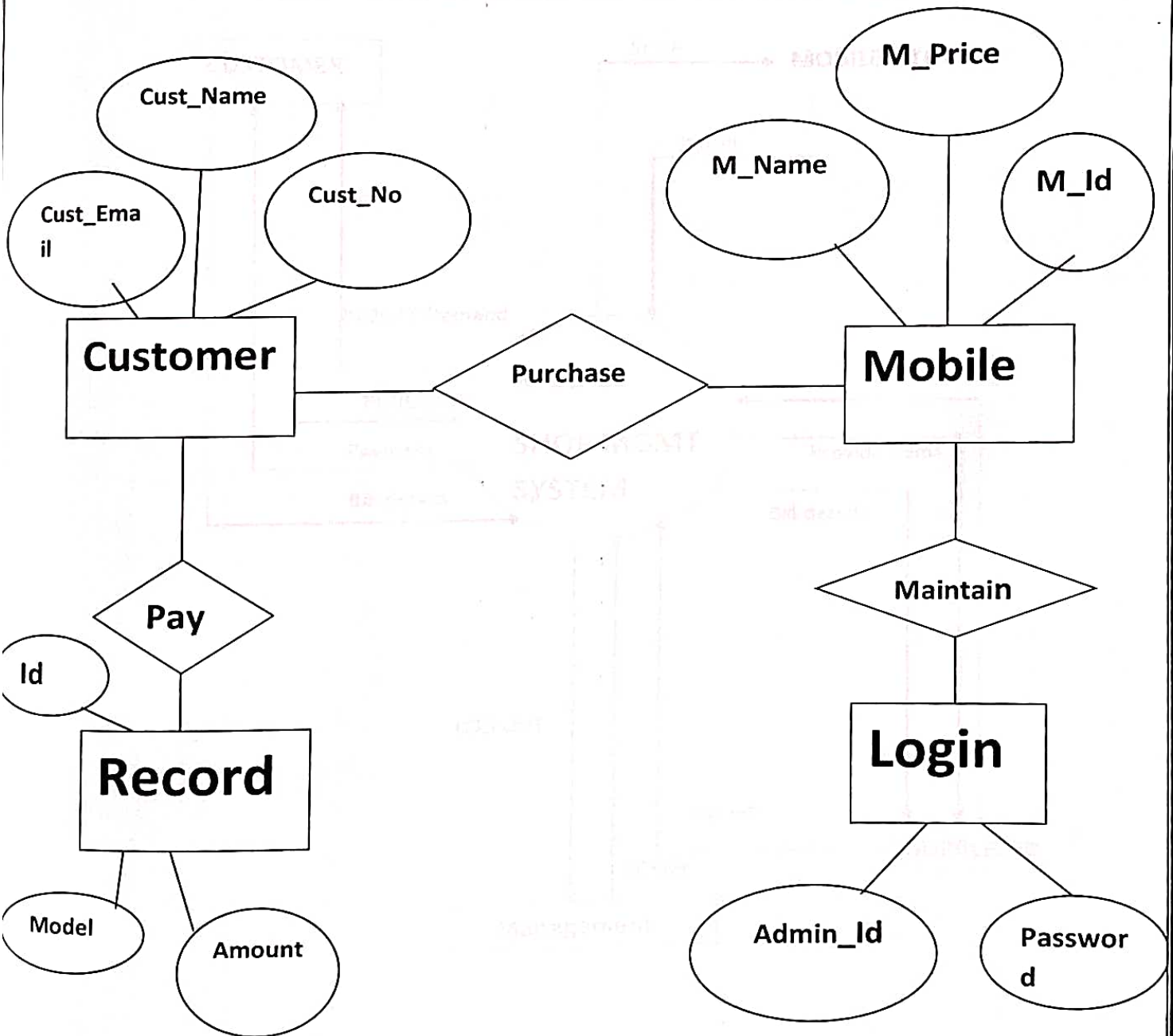
Entity Relationship Diagram

System Design

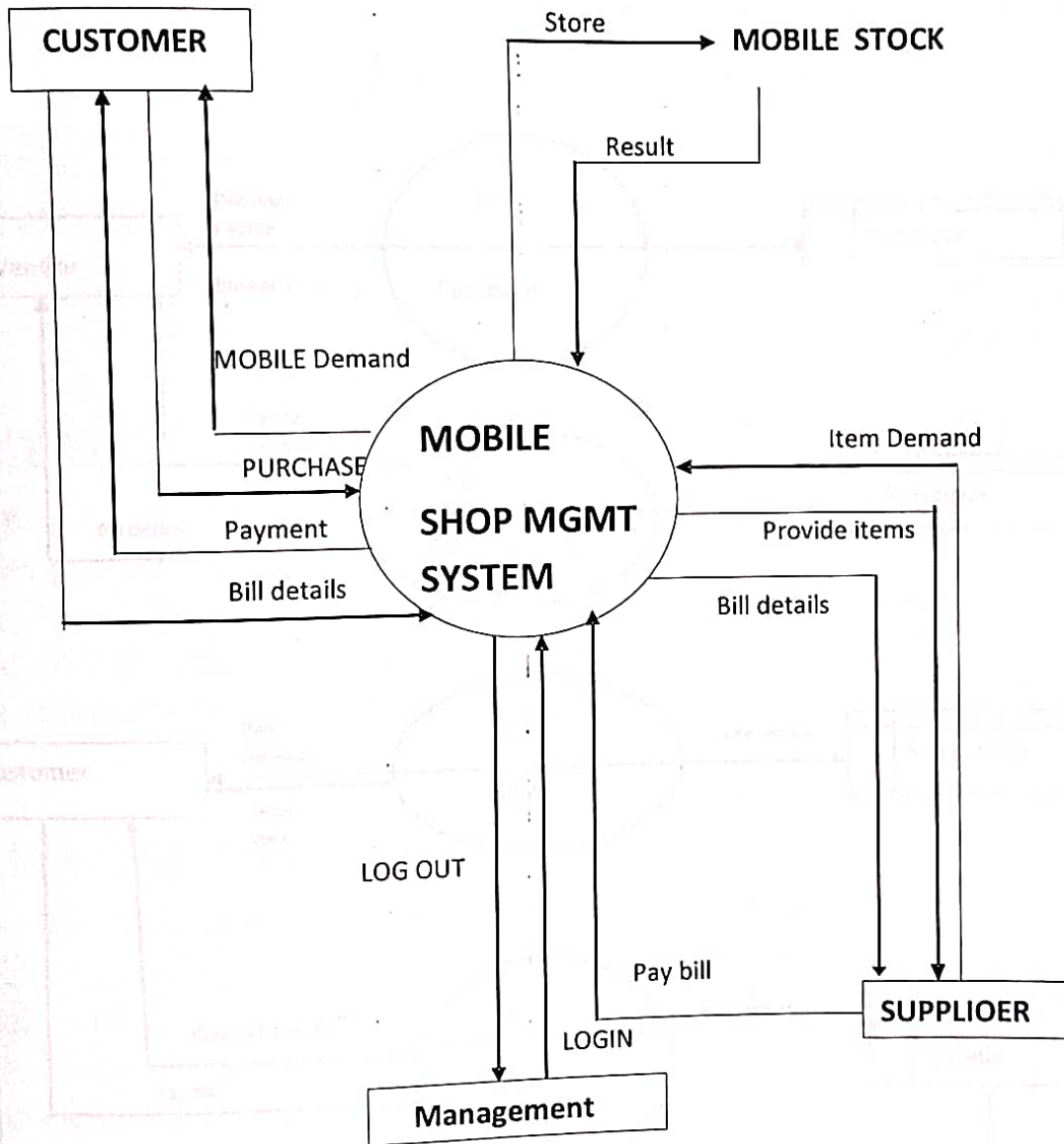


Entity Relationship Diagram

Context Level Diagram

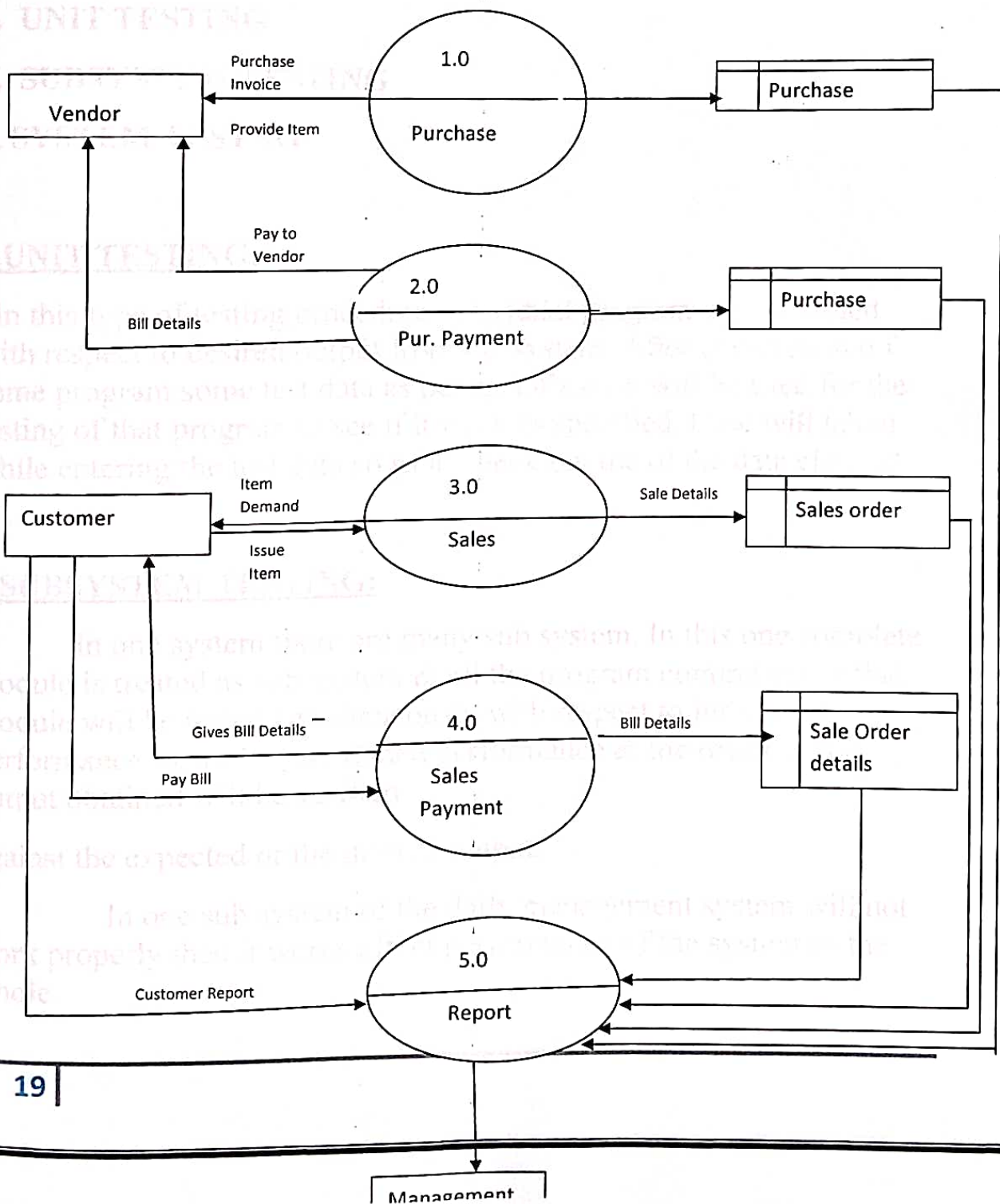


Context Level Diagram



TESTING PROCEDURE

FIRST LEVEL DFD



TESTING PROCEDURE

A common view of testing held by user is that it is performed to prove that there is no error in the program. A proper testing & implementation plan is necessary for the success of the system implementation. System testing is critical process which has to be done by every system developer in order to test the program error may occur due to incorrect programming or simply omission in the original design.

The testing plan suggested for the **“MOBILE SHOP MANAGEMENT SYSTEM”**. Is described in details. The strategies are as follows.

1. UNIT TESTING
2. SUBSYSTEM TESTING
3. SYSTEM TESTING

1. UNIT TESTING:

In this type of testing procedure individual program will be tested with respect to desired output from the system. After completion of some program some test data as per specification will be used for the testing of that program to see if it work as specified. Case will taken while entering the test data so as to check out the of the data element.

2 SUBSYSTEM TESTING:

In one system there are many sub system. In this one complete module is treated as sub system & all the program coming under that module will be tested simultaneously with respect to individual performance as well as combined performance & the result or the output obtained will be verified

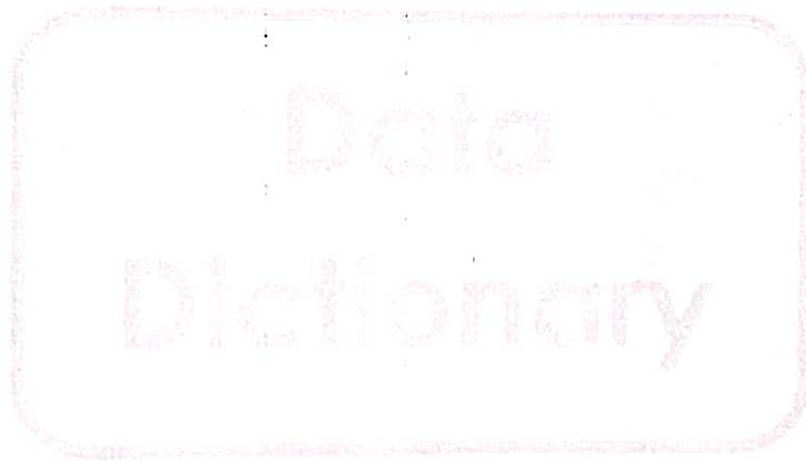
against the expected or the desired output.

In one sub system of the daily management system will not work properly then it works affect performance of the system as the whole.

3 SYSTEM TESTING:

After completion of subsystem testing all the interconnected Subsystem will be tested under this testing procedure. The system will be as whole & not in terms of single module testing or in terms of Individual program testing .This procedure will test the integrity of the data while it transfer one process to another.

For testing purpose necessary test data as per specification is entered & whole system will be tested.



Data Dictionary

TABLE DESIGN

ItemTable

Sr.No	Field Name	Data Type
1	Item_id	Number
2	Company_name	Text
3	Itemname	Text
4	Category	Text
5	Model_detail	Text
6	Mfg	Text
7	Warrenty	Text

Stock Details

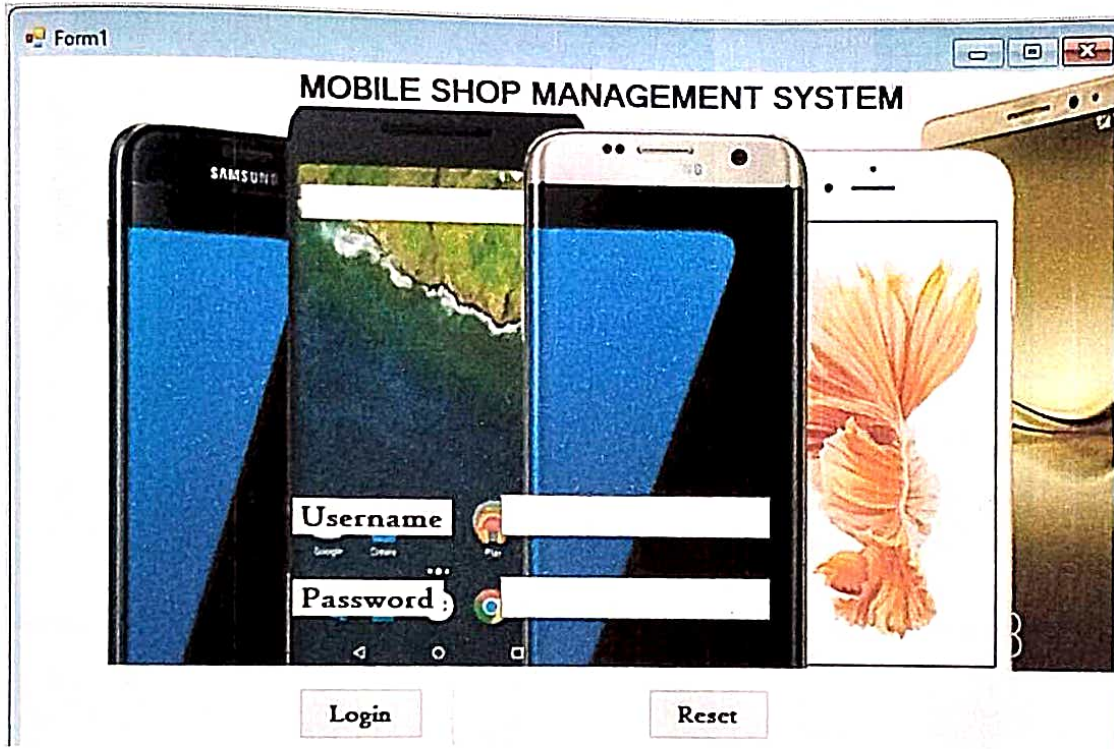
Sr.No	Field Name	Data Type
1	Stk_id	Number
2	Date	Text
3	Company_name	Text
4	Item	Text
5	Category	Text
6	Total	Text
7	Total_sold	Text
8	Ava_stk	Text

CustM Table

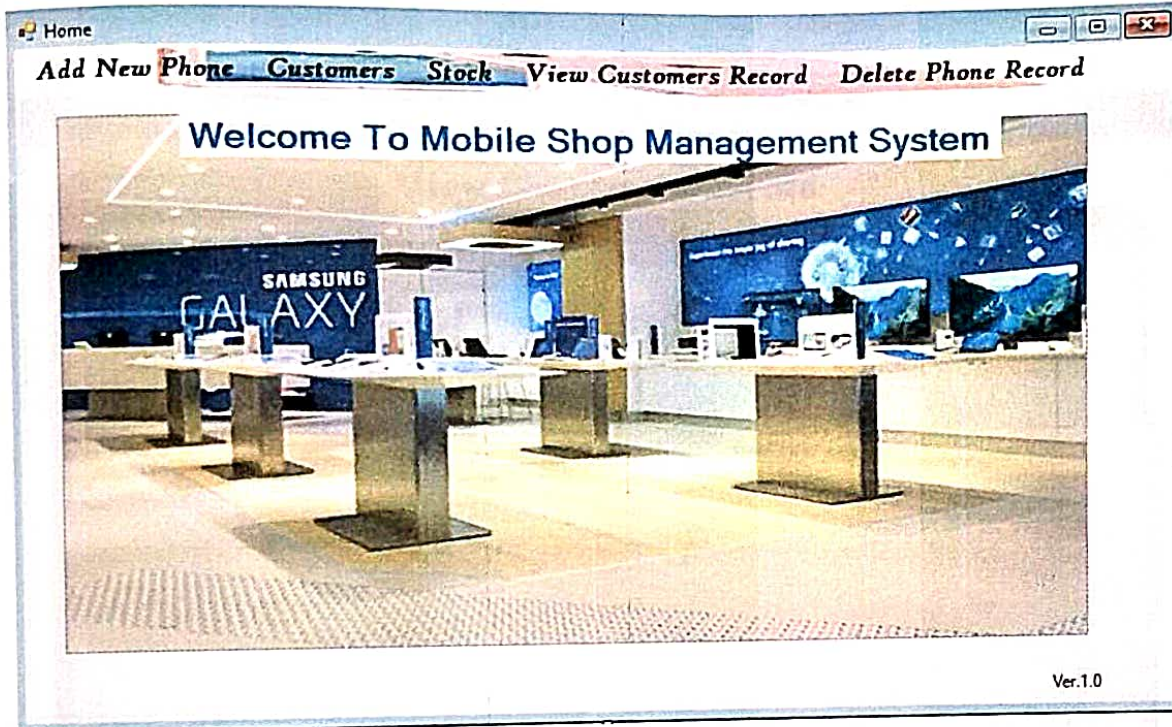
Sr.No	Field Name	Data Type
1	ID	Text
2	Cname	Text
3	Adrs	Text
4	Phno	Text

Output Screen

Login Page



HOME PAGE



View Customers Record

Form2

View Customers Record

Customer Name

cust_id	name	mobile	address	model	price	number

Customer

The screenshot shows a mobile application window titled "Customers" with a standard Android-style title bar (minimize, maximize, close buttons). The main content area features a form for adding a new customer. On the left, there is a smartphone mockup displaying a lock screen with the time 9:41 and the date Tuesday, September 12. The form fields are labeled as follows:

- Customer Name
- Mobile No
- Address
- Model Name
- Price
- Number

At the bottom of the form, there are two green buttons labeled "Save" and "Reset". To the right of the form, there is another smartphone mockup displaying a colorful geometric pattern.

Delete Phone Record

The screenshot shows a software application window titled "DeletePhoneRecord". The window contains a graphical user interface for deleting phone records. On the left, there is a smartphone image displaying the time "9:41" and the date "Tuesday, September 12". To the right of the phone image is a "Phone Id" input field. Below the input field is a red "Delete" button. At the bottom of the window, there is a table with the following columns: phone_id, model, ram, istorage, estorage, display, rearc, and frc. The table is currently empty.

phone_id	model	ram	istorage	estorage	display	rearc	frc

Insert New Phone Record

NewPhone

Insert New Phone Records

Model Name	<input type="text"/>	Rear Camera	--Select--
RAM	--Select--	Front Camera	--Select--
Internal Storage	--Select--	Fingerprint sensor	--Select--
Expandable Memory	--Select--	Sim Type	--Select--
Display	--Select--	Network Type	--Select--
Price	<input type="text"/>		
	<input type="button" value="Save"/>	<input type="button" value="Reset"/>	

Search Phone Record

The screenshot shows a web browser window titled "SearchPhoneRecord". The page content includes a background image of a smartphone. Overlaid on the image is a search form with a text input field labeled "Phone Id" and a "Search" button. Below the form is a table with the following headers: phone_id, model, ram, istorage, estorage, display, rearc, and frd. The table body is currently empty.

phone_id	model	ram	istorage	estorage	display	rearc	frd

CONSTRAINTS & LIMITATIONS OF PROPOSED SYSTEM

CONSTRAINTS:

1. The point of view of the user is not taken into account.
 2. The system is not user friendly.
 3. The system is not secure.
 4. The system is not reliable.
 5. The system is not able to handle large data.
- every day

Constraints & Limitation

S

Limitation:

1. As there is restriction on the number of users who can use the computer.
2. Skilled person is required to use the system.
3. In this system, we can only operate in a well-structured manner.

CONSTRAINTS & LIMITATIONS OF PROPOSED SYSTEM

CONSTRAINTS:

1. The proposed “**MOBILE SHOP MANAGEMENT SYSTEM**” system is interactive & less time consumable.
2. The system gives result accurate & faster than the manual System.
3. The proposed system gives various reports about system tools.
4. The system is suitable for any organizational store.
5. The system is able to show reordered level, so not necessary to check stock every day

Limitation:

1. As there is requirement of computer, the organization should have the computer
2. Skilled person is required in organization
3. In this system we cannot update latest information

Conclusion:

For the development of this report and completion of it we have referred the following sources:

By all discussion we can conclude that computerized system developed by me is very useful for the organization. Computerized system reduced lots of paper work. The data can be stored in computer memory and we can take hard copies of data when we want.

The other thing is that by making some changes this software can be used for other organizational store.

BIBLIOGRAPHY

For the completion of this system and documentation we have referred the following book& websites

1. MICROSOFT VISUAL STUDIO C#.NET—RAJENDRA

SALOKHE

2. A COMPLETE REFERENCE OF C#.NET

3. www.stackoverflow.com

4. www.google.com

5. www.codeproject.com

000A

PROJECT REPORT ON
“PHOTOSHO MANGEMENT SYSTEM”

SUBMITTED TO

PUNYSHLOK AHILYADEVJI HOLKARSOLAPUR
UNIVERSITY, SOLAPUR

FOR THE FULL FILMENT OF AN AWARD OF
BACHELOR OF COMPUTER APPLICATION

SUBMITTED BY

Mr. PRAMOD ASHOK JAGADALE

UNDER THE GUIDENCE OF

Mr. Sonule A. P. Sir

Through

New Satara College of B.C.A Pandharpur



पुण्यश्लोक अहिल्यादेवी होळकर
सोलापूर विद्यापीठ

॥ विद्यया संपन्नता ॥

NAAC Accredited - 2015
'B' Grade (CGPA - 2.62)

2022-2023



New Satara Samuh Mumbai's
New Satara College of BCA, Pandharpur

(Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur)

CERTIFICATE

I certified that project work report titled
“PHOTOSHOP MANAGEMENT SYSTEM” has been completed
satisfactorily in partial fulfilment of **B.C.A course** of the
Punyashlok Ahilyadevi Holkar Solapur University, Solapur
For the Academic year 2022-2023
By the following Student of New Satara College of B.C.A, Pandharpur.

Miss. PRAMOD ASHOK JAGADALE

Place: Pandharpur

Date: / /

Head of Department
(New Satara College of B.C.A, Pandharpur)

Checked by

External Examiner



Internal Examiner

Shree Studio

Shivaji Chowk , Takali Sikandar- 413248, MOB -

Date: 5/6/2023

This is to certify that the following students,
Mr. Pramod Ashok Jagadale
Has completed the project titled as
"PHOTOSHOP MANAGEMENT SYSTEM" for our agency
satisfactorily for the fulfillment of the requirements for "Bachelor
of Computer Application", Solapur University, solapur during
the academic year 2022 2023.



श्री डिजिटल फोटो स्टुडिओ
टाकळी सिकंदर, ता. मोहोळ, जि. सोलापूर
गोप्य संकाय प्रमुख
Head of Department
(Shree Studio, Takali)



CERTIFICATE

I certified that project work report titled
“PHOTOSHOP MANAGEMENT SYSTEM” has been completed
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Miss. PRAMOD ASHOK JAGADALE

Place: Pandharpur


Date: / /



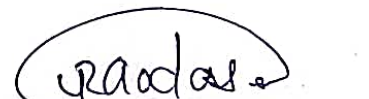
Head of Department
(New Satara College of B.C.A, Pandharpur)



Checked by



External Examiner



Internal Examiner

DECLARATION

We undersigned declared hereby that the project entitled

“PHOTOSHOP MANAGEMENT SYSTEM”

Developed in **“PHP & MySQL”**

Submitted by us is an original work. The project presented is developed by us independently and is not duplication from any other source. We understand that there is any copying such is liable to be punished in any way the University authorities deem it.

The work is here by submitted to Punyashlok Ahilyadevi Holkar Solapur University, Solapur for the Degree Bachelor of Computer Application

Place: Pandharpur

Mr. PRAMOD ASHOK JAGADALE

Date

ACKNOWLEDGEMENT

We sincerely thank to all who's blessing and good wishes have enabled us to complete the task of "**PHOTOSHOP Management System**".

We would like to thanks **Prof. Tathe P. B.** for their constant encouragement and invaluable guidance in completing the project.

We express our profound thanks to our project guide and project in charge **Prof. Sonule A. P. Sir.** And also Thanks to all those who have indirectly guided and helped us in preparation of this project.

Mr. PRAMOD ASHOK JAGADALE

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PROPOSED SYSTEM

1. Objectives of proposed system.
2. Proposed hardware & software platforms.
 - Proposed Hardware
 - Proposed Software
 - Justification

Existing System

1. Overview of the problem of existing system
2. To present a better face to the user
3. Provide the quality like software
4. Consider time and effort of data employee
5. Avoiding data employee from corruption
6. It should provide output with maximum accuracy.
7. It should bring flexibility while working with the system
8. To provide the facility like adding, removing & changing the record
9. To provide various reports at larger time user.

PROPOSED SYSTEM SOFTWARE

1. **Objectives of proposed system.**
2. **Proposed hardware & software platform.**
 - Proposed Hardware.
 - Proposed Software.
 - Justification

OBJECTIVES OF PROPOSED SYSTEM

1. Overcome the problem arrived in the existing system
2. To generate error free report.
3. Provide the facility like adding record.
4. Consumer time and effort of daily employee.
5. Avoiding daily employee from corruption.
6. It should provide outputs with maximum accuracy.
7. It should bring flexibility while working with the system
8. To provide the facility like adding, removing & changing the record.
9. To provide various reports' at fingerer tips user.

PROPOSED HARDWARE AND SOFTWARE

How to setup the Hotel Management System in PHP with Full Source Code

1. Proposed Hardware Platforms

1. Processor Dual core
2. 80GB Hard Disk
3. 1GB Ram
4. Colour monitor

How to run the Hotel Management System in PHP with Full Source Code

2. Proposed Software Platforms

1. Windows XP SP3 and above
2. PHP & MySQL

This Hotel Management System in PHP with Full Source Code is for educational purposes only.

User Manual

How to setup the Hotel Management System in PHP with Full Source Code

1. Download the zip file.
2. Download and install XAMPP
3. Run the XAMPP control panel and start MySQL and Apache
4. Open the browser and go to <http://localhost/phpmyadmin/> to create the database
5. Click the new to create a database.
6. Name the database "**Hotel**"
7. Click import to import the SQL file.
8. Click choose file and select the file that can be found inside the "**Project Coding**" folder
9. Click Go

How to run the Hotel Management System in PHP with Full Source Code

1. Open the browser and go to <http://localhost/admin/>
Accessing admin accounts

Username: Admin
Password: 1234

2. Open the browser and go to <http://localhost/> for public side

This Hotel Management System in PHP with Full Source Code is for educational purposes only.

Feasibility Study

Prior to system development through a study of system is carried out which involves following steps.

1. Identification of organization's requirements
2. Identification of how the work will be carried out
3. Providing technical feasibility of the proposed system

Feasibility study has three types:

1. Technical feasibility
2. Operational feasibility
3. Economical feasibility

Feasibility Study

Technical Feasibility:

This study is done to check whether the system can be developed with the available resources. It is done to check whether the system can be developed with the available resources.

1. System is being developed with the available resources.
2. The system is being developed with the available resources.
3. Backup and restore being user friendly, data entry and report generation is easy.

Operational Feasibility:

In operational part of the feasibility study, it will determine that the system will be able to perform the desired functions with the available personnel & existing processes, program files as required for the end user.

Economical Feasibility:

In operational part of the feasibility study, it will determine that the system will be able to perform the desired functions with the available personnel & existing processes, program files as required for the end user.

Feasibility Study

Prior to system development through a study of system is carried out which involves following steps.

1. Identification of organization or user needs.
2. Identification of how different tasks were carried out.
3. Providing technical feasibility of the proposed system.

Feasibility study has three steps:

1. **Technical feasibility**
2. **Operational feasibility**
3. **Economical feasibility**

Technical Feasibility:

This aspect is always considered to at least important issue. The hardware requirement to support the system is readily available.

1. System is developed by Microsoft visual studio2010.
2. The system is being friendly, data entry generation is easy.
3. Backup and restore being user friendly, data entry and report generations easy.

Operational Feasibility:

In operational part of the feasibility study, it was determine that the system wills the able to perform the designation function within its current personals & existing processors programmers as required for the end-user.

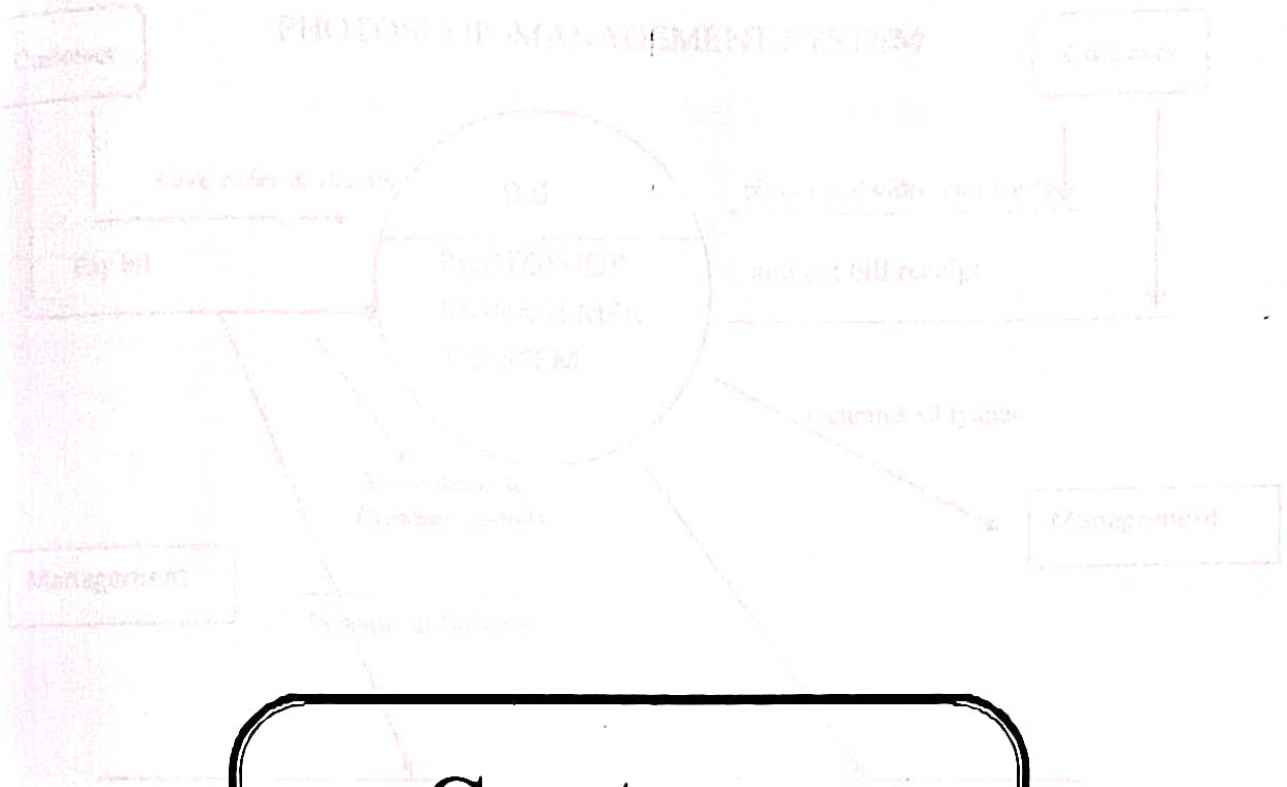
Economical Feasibility:

In operational part of the feasibility study, it was determine that the systems will the able to perform the designation function within its current personals & existing processors programmers as required for the end user.

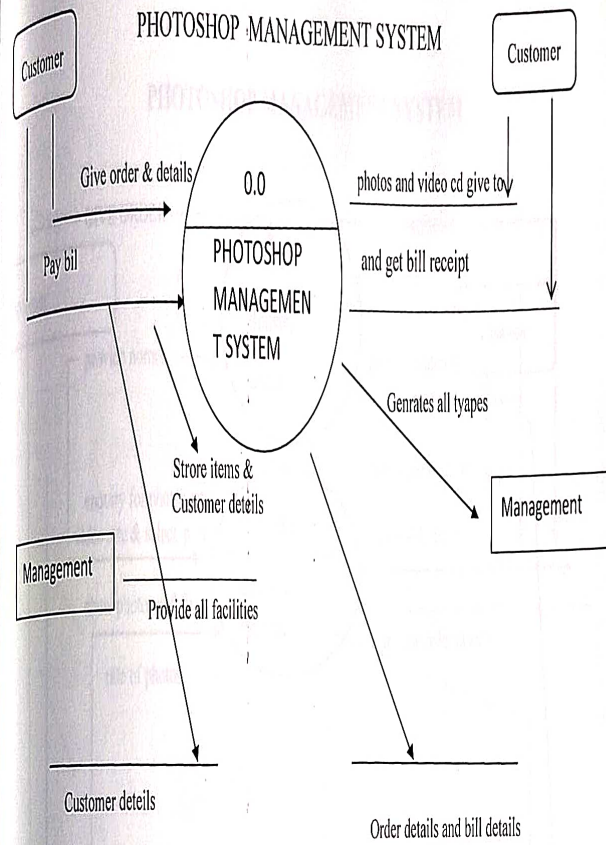
SCOPE OF PROPOSED SYSTEM

1. All expected reports are generated.
2. Any future up gradation in the system is possible.
3. The system have user friendly environment.
4. All transactions are maintained up to date.
5. Numbers of queries are used.
6. Stock handled with proper validations.
7. Proper validations are applied (for ex. The quantity field takes only number data).

PHOTO COPY MANAGEMENT SYSTEM



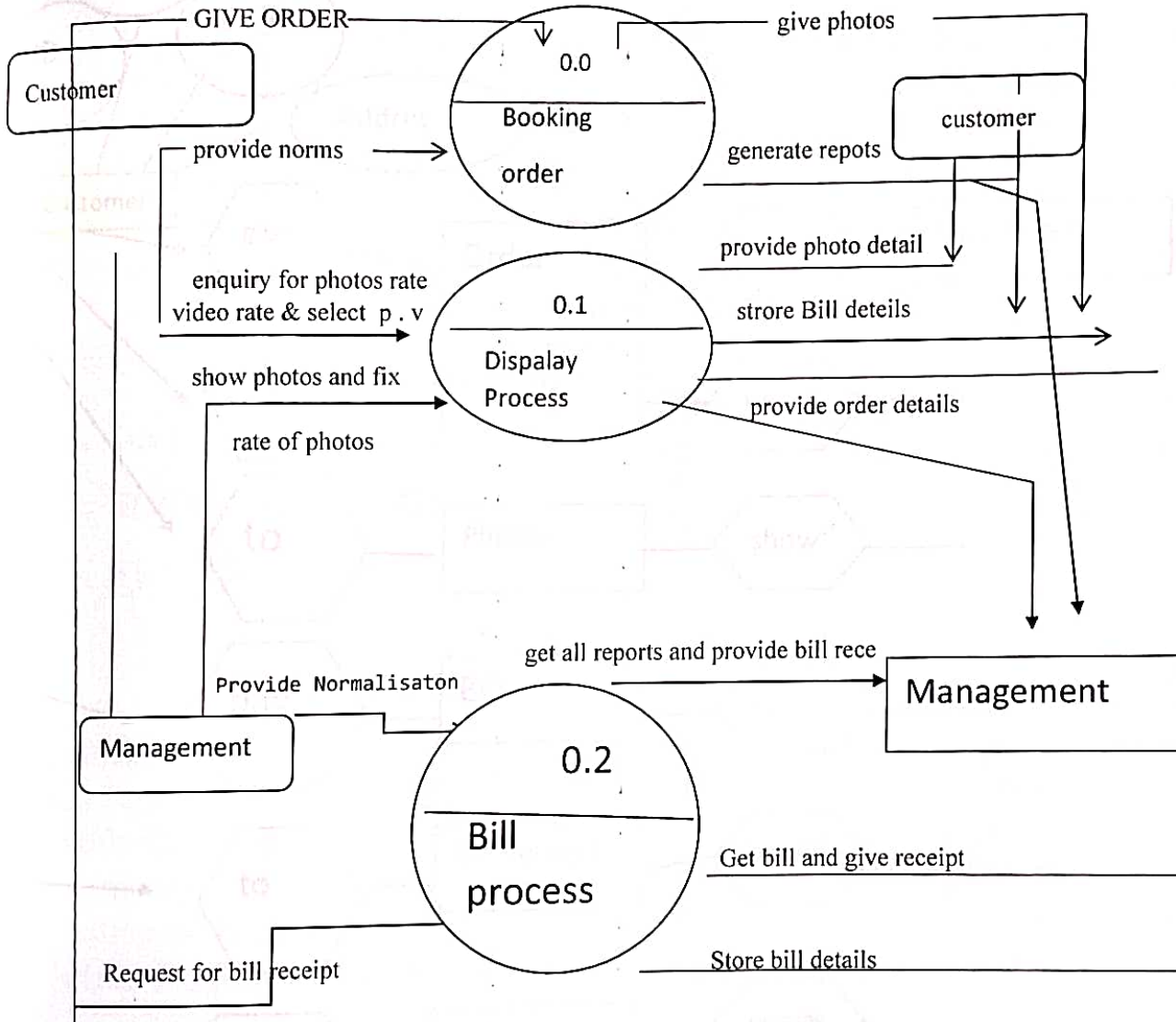
System Design



Context Level Diagram

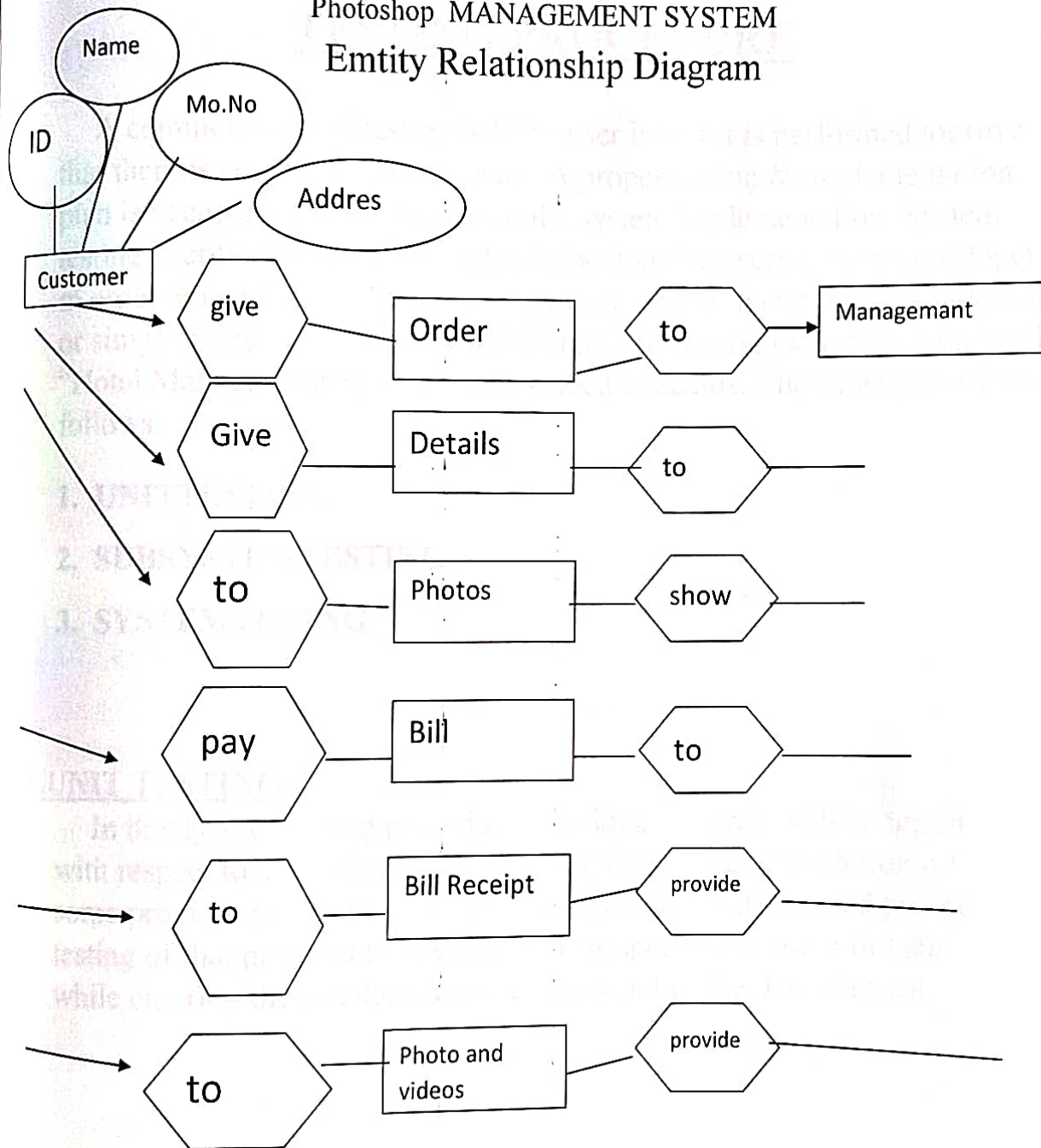
Data Flow Diagram

PHOTOSHOP MANAGEMENT SYSTEM



Data Flow Diagram

Photoshop MANAGEMENT SYSTEM
Entity Relationship Diagram



TESTING PROCEDURE

A common view of testing held by user is that it is performed to prove that there is no error in the program. A proper testing & implementation plan is necessary for the success of the system implementation. System testing is critical process which has to be done by every system developer in order to test the program error may occur due to incorrect programming or simply omission in the original design. The testing plan suggested for the "Hotel Management System" is described in details. The strategies are as follows.

1. UNIT TESTING
2. SUBSYSTEM TESTING
3. SYSTEM TESTING

1. UNIT TESTING:

In this type of testing procedure individual program will be tested with respect to desired output from the system. After completion of some program some test data as per specification will be used for the testing of that program to see if it work as specified. Case will take while entering the test data, so as to check out of the data element.

2 SUBSYSTEM TESTING:

In one system there are many sub system. In this one complete module is treated as sub system & the entire program coming under that module will be tested simultaneously with respect to individual performance as well as combined performance & the result or the output obtained will be verified against the expected or the desired output. In one sub system of the daily management system will not work properly then it works affect performance of the system as the whole.



SYSTEM TESTING:

After completion of subsystem testing all the interconnected Subsystem will be tested under this testing procedure. The system will be as whole & not in terms of single module testing or in terms of Individual program testing .This procedure will test the integrity of the data while it transfer one process to another.

For testing purpose necessary test data as per specification is entered & whole system will be tested.

Data Dictionary

Customer B Login Table

Sr.No	Field Name	Data Type
1	Admin	Number
2	passwped	Text

Order Booking

Sr.No	Field Name	Data Type
1	Customer Name	Text
2	Address	Text
3	Phone NO	Text
4	Date	Text
5	Album type	Number
6	Quantity	Text
7	Video type	Text
8	Photo rate	Number
9	Video rate	Text
10	Total amunt	Number

Customer Bill table

Sr.No	Field Name	Data Type
1	Customer Name	Text
2	Address	Text
3	Phone NO	Text
4	Date	Text
5	Album type	Number
6	Quantity	Text
7	Photo rate	Text
8	Total amunt	Number

Image tables

Sr.No	Field Name	Data Type
1	Img1	image
2	Img2	image
3	Img3	image
4	Img4	image
5	Img5	image
6	Img6	image

Output Screen

Login

login Here

User Name

Password

New registration? [click here](#)

New Registration

New Registration

New Registration

Full Name

Mobile No

Birth date
31 May 2023

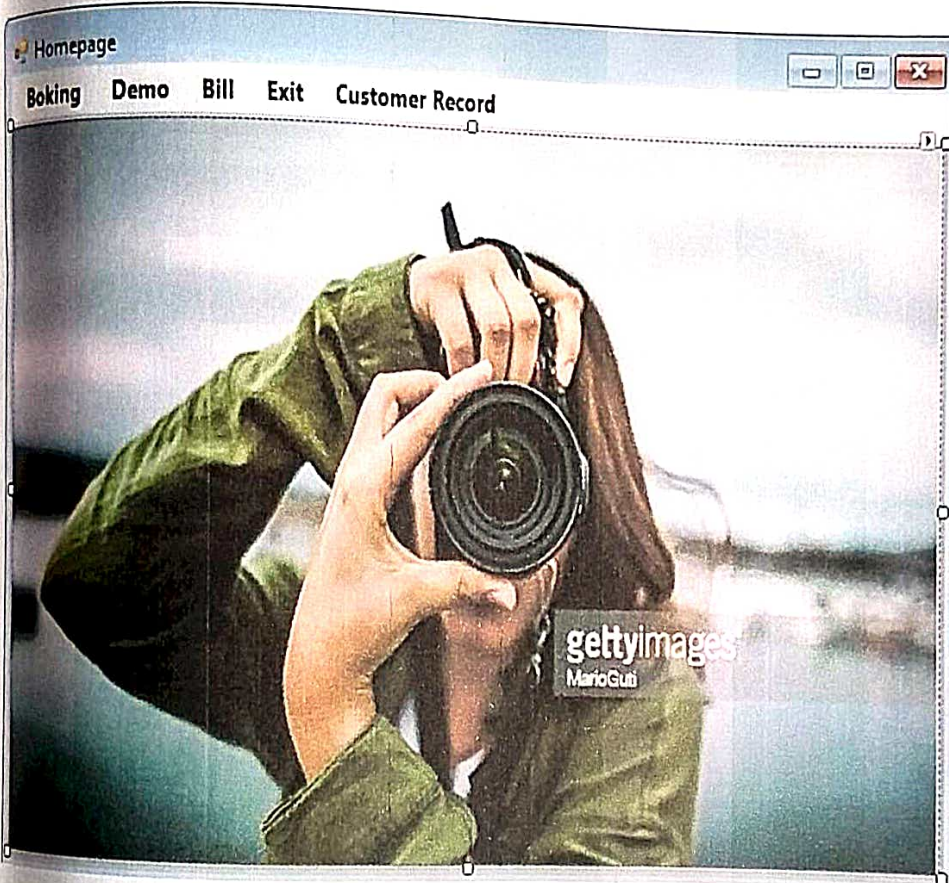
Username

Password

Register

Back

Home page



Order Booking

OrderBooking

Order Booking

Customer Name:-	<input type="text"/>	Contact No:-	<input type="text"/>
Address:-	<input type="text"/>	Date:-	31 May 2023
Album Type:-	<input type="text"/>	Photo Quantity:-	<input type="text"/>
Video Type:-	<input type="text"/>	Total Amount:-	<input type="text"/>

Wedding Photos

Wedding Photos



Babys Photos

ysphoto.cs [design]

Babys Photos



Custmer Bill

Bill [Window Title Bar]

Custmer Bill [Title]

Custmer Name -

Contact No - **Address** -

Rate - **Photo Type** -

Total Amount - **Quantity** -

Customer Record

1. Providing information
2. It can inform you
3. Searching is

Customer_Record

Customer Record

Display Booking Record Show Enter Name Delete

Display Bill Record Show Enter Name Delete Exit

Booking Record Bill Record

Features of New System:

1. Providing simplest way for operating system.
2. It can inform you if any stock requirement is required.
3. Searching is more easier in the system.

Limitation:

1. As there requirement of computer, the organization should have the Computer
2. Skilled person is required in organization.
3. In this system we cannot update latest information

BIBLIOGRAPHY

For the completion of this system and documentation we have referred the following book & websites.

1. www.google.com
2. [YouTube .com](http://YouTube.com)

A
PROJECT REPORT
ON
“**CRIMINL DATABASE MANAGEMENT SYSTEM**”

SUBMITTED TO

P.A.H. SOLAPUR UNIVERSITY, SOLAPUR
FOR THE FULLFILMENT OF AN AWARD OF
BACHELOR OF COMPUTER APPLICATION

SUBMITTED BY

MR.MANSINGRAO JITENDRA BABAR

UNDER THE GUIDANCE OF

Prof. MR SONULE A.P.

THROUGH
NEW SATARA COLLEGE OF B.C.A, PANDHARPUR



पुण्यश्लोक अहिल्यादेवी होळकर
सोलापूर विद्यापीठ

॥ विद्यया संपन्नता ॥

: 2022-2023

Date: / / 20

CERTIFICATE

This is to certify that the following students,

Mr. MANSINGRAO JITENDRA BABAR

Has completed the project titled as "Criminan Database Management System" for our nursery satisfactorily for the fulfillment of the requirements for "Bachelor of Computer Application", Solapur University. Solapur during the academic year 2022-2023

Place -: Pandharpur



वरिष्ठ पोलीस निरीक्षक
पंढरपूर शहर पोलीस ठाणे

Head of department

(Pandharpur Police Station Pandharpur)

CERTIFICATE

I Certified that project work report titled
“CRIMINAL DATABASR MANAGEMENT SYSTEM“ has been
completed satisfactorily in partial fulfillment of **B.C.A course**
of the P.A.H.SOLAPUR UNIVERSITY, SOLAPUR for the
Academic year 2022- 2023 by the following Student of New
Satara College of B.C.A, Pandharpur.

Place: Pandharpur

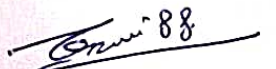
Date:




Head of Department
(New Satara College of B.C.A, Pandharpur)



Checked by



External Examiner



Internal Examiner

DECLARATION

We undersigned declared hereby that the project entitled

“CRIMINAL DATABASE MANAGEMENT

SYSTEM” developed in “C#.net& Microsoft SQL” submitted by us is an

original work. The project presented is developed by us independently and is not duplication from any other source. We understand that there is any copying such is liable to be punished in any way the University authorities deem it.

The work is here by submitted to P.A.H.Solapur University, Solapur for the Degree Bachelor of Computer Application

Place: Pandharpur

Date :

Mr. MANSINGRAO JITENDRA BABAR

ACKNOWLEDGEMENT

We sincerely thank to all who's blessing and good wishes have enabled us to complete the task of "**CRIMINAL DATABASE MANAGEMENT SYSTEM**". We would like to thanks Prof.Tathe P.B. for their constant encouragement and invaluable guidance in completing the project.

We express our profound thanks to our project guide and project in charge Prof. Sonule A.P. and also Thanks to all those who have indirectly guided and helped us in preparation of this project.

*Mr. MANSINGRAO JITENDRA
BABAR*

INDEX

Sr. no	CHAPTER NAME	Page no
1	ABOUT EXISTING SYSTEM <ul style="list-style-type: none">• Existing System• Problems In Existing System• Need For Computerization	1
2	PROPOSED SYSTEM <ul style="list-style-type: none">• Objectives in the Proposed system• Proposed hardware & software• Proposed Hardware• Proposed Software	2
3	FEASIBILITY STUDY <ul style="list-style-type: none">• Technical Feasibility• Operational Feasibility• Economic Feasibility• Scope of Proposed system	5
4	SYSTEM DESIGN <ul style="list-style-type: none">• Data Flow Diagram• Context Level Diagram• ER Diagram• Data Dictionary• Output Screen	7
5	CONSTRAINTS & LIMITATIONS OF PROPOSED SYSTEM <ul style="list-style-type: none">• Constraints• Limitation• Conclusion	22
6	Bibliography	24

Existing System

- **EXISTING SYSTEM DETAILS**

There is no computerized system available.
All the work is done manually.

- **PROBLEM IN EXISTING SYSTEM**

- The existing system is completely manual, it is time consuming
- There are lots of paper work calculation notebooks are carried out existing system
- Sometimes information of data is not stored properly as there is time wastage for finding this record. Some time Financial data loss may be possible
- There are many entries in billing, which is time consuming.
- The maintenance of master in manual is confusing. The need for computerization was felt on following points

- **NEED FOR COMPUTERIZATION**

- Maintaining data becomes tedious & when done manually.
- All criminal entries are made every day. Maintain these entries are time consuming
- Redundancy of data is to be avoided
- The data being vital to all departments needs Appropriate safety & security
- The generation of report is time consuming. Hence, the bulk of information is very Huge and difficult to Maintain manually. To overcome above draw back backup computer system may help much better and also task done on computer are optimized task .It reduces manual efforts and also storage is not openly like file stored in self. Instead that storage is on the hard disk for building full data in it.

PROPOSED SYSTEM

• Objectives of proposed system

1. Proposed hardware & software platform.

• Proposed Hardware

• Proposed Software

• User Input

• Proposed Data

• Proposed Output

• Proposed Report

• Proposed Security

• Scope of the proposed system

• Factors of the system

• Constraints from proposed system

Proposed System

OBJECTIVES • PROPOSED SYSTEM

- Objectives of proposed system.

2. Proposed hardware & software platform.

- Proposed Hardware.

- Proposed Software.

- Justification.

• Feasibility Study

- Technical Feasibility

- Operational Feasibility

- Economic Feasibility

- Scope of Proposed System.

- Input to the system.

- Output from proposed system.

OBJECTIVES OF PROPOSED SYSTEM

- Overcome the problem arrived in the existing system
- To generate error free report.
- Provide the facility like adding record.
- Consumer time and effort of daily employee.
- Avoiding daily employee from corruption.
- It should provide outputs with maximum accuracy.
- It should bring flexibility while working with the system
- To provide the facility like adding, removing & changing the record.
- To provide various report's at fingerer tips user.

HARDWARE AND SOFTWARE PLATFORMS

- **Proposed Hardware Platforms-**
 - Processor Dual Core / Core i3 /Core i5
 - 500 GB Hard Disk
 - 8GB Ram
 - LED / LCD Color monitor

- **Proposed Software Platforms-**
 - Windows 10 /11
 - C# .Net
 - MS SQL

Prior to system development through a study of system is carried out which involves following steps.

- Identification of organization or user needs.
- Identification of how different tasks were carried out.
- Providing technical feasibility of the proposed system.

Feasibility study has three steps:

1. Technical feasibility
2. Operational feasibility
3. Economic feasibility

Technical Feasibility:

This aspect of a feasibility study determines if the hardware requirements for a project can be met with existing systems.

1. System development
2. The system being developed is compatible with existing hardware and software.
3. Backup and recovery procedures are in place and expert generation is easy.

Operational Feasibility:

In operational feasibility, it is determined if a system will fit with the organization's existing procedures, personnel, and existing procedures.

Economic Feasibility:

In economic feasibility, it is determined that the system will be able to perform the desired function with the current personnel & existing procedures.

Feasibility Study

SCOPE OF PROPOSED SYSTEM

Feasibility study has three steps:

1. Technical feasibility
2. Operational feasibility
3. Economic feasibility

Technical Feasibility:

This aspect is always considered to at least important issue. The hardware requirement to support the system is readily available.

1. System is developed by Microsoft visual studio 2010.
2. The system is being friendly, data entry generation is easy.
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Operational Feasibility:

In operational part of the feasibility study, it was determine that the system wills the able to perform the designation function within its current personals & existing processors programmers as required for the end user.

Economical Feasibility:

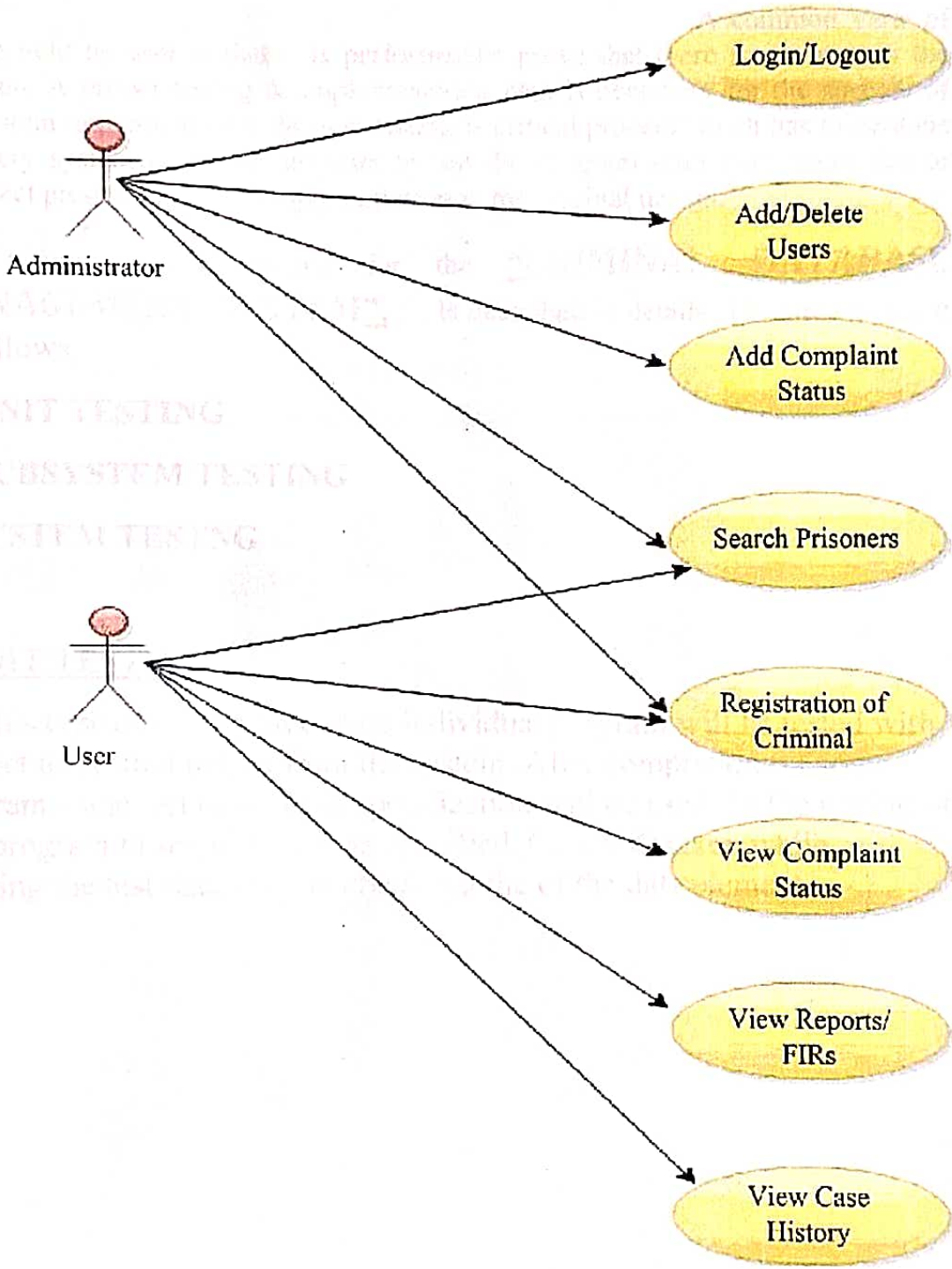
In operational part of the feasibility study, it was determine that the systems will the able to perform the designation function within its current personals & existing processors programmers as required for the end user.

SCOPE OF PROPOSED SYSTEM

- All expected reports are generated.
- Any future up gradation in the system is possible.
- The system have user friendly environment.
- All criminal detail are maintained up to date.
- Numbers of queries are used.
- Stock handled with proper validations.
- Proper validations are applied (for ex. The quantity field takes only number data).



System Design



A common view of testing held by user is that it is performed to prove that there is no error in the program. A proper testing & implementation plan is necessary for the success of the system implementation. System testing is critical process which has to be done by every system developer in order to test the program error may occur due to incorrect programming or simply omission in the original design.

The testing plan suggested for the **“CRIMINAL DATABASE MANAGEMENT SYSTEM”**. Is described in details. The strategies are as follows.

1. UNIT TESTING

2. SUBSYSTEM TESTING

3. SYSTEM TESTING

1.UNIT TESTING:

In this type of testing procedure individual program will be tested with respect to desired output from the system .After completion of some program some test data as per specification will be used for the testing of that program to see if it work as specified. Case will taken while entering the test data so as to check out the of the data element.

2 SUBSYSTEM TESTING:

In one system there are many sub system. In this one complete module is treated as sub system & all the program coming under that module will be tested simultaneously with respect to individual performance as well as combined performance & the result or the output obtained will be verified

against the expected or the desired output.

In one sub system of the daily management system will not work properly then it works affect performance of the system as the whole.

3 SYSTEM TESTING:

After completion of subsystem testing all the interconnected Subsystem will be tested under this testing procedure. The system will be as whole & not in terms of single module testing or in terms of Individual program testing .This procedure will test the integrity of the data while it transfer one proces to another.

For testing purpose necessary test data as per specification is entered & whole system will be tested.

TABLE DESIGN

ItemTable

Sl. No	Field Name	Data Type
1	case number	varchar
2	Criminal_name	text
3	person's name	text
4	Category	text
5	Case_date	date
6	off_name	text
7	user name	text

Data Dictionary

Sl. No	Field Name	Data Type
1	Case No	varchar
2	Date	date
3	Criminal_name	text
4	person's name	text
5	Type	text
6	officer name	text
7	address	text
8	off_name	text

T

TABLE DESIGN

ItemTable

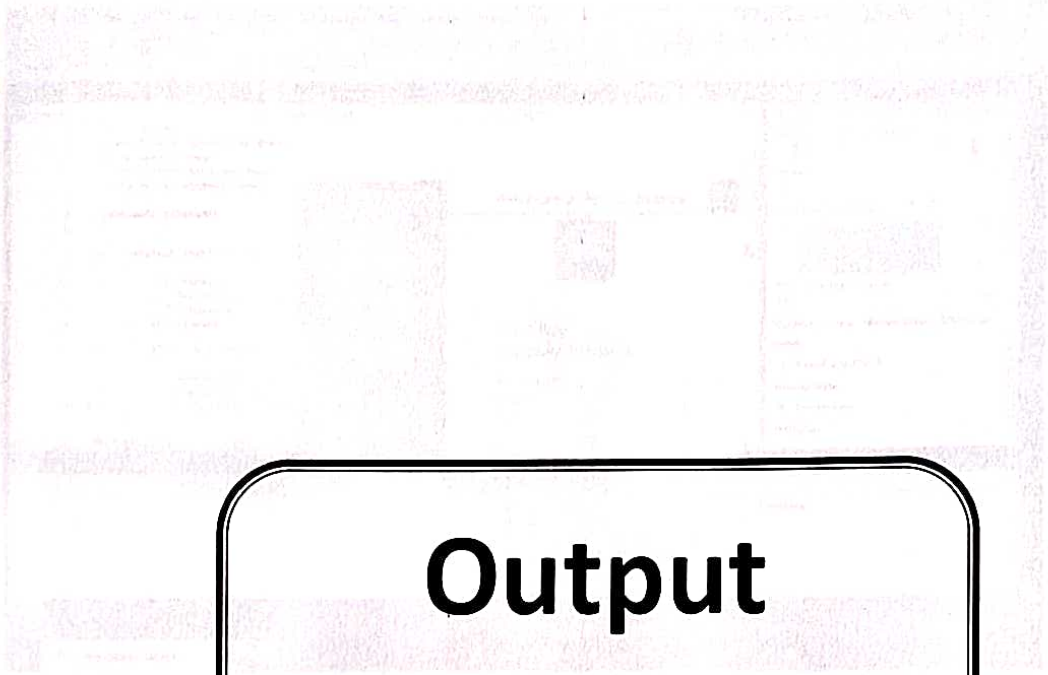
Sr.No	Field Name	Data Type
1	case number	Number
2	Criminal_name	Text
3	casename	Text
4	Category	Text
5	case_detail	Text
6	off_name	Text
7	case type	Text

Sr.No	Field Name	Data Type
1	CASE_id	Number
2	Date	Text
3	Criminal_name	Text
4	persons involve	Text
5	type	Text
6	officer name	Text
7	address	Text
8	off_name	Text

CASE Details

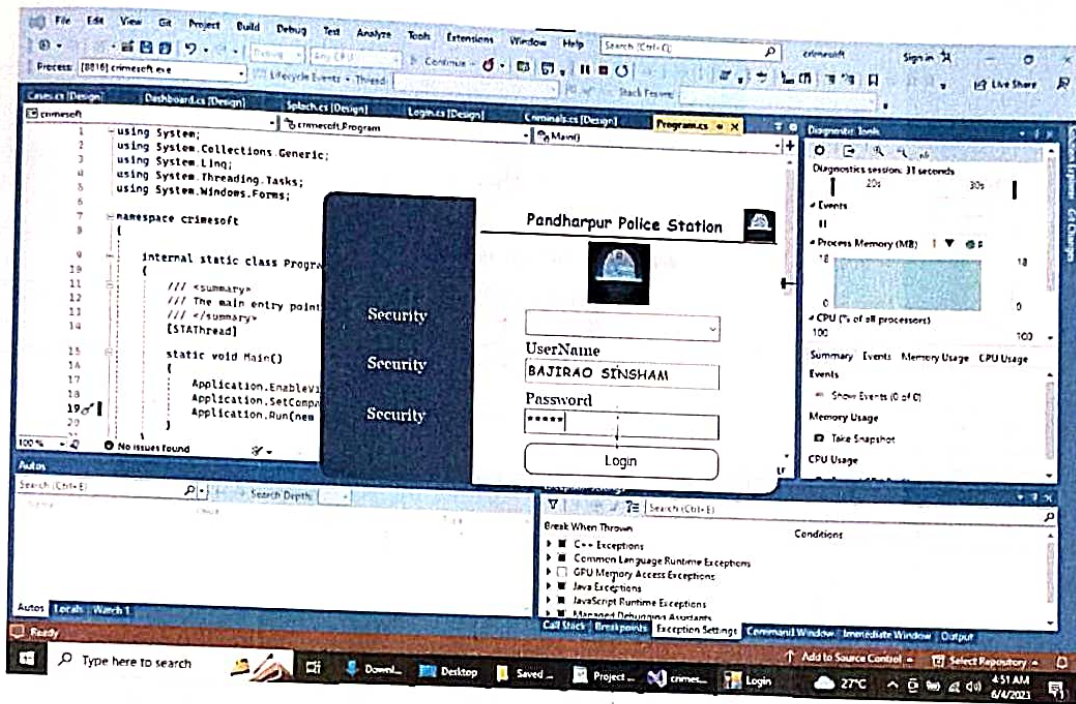
CrimeM Table

Sr.No	Field Name	Data Type
1	details	Text
2	CRname	Text
3	Adrs	Text
4	Phno	Text

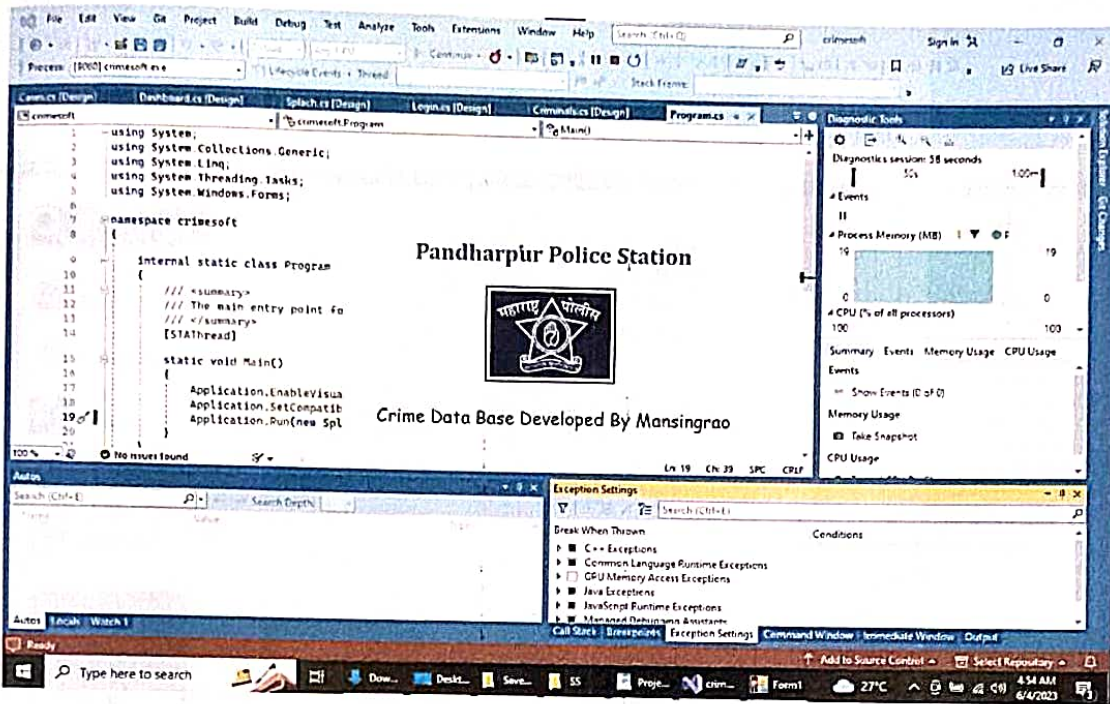


Output Screen

Description: - This form is used to log in for user - [unclear] to entering

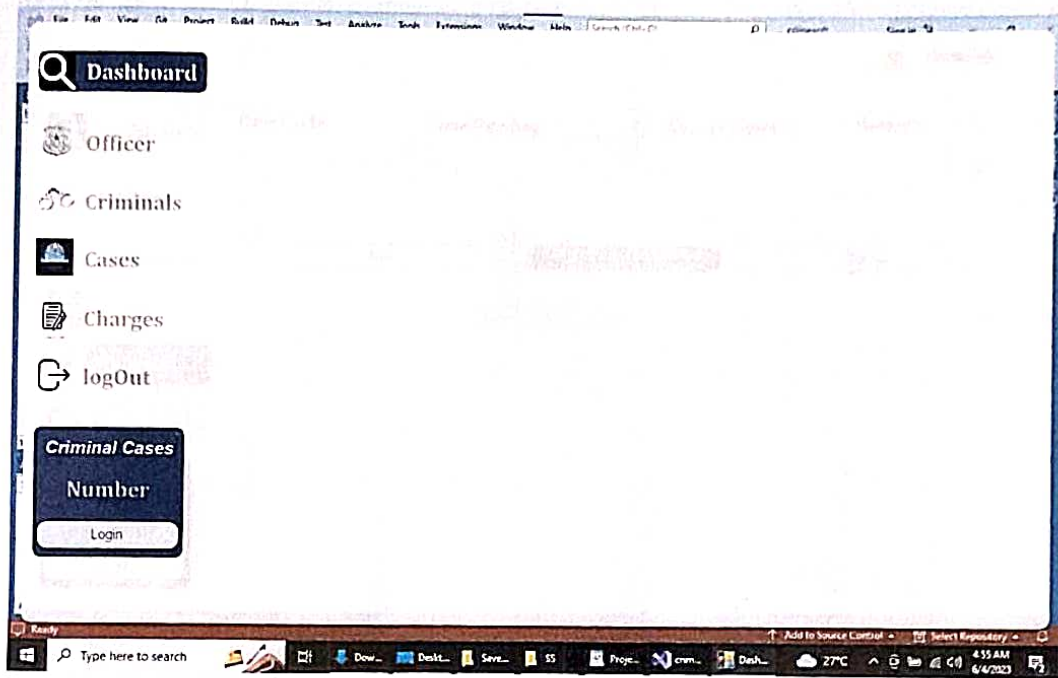


Description: - This form is used to log in for user or admin to entering next page .

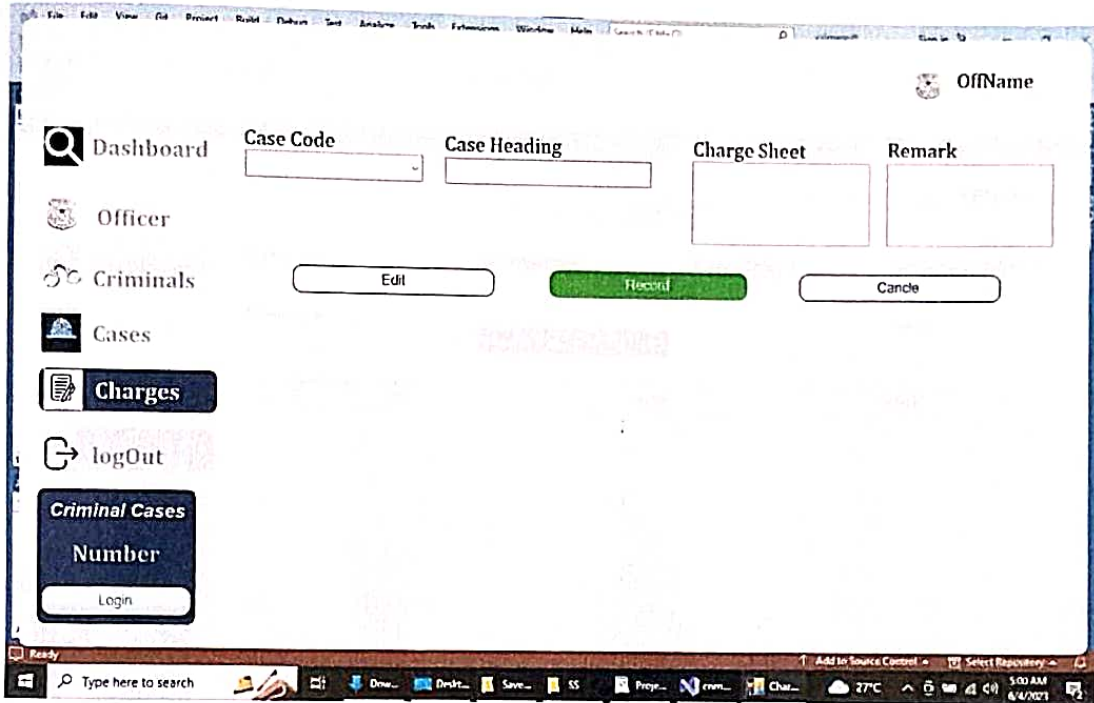


Description: - This form is used to show main homr page for police station as logo

Description - This form is used to show main homr page for police station as logo

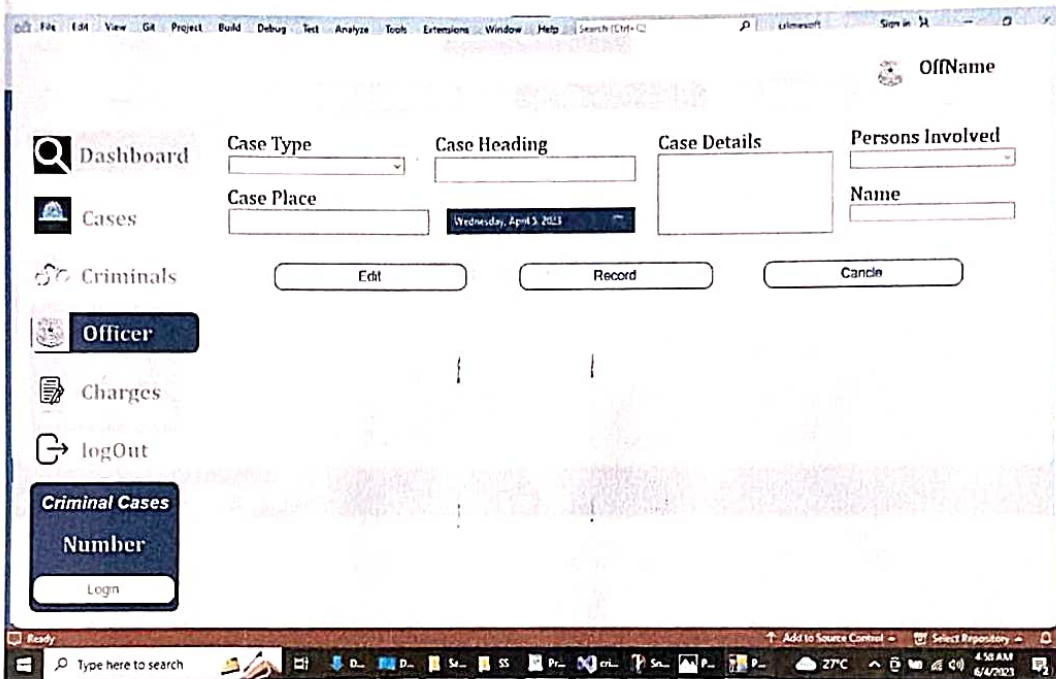


Description: - This form is used to select dashboard. There are three buttons in a form one is New Entry, Save Item, Close this form and Print Form. After clicking New Entry button following form is opened

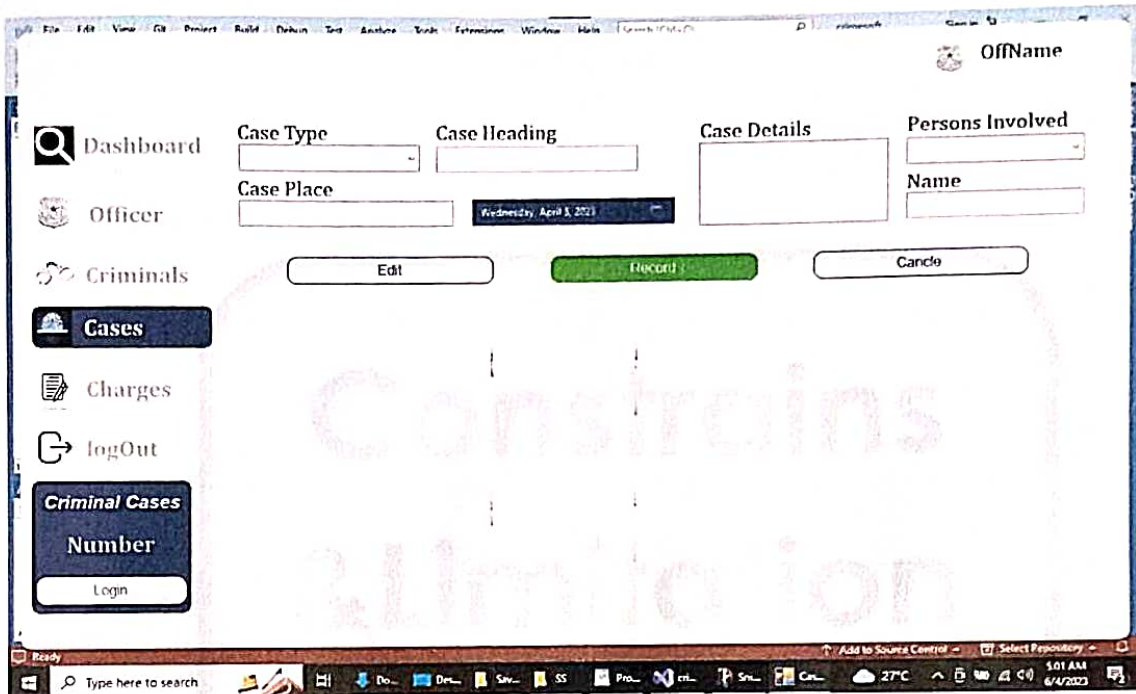


Description :- This Add Item form is used to add new charge. There are five button on this form i.e. New Entry, Save, Update, Search, Close.

Description :- This is an Add Item form used to add new charge. There are five buttons on this form i.e. New Entry, Save, Update, Search, Close.



Description: - This form is used to create add Officer. There are six buttons of a form one is New Entry, Save, Update, Search, Delete, Close the form and Go to Sale Item. After clicking Go to Sale button following form is opened



Description: - This form is used to create sales voucher. There are four buttons of a form one is New Entry, Save, Close the form and Print Item. After clicking Add Item button following form is opened

CONSTRAINTS & LIMITATIONS OF PROPOSED SYSTEM

CONSTRAINTS

Constraints & Limitation

S

Limitation

1. It should require the less computer program to be developed in the computer.

2. It should be a simple program.

3. It should be a simple program.

CONSTRAINTS & LIMITATIONS OF PROPOSED SYSTEM

CONSTRAINTS:

1. The proposed “**CRIMINAL DATABASE MANAGEMENT SYSTEM**” system is interactive & less time consumable.
2. The system gives result accurate & faster than the manual System.
3. The proposed system gives various reports about system tools.
4. The system is suitable for any police station.
5. The system is able to show reordered level, so not necessary to check criminal record every day

Limitation:

1. As there is requirement of computer, the organization should have the computer
2. Skilled person is required in organization
3. In this system we cannot update latest information

BIBLIOGRAPHY

For the completion of this system and documentation we have referred the

Conclusion:

1. MICROSOFT VISUAL STUDIO C#.NET -- RAJENDRA SALOKHE

By all discussion we can conclude that computerized system developed

2. A COMPLETE RESEARCHER C#.NET

by me is very useful for the organization. Computerized system reduced

lots of paper work. The data can be stored in computer memory and we

can take hard copies of data when we want.

3. WWW -- JAYSHREE SHIRDI

The other thing is that by making some changes this

4. WWW -- RAJENDRA SALOKHE

software can be used for other organizational store.

BIBLIOGRAPHY

For the completion of this system and documentation we have referred the following book& websites

1. **MICROSOFT VISUAL STUDIO C#.NET—RAJENDRA SALOKHE**
2. **A COMPLETE REFERENCE OF C#.NET**
3. **www.stackoverflow.com**
4. **www.google.com**
5. **www.codeproject.com**

A
PROJECT REPORT



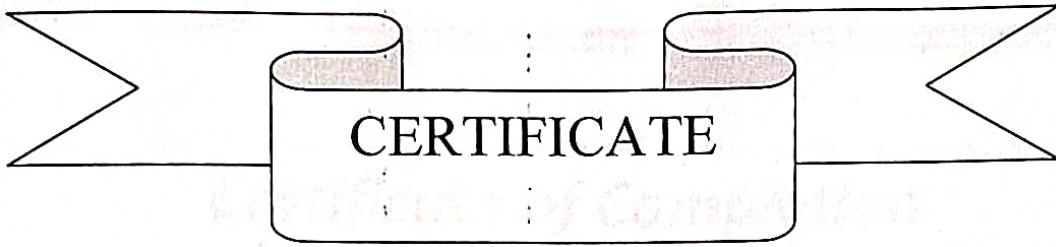
ON
"LIBRARY MANAGEMENT SYSTEM"
SUBMITTED TO
PUNYASHLOK AHILYADEVJI HOLKAR
SOLAPUR UNIVERSITY, SOLAPUR
IN FULFILLMENT FOR THE DEGREE OF
Bachelor of Computer Application

SUBMITTED BY
Miss.Afroz Salim Shaikh
UNDER THE GUIDANCE OF
Prof.Sonule.A.P

THROUGH
NEW SATARA COLLEGE OF B.C.A.
PANDHARPUR

2022-23

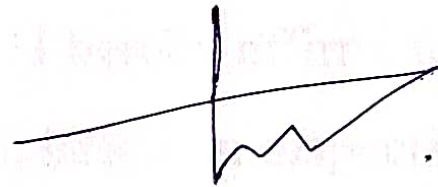
New Satara Samuh Mumbai's
NEW SATARA COLLEGE OF BCA , Pandharpur
(Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur)



I certified that project report titled "LIBRARY MANAGEMENT SYSTEM" has been completed satisfactorily in partial fulfillment of B.C.A course of the P.A.H.SOLAPUR UNIVERSITY ,SOLAPUR for the Academic year 2022-2023 by the following Student of New Satara College of B.C.A , Pandharpur.

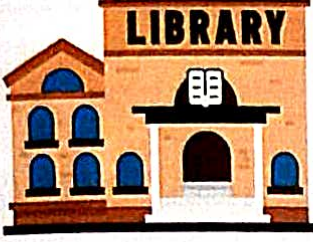
Place : Pandharpur

Date



Head of Department
(New Satara College B.C.A , Pandharpur)





Dnyandeep Coaching & Library

Sangola Road, Pandharpur, Dist-Solapur-413304

Certificate of Completion

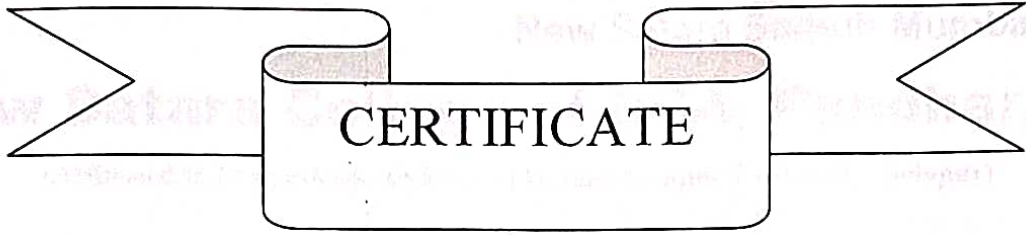
This is to certify that the following Student

Miss. Afroz Salim Shaikh

I hereby affirm, to the best of my knowledge and belief, based on inspections, observations, testing of the project and upon reports submitted by others, that this “**Library Management System**” is substantially complete and operable.



Dnyandeep Coaching



I certified that project report titled " LIBRARY MANAGEMENT SYSTEM" has been completed satisfactorily in partial fulfillment of B.C.A course of th PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR for the Academic year 2022- 2023 by the following Student of New Satara College of B.C.A, Pandharpur.

Miss.Afroz Salim Shaikh

Place: Pandharpur

Date:

Head of Department

(New Satara College of B.C.A, Pandharpur)

External Examiner

Checked by

Internal Examiner



New Satara Samuh Mumbai's

New Satara College of BCA, Pandharpur

(Affiliated to Panyashlok Ahilyadevi Holkar Solapur University, Solapur)


CERTIFICATE

I Certified that project work report title
"**LIBRARY MANAGEMENT SYSTEM**" has been completed
satisfactorily in partial fulfillment of B.C.A course of the
PUNYASHLOK AHILYADEVI HOLKAR UNIVERSITY,
SOLAPUR for the Academic year 2021-2022 by the following
Student of New Satara College of B.C.A, Pandharpur.

Miss.Afroz Salim Shaikh

Place: Pandharpur

Date:



Head of Department

(New Satara College of B.C.A, Pandharpur)


Checked by



ACKNOWLEDGEMENT

DECLARATION

We undersigned declared hereby that the project entitled "**LIBRARY MANAGEMENT SYSTEM**" developed in "**php & Mysql**" submitted by us is an original work. The project presented is developed by us independently and is not duplication from any other source. We understand that there is any copying such is liable to be punished in any way the University authorities deem it.

The work is here by submitted to Punyashlok Ahilyadevi Holkar Solapur University, Solapur for the Degree Bachelor of Computer Application

Place: Pandharpur

Date :

Miss.Afroz Salim Shaikh

INDEX

ACKNOWLEDGEMENT

Sl.No

Page No

We sincerely thank to all who's blessing and good wishes have enabled Us to complete the task of "**LIBRARYMANAGEMENT SYSTEM**". We would like to thanks **Prof. Tathe P.B.** for their constant encouragement and invaluable guidance in completing the project.

We express our profound thanks to our project guide and project in charge **Prof.Sonule.A.P.** and also Thanks to all those who have indirectly guided and helped us in preparation of this project.

Miss.Afroz Salim Shaikh

SYSTEM DESIGN

- * Data Flow Diagram
- * Context Level Diagram
- * Data Dictionary
- * Logical Schema

INDEX

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2	PROPOSED SYSTEM <ul style="list-style-type: none">➤ Objectives in the Proposed➤ Proposed hardware & software➤ Proposed Hardware➤ Proposed Software	2
3	FEASIBILITY STUDY <ul style="list-style-type: none">➤ Technical Feasibility➤ Operational Feasibility➤ Economic Feasibility➤ Scope of Proposed system	5
4	SYSTEM DESIGN <ul style="list-style-type: none">➤ Data Flow Diagram➤ Context Level Diagram➤ Data Dictionary➤ Output Screens	7

5	CONSTRAINTS & LIMITATIONS OF PROPOSED SYSTEM <ul style="list-style-type: none">➤ Constraints➤ Limitation➤ Conclusion	22
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Existing
System

EXISTING SYSTEM DETAILS

There is no computerized system available. All the work is done manually.

PROBLEMS IN EXISTING SYSTEM

1. The existing system is completely manual. It is time consuming.
2. There are lots of errors in the existing system.
3. Sometimes information is lost as there is time wastage in handling the data. It may not be possible to retrieve the data.
4. There are many entries in filling, which is time consuming.
5. The maintenance of manual is confusing. The need for computerization was felt on following points.

**Existing
System**

1. EXISTING SYSTEM DETAILS

There is no computerized system available. All the work is done manually.

2. PROBLEM IN EXISTING

- 1. The existing system is completely manual, it is time consuming.**
- 2. There are lots of paper work calculation notebooks are carried out existing system.**
- 3. Sometimes information of the data is not stored properly as there is time wastage for finding this record. Some time financial data loss may be possible.**
- 4. There are many entries in billing, which is time consuming.**
- 5. The maintenance of master in manual is confusing. The need for computerization was felt on following points.**

3.NEED FOR COMPUTERIZATION

- 1.Maintaining data becomes tedious & when done manually.
- 2.All transaction entries are made every day. Maintaining these entries are time consuming.
- 3.Redundancy of data is to be avoided.
4. The data being vital to all departments needs appropriate safety & security.
- 5.The generation of report is time consuming. Hence, the bulk of information is vary huge and difficult to maintain manually. To overcome above draw back backup computer system may help much better and also task done on computer are optimized task. It reduces manual efforts and also storage is not openly like file stored in self. Instead that storage is on the hard disk for building full data in it.

1. PROPOSED SYSTEM SYSTEM

1. Objectives of proposed system.

2. Proposed hardware & software platform.

- Proposed Hardware.

- Proposed Software.

- Justification.

3. Feasibility Study.

- Technical Feasibility

- Operational Feasibility

- Economical Feasibility

4. Scope of Proposed System.

5. Input to the System.

6. Output from proposed System.

OBJECTIVES OF PROPOSED SYSTEM

1. Overcome the problem arrived in the existing system
2. To generate error free report.
3. Provide the facility like adding record.
4. Consumer time and effort of daily employee.
5. Avoiding daily employee from corruption.
6. It should provide outputs with maximum accuracy.
7. It should bring flexibility while working with the system
8. To provide the facility like adding, removing & changing the record.
9. To provide various report's at fingerer tips user.

MINIMUM HARDWARE AND SOFTWARE REQUIRMENT

PLATFORMS

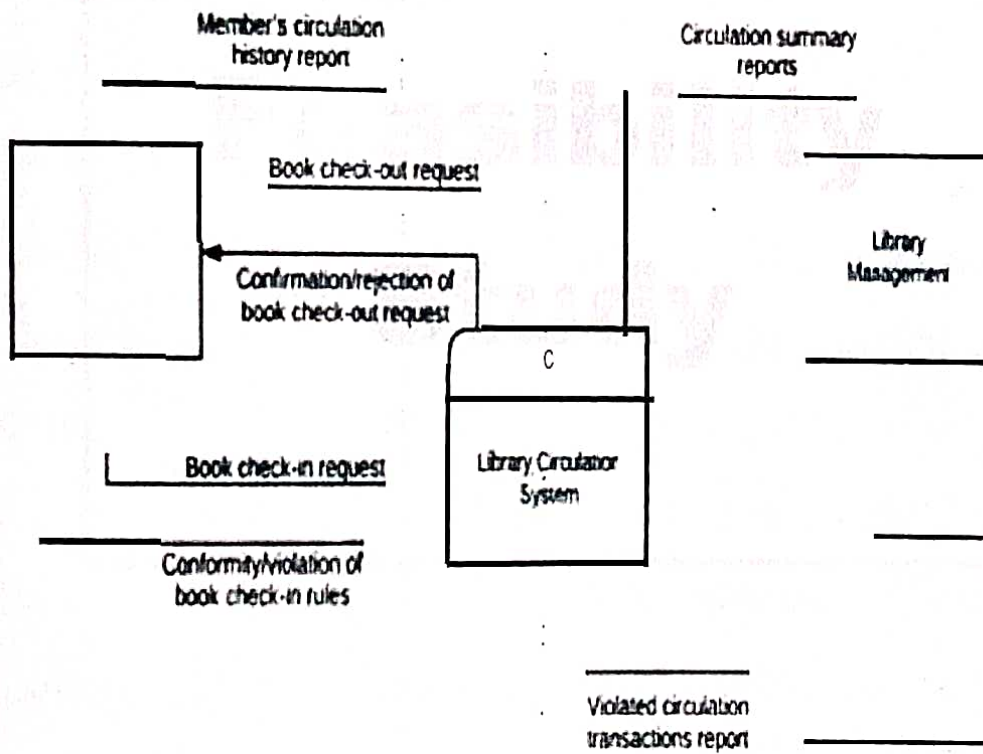
1. Proposed Hardware Platforms-

- Processor Dual core
- 80 GB Hard Disk
- 2GB Ram
- color monitor

2. Proposed Software Platforms-

- Windows XP SP3 and above
- Php
- Mysql

CONTEXT LEVEL DIAGRA



Feasibility Study

Prior to system development through a study of system is carried out which involves following steps.

1. Identification of organization or user needs.
2. Identification of how different tasks were carried out.
3. Providing an initial feasibility of the proposed system.

1. Technical feasibility
2. Operational feasibility
3. Economic feasibility

Feasibility Study

This subject is already covered at least important issue. The hardware required for the system is readily available.

1. System is developed by Microsoft visual studio 2010.
2. The system is being developed, data entry generation is easy.
3. Backup and recovery is user friendly, data entry and report generation is easy.

In operational part of the feasibility study, it was determined that the system will be able to perform the designation

Feasibility Study

Prior to system development through a study of system is carried out which involves following steps.

1. Identification of organization or user needs.
2. Identification of how different tasks were carried out.
3. Providing technical feasibility of the proposed system.

1. Technical feasibility

2. Operational feasibility

3. Economical feasibility

Technical Feasibility:

This aspect is always considered to at least important issue. The hardware requirement to support the system is readily available.

1. System is developed by Microsoft visual studio 2010.
2. The system is being friendly, data entry generation is easy.
3. Backup and restore being user friendly, data entry and report generation is easy.

In operational part of the feasibility study, it was determine that the system wills the able to perform the designation

function within its current personals & existing processors programmers as required for the end user.

Economical Feasibility: In operational part of the feasibility study, it was determine that the systems will the able to perform the designation function with its current personals & existing processors programmers as required for the end user.

SCOPE OF PROPOSED SYSTEM

1. All expected reports are generated.
2. Any future up gradation in the system is possible.
3. The system have user friendly environment.
4. All transactions are maintained up to date.
5. Numbers of queries are used.
6. Stock handled with proper validations.
7. Proper validations are applied (for ex. The quantity field takes only number data).

2. SUBSYSTEM TESTING:

In one system there are many sub system. In this one complete module is treated as sub system & all the program coming under that module will be tested simultaneously as well as the performance of the system. The output obtained will be compared with the expected or the desired output.

EXISTING SYSTEM

In one sub system of the data management system will not work properly if any one part of the system as the whole.

3. SYSTEM TESTING:

After completion of subsystem testing all the interconnected subsystem will be tested under this testing procedure. The system will be as whole & not in terms of single module testing or in terms of individual program testing. This procedure will test the integrity of the data while it transfer one process to another.

For testing purpose necessary test data as per specification is entered & whole system will be tested.

2. SUBSYSTEM TESTING:

In one system there are many sub system. In this one complete module is treated as sub system & all the program coming under that module will be tested simultaneously with respect to individual performance as well as combined performance & the result or the output obtained will be verified against the expected or the desired output.

In one sub system of the daily management system will not work properly then it works affect performance of the system as the whole.

3. SYSTEM TESTING:

After completion of subsystem testing all the interconnected Subsystem will be tested under this testing procedure. The system will be as whole & not in terms of single module testing or in terms of Individual program testing. This procedure will test the integrity of the data while it transfer one process to another.

For testing purpose necessary test data as per specification is entered & whole system will be tested.

TABLE DESIGN

Book Table

Sr.No	Field Name	Data Type
1	Book_id	Number
2	Book_title	Text
3	Author name	Text
4	Publication	Text
5	Price	Number
6	Category	Number
7	Language	Text
8	ISBN	Text
9	Keywords	Text
10	Country	Text
11	Column no	Text
12	Subject	Text
13	Copies	Int
14	Source	Text
15	Publication year	Int
16	Lang	Text
17	No of pages	Int

Data Dictionary

TABLE DESIGN

Book Table

Sr.No	Field Name	Data Type
1	Book_id	Number
2	Book_name	Text
3.	Auther name	Text
4.	Publication	Text
5.	Edition	Number
6.	Price	Number
7	ISBN	Text
8.	Table_no	Text
9.	Row_no	Text
10.	Category	Text
11.-	Colum_no	Text
12.	Subject	Text
13.	Copies	Int
14.	Source	Text
15.	Publication_year	Int
16.	Lang	Text
17.	No_of_pages	Int

Member table

Sr. No	Field name	Data Type
1.	Member id	Int
2.	Member name	Text
3.	Member contact	Text
4.	Member email	Text
5.	Member_type	Text

Issued Book Table

Sr.no	Field name	Data Type
1.	Book id	Int
2.	Book name	Text
3.	Member id	Int
4.	Member_name	Text
5.	Is due	Boolean
6.	Issued date	Date
7.	Submit date	Date

HOME



Small text or label

**Output
Screen**

HOME

DASHBOARD



Online Library Management System

Home | About Us | Contact Us

[HOME](#) [USER LOGIN](#) [USER SIGNUP](#) [ADMIN LOGIN](#)



USER LOGIN FORM

LOGIN FORM

Enter Email Id

Password

[Forgot Password](#)

[I Not register yet](#)

Books Listed

DASHBOARD



Online Library
Management System

LOG ME OUT

DASHBOARD

ISSUED BOOKS

ACCOUNT ▾

USER DASHBOARD



10

Books Listed



0

Books Not Returned Yet



Issued Books

ISSUED BOOKS

Books Listed



Online Library
Management System

LOG ME OUT

DASHBOARD

ISSUED BOOKS

ACCOUNT ▾

MANAGE ISSUED BOOKS

Issued Books



PHP And MySql programming
Technology
Anuj kumar
222333
Book Already issued



Murach's MySQL
Technology
Anuj kumar
9350237695
Book Already issued



WordPress for Beginners 2022: A Visual
Step-by-Step Guide to Mastering
WordPress
Technology
Dr. Andy Williams
B019L1C3WCM

ISSUED BOOKS

ACCOUNT MY PROFILE



Online Library
Management System

LOG ME OUT



Account Name: [Name]
Account ID: [ID]

DASHBOARD

ISSUED BOOKS

ACCOUNT ▾

MANAGE ISSUED BOOKS

Issued Books

10 records per page

Search:

#	Book Name	ISBN	Issued Date	Return Date	Fine In(USD)
1	ASP.NET Core 5 for Beginners	GBSJ36344563	2022-01-22 13:45:02	2022-01-22 13:45:23	0
2	C++ The Complete Reference, 4th Edition	007053246X	2022-01-22 13:08:09	2022-01-22 13:08:54	0

Showing 1 to 2 of 2 entries

Previous **1** Next

ACCOUNT - MY PROFILE



Online Library
Management System

LOG ME OUT

DASHBOARD ISSUED BOOKS ACCOUNT ▾

MY PROFILE

MY PROFILE

CHANGE PASSWORD

My Profile	
Student ID :	SID009
Reg Date :	2022-01-02 12:53:03
Last Updation Date :	2023-05-07 16:50:49
Profile Status :	Active
Enter Full Name	
	RAJ MOHAN
Mobile Number :	
	2355974527
Enter Email	
	test@gmail.com
<input type="button" value="Update Now"/>	

USER SIGNUP

CHANGE PASSWORD

SEARCH

localhost/library/change-password.php



Online Library
Management System

LOG ME OUT

DASHBOARD

ISSUED BOOKS

ACCOUNT ▾

USER CHANGE PASSWORD

MY PROFILE

CHANGE PASSWORD

Change Password

Current Password

Enter Password

Confirm Password

Change

USER SIGNUP



Online Library
Management System

HOME

USER LOGIN

USER SIGNUP

ADMIN LOGIN

USER SIGNUP

SINGUP FORM

Enter Full Name

Mobile Number :

Enter Email

Enter Password

Confirm Password

Register Now

ADMIN LOGIN



Online Library
Management System

[HOME](#) [USER LOGIN](#) [USER SIGNUP](#) [ADMIN LOGIN](#)

ADMIN LOGIN FORM

LOGIN FORM

Enter Username

Password

[LOGIN](#)

ADMIN LOGIN

ADMIN DASHBOARD

The screenshot displays the admin dashboard for an Online Library Management System. The browser address bar shows the URL `localhost/library/admin/dashboard.php`. The page header includes the system name and a 'LOG ME OUT' button. The navigation menu contains the following items: DASHBOARD, CATEGORIES, AUTHORS, BOOKS, ISSUE BOOKS, REG STUDENTS, and CHANGE PASSWORD. The main dashboard area is titled 'ADMIN DASHBOARD' and features five summary cards:

Icon	Value	Description
	10	Books Listed
	3	Books Not Returned Yet
	7	Registered Users
	12	Authors Listed
	7	

BOOKS NOT RETURNED YET

BOOKS LISTED



Online Library
Management System

LOG ME OUT


DASHBOARD CATEGORIES ▾ AUTHORS ▾ BOOKS ▾ ISSUE BOOKS ▾ REG STUDENTS CHANGE PASSWORD

MANAGE BOOKS

Books Listing


10 ▾ records per page

Search:

#	Book Name	Category	Author	ISBN	Price	Action
1	 The Complete Reference PHP And MySql programming	Technology	Anuj kumar	222333	20.00	Edit Delete

BOOKS NOT RETURNED YET

localhost/library/admin/manage-issued-books.php

 **Online Library Management System** [LOG ME OUT](#)

[DASHBOARD](#) [CATEGORIES](#) [AUTHORS](#) [BOOKS](#) [ISSUE BOOKS](#) [REG STUDENTS](#) [CHANGE PASSWORD](#)

MANAGE ISSUED BOOKS


Issued Books

10 records per page

Student #	Name	Book Name	ISBN	Issued Date	Return Date	Action
1	John Doe	PHP	123456	2023-05-07 16:41:24	Not Return Yet	Edit
2	John Doe	C++: The Complete Reference, 4th Edition	007053246X	2022-01-22 13:48:08	2022-01-22 13:48:22	Edit
3	John Doe	PHP And MySql programming	222333	2022-01-22 13:47:15	Not Return Yet	Edit

REGISTERED USERS

localhost/library/admin/reg-students.php

 **Online Library Management System** LOG ME OUT

DASHBOARD CATEGORIES ▾ AUTHORS ▾ BOOKS ▾ ISSUE BOOKS ▾ REG STUDENTS CHANGE PASSWORD

MANAGE REG STUDENTS

Reg Students


10 ▾ records per page Search:

Student #	ID	Student Name	Email Id	Mobile Number	Reg Date	Status	Action
1	SID002	Anuj kumar	anujk@gmail.com	9965472555	2022-01-02 12:53:03	Active	Inactive Details
2	SID005	sdfs	csfsd@dfsfs.com	8569710025	2022-01-02 12:53:03	Active	Inactive Details

LISTED CATEGORIES

AUTHORS LISTED

localhost/library/admin/manage-authors.php

 **Online Library Management System** LOG ME OUT

DASHBOARD CATEGORIES ▾ AUTHORS ▾ BOOKS ▾ ISSUE BOOKS ▾ REG STUDENTS CHANGE PASSWORD

MANAGE AUTHORS

Authors Listing


10 ▾ records per page Search:

#	Author	Creation Date	Updation Date	Action
1	Anuj kumar	2022-01-22 12:53:03	2022-01-22 12:53:03	Edit Delete
2	Chetan Bhagatt	2022-01-22 12:53:03	2022-01-22 12:53:03	Edit Delete
3	Anita Desai	2022-01-22 12:53:03	2022-01-22 21:53:41	Edit Delete
4	HC Verma	2022-01-22 12:53:03	2022-01-22 21:53:45	Edit Delete

LISTED CATEGORIES

ADD CATEGORY

localhost/library/admin/manage-categories.php

 **Online Library Management System** [LOG ME OUT](#)

[DASHBOARD](#) [CATEGORIES](#) [AUTHORS](#) [BOOKS](#) [ISSUE BOOKS](#) [REG STUDENTS](#) [CHANGE PASSWORD](#)

MANAGE CATEGORIES

Categories Listing

10 records per page Search:

#	Category	Status	Creation Date	Update Date	Action
1	Romantic	Active	2022-01-22 12:53:03	2022-01-22 12:53:03	Edit Delete
2	Technology	Active	2022-01-22 12:53:03	2022-01-22 12:53:03	Edit Delete
3	Science	Active	2022-01-22 12:53:03	2022-01-22 21:54:37	Edit Delete
4	Management	Active	2022-01-22 12:53:03	2022-01-22 21:54:35	Edit Delete

CATEGORY-

ADD CATEGORY

The screenshot displays the 'ADD CATEGORY' page of an 'Online Library Management System'. The browser address bar shows 'localhost/library/admin/add-category.php'. The navigation menu includes 'DASHBOARD', 'CATEGORIES', 'AUTHORS', 'BOOKS', 'ISSUE BOOKS', 'REG STUDENTS', and 'CHANGE PASSWORD'. A 'LOG ME OUT' button is located in the top right corner. The main content area is titled 'ADD CATEGORY' and features a form for adding a new category. The form is titled 'Category Info' and contains the following fields and options:

- Category Name:** A text input field.
- Status:** Radio buttons for 'Active' (selected) and 'Inactive'.
- Create:** A blue button to submit the form.

CATEGORY-

MANAGE CATEGORIES

localhost/library/admin/manage-categories.php

Online Library Management System

LOG ME OUT

DASHBOARD CATEGORIES ▾ AUTHORS ▾ BOOKS ▾ ISSUE BOOKS ▾ REG STUDENTS CHANGE PASSWORD

MANAGE CATEGORIES

Categories Listing

10 records per page

Search:

#	Category	Status	Creation Date	Update Date	Action
1	Romantic	Active	2022-01-22 12:53:03	2022-01-22 12:53:03	Edit Delete
2	Technology	Active	2022-01-22 12:53:03	2022-01-22 12:53:03	Edit Delete
3	Science	Active	2022-01-22 12:53:03	2022-01-22 21:54:37	Edit Delete
4	Management	Active	2022-01-22 12:53:03	2022-01-22 21:54:35	Edit Delete
5	General	Active	2022-01-22 12:53:03	2022-01-22 21:54:40	Edit Delete
6	Programming	Active	2022-01-22 12:53:03	2022-01-22 21:54:42	Edit Delete
7	BCA	Active	2023-05-07 16:32:46	0000-00-00 00:00:00	Edit Delete

Showing 1 to 7 of 7 entries

Previous 7 Next

AUTHORS --

ADD AUTHOR

The screenshot shows a web browser window with the address bar displaying 'localhost/library/admin/add-author.php'. The page header includes the 'Online Library Management System' logo and a 'LOG ME OUT' button. A navigation menu contains 'DASHBOARD', 'CATEGORIES', 'AUTHORS', 'BOOKS', 'ISSUE BOOKS', 'REG STUDENTS', and 'CHANGE PASSWORD'. The main content area is titled 'ADD AUTHOR' and features a form for adding a new author. The form is titled 'Author Info' and includes a field for 'Author Name' and an 'Add' button.

Browser address bar: localhost/library/admin/add-author.php

Page Title: Online Library Management System

Navigation Menu: DASHBOARD, CATEGORIES, AUTHORS, BOOKS, ISSUE BOOKS, REG STUDENTS, CHANGE PASSWORD

Form Title: Author Info


Form Field: Author Name

Form Button: Add

AUTHORS --

MANAGE AUTHOR

localhost/library/admin/manage-authors.php

 **Online Library Management System** LOG ME OUT

DASHBOARD CATEGORIES ▾ AUTHORS ▾ BOOKS ▾ ISSUE BOOKS ▾ REG STUDENTS CHANGE PASSWORD

MANAGE AUTHORS


Authors Listing

10 records per page Search:

#	Author	Creation Date	Updation Date	Action
1	Anuj kumar	2022-01-22 12:53:03	2022-01-22 12:53:03	Edit Delete
2	Chetan Bhagatt	2022-01-22 12:53:03	2022-01-22 12:53:03	Edit Delete
3	Anita Desai	2022-01-22 12:53:03	2022-01-22 21:53:41	Edit Delete
4	HC Verma	2022-01-22 12:53:03	2022-01-22 21:53:45	Edit Delete

BOOKS - ADD BOOK

localhost/library/admin/add-book.php

 **Online Library Management System** LOG ME OUT

DASHBOARD CATEGORIES ▾ AUTHORS ▾ BOOKS ▾ ISSUE BOOKS ▾ REG STUDENTS CHANGE PASSWORD

ADD BOOK

Book Info

Book Name* <input type="text"/>	Category* Select Category ▾
Author* Select Author ▾	ISBN Number* <input type="text"/> <small>An ISBN is an International Standard Book Number. ISBN Must be unique</small>
Price* <input type="text"/>	Book Picture* <input type="button" value="Choose File"/> No file chosen

BOOKS – MANAGE BOOKS



Online Library
Management System

LOG ME OUT

DASHBOARD

CATEGORIES ▾

AUTHORS ▾

BOOKS ▾

ISSUE BOOKS ▾

REG STUDENTS


CHANGE PASSWORD

MANAGE BOOKS

Books Listing

10 ▾ records per page


Search:

#	Book Name	Category	Author	ISBN	Price	Action
1	 The Complete Reference PHP PHP And MySql programming	Technology	Anuj kumar	222333	20.00	Edit Delete

ISSUE BOOKS-

ISSUE A NEW BOOK

localhost/library/admin/issue-book.php

 **Online Library Management System** LOG ME OUT

DASHBOARD CATEGORIES ▾ AUTHORS ▾ BOOKS ▾ ISSUE BOOKS ▾ REG STUDENTS CHANGE PASSWORD

ISSUE A NEW BOOK

Issue a New Book

Srtudent Id*

ISBN Number or Book Title*

ISSUE BOOKS-

MANAGE ISSUED BOOKS

localhost/library/admin/manage-issued-books.php

Online Library Management System

LOG ME OUT

DASHBOARD CATEGORIES ▾ AUTHORS ▾ BOOKS ▾ ISSUE BOOKS ▾ REG STUDENTS CHANGE PASSWORD

MANAGE ISSUED BOOKS

Issued Books

10 records per page

Search:

Student #	Name	Book Name	ISBN	Issued Date	Return Date	Action
1	John Doe	PHP	123456	2023-05-07 16:41:24	Not Return Yet	Edit
2	John Doe	C++: The Complete Reference, 4th Edition	007053246X	2022-01-22 13:48:08	2022-01-22 13:48:22	Edit
3	John Doe	PHP And MySql programming	222333	2022-01-22 13:47:15	Not Return Yet	Edit

REG STUDENTS

MANAGE REG STUDENTS

localhost/library/admin/reg-students.php

Online Library Management System

LOG ME OUT

DASHBOARD CATEGORIES v AUTHORS v BOOKS v ISSUE BOOKS v REG STUDENTS CHANGE PASSWORD

MANAGE REG STUDENTS

Reg Students

10 records per page Search:

#	Student ID	Student Name	Email Id	Mobile Number	Reg Date	Status	Action
1	SID002	Anuj kumar	anujk@gmail.com	9865472555	2022-01-02 12:53:03	Active	Inactive Details
2	SID005	sdfsd	csfsd@dfsfs.com	8569710025	2022-01-02 12:53:03	Active	Inactive Details

CONSTRAINTS & LIMITATIONS OF PROPOSED SYSTEM

USER CHANGE PASSWORD

1. The proposed "Library Management System" System is interactive web application.

The screenshot shows a web browser window with the URL `localhost/library/admin/change-password.php`. The page title is "Online Library Management System" and includes a "LOG ME OUT" button. A navigation menu contains: DASHBOARD, CATEGORIES, AUTHORS, BOOKS, ISSUE BOOKS, REG STUDENTS, and CHANGE PASSWORD. The main content area is titled "USER CHANGE PASSWORD" and contains a form with the following fields and buttons:

- Change Password (text input)
- Current Password (text input)
- Enter Password (text input)
- Confirm Password (text input)
- Change (button)

2. Skilled person is required in organization.

3. Photos Of The member's cannot add to the system.

CONSTRAINTS & LIMITATIONS OF PROPOSED SYSTEM

CONSTRAINTS:

1. The proposed "Library Management System" System is interactive less time consumable.
2. The system gives result accurate & faster than the manual System.
3. The proposed system gives various report about system tools.
4. The system is suitable for any organizational store.
5. Easy Keep Track Library Records.

Limitation:

1. As there requirement of computer, the organization should have the computer.
2. Skilled person is required in organization.
3. Photos Of The member's cannot add to the system.

Conclusion:

By all discussion we can conclude that computerized System developed by me is very useful for the organization. Computerized system reduced lost of paper work .The data can be stored in computer memory and we can take hard copies of data when we want.

The other thing is that by making some changes this Software can be used for other organizational store.

www.PHPP.com <http://www.mrda.microsoft.com>

BIBLIOGRAPHY

For the completion of this system and documentation we have referred the following book & websites.

1. PHP Black Book

2. Google Search

www.PHPpoint.com <http://msdn.microsoft.com>