SSR COLLEGE OF ARTS, COMMERCE & SCIENCE SILVASSA

(Affiliated to Savitribai Phule Pune University, NAAC Accredited with B+ Grade)

Submitted to the partial fulfillment of

T.Y BBA(CA)
2022-2023

Project Work

"GOLDEN BAKERY"

Guided By:
MR. IMTIYAZ PADARSHI

Submitted By:
AMAN GUPTA

SSR COLLEGE OF ARTS, COMMERCE & SCIENCE SILVASSA

(Affiliated to Savitribai Phule Pune University, NAAC Accredited with B+ Grade)

Sayli, Silvassa-396230, D&N.H

Department of Computer Application

CERTIFICATE

This is to certify that Mr. **AMAN KUMAR GUPTA of** T.Y.B.B.A [Computer Application] has successfully completed his project work on the topic **GOLDEN BAKERY** in the academic year 2022-2023.

Project Guide **H.O.D**

Seal of the College

Internal Examiner **External Examiner**

ACKNOWLEDGEMENT

It is a great pleasure to acknowledge and express our deep sense of gratitude to **SSR College of ARTS COMMERCE & SCIENCE** for giving an opportunity to such project.

I extremely grateful and remain indebted to our guide **Mr IMTIYAZ PADARSHI** for being a source of inspiration and for his constant support in the Design, Implementation and Evaluation of the project. I am thankful to him, for his constant constructive criticism and valuable suggestions, which benefited us a lot while developing the project on **GOLDEN BAKERY**. He has been a constant source of inspiration and motivation which helped us to complete this project successfully.

I would like to thank Savitribai Phule Pune University for providing us an opportunity to apply our knowledge and skills in a practical environment as a part of curriculum for **T.Y.B.B.A [Computer Application].**

Lastly but significantly, we express sincere gratitude to all our friends and fellow students at SSR College for their help and timely advice on various occasions during this project.

Project Associates:

- **AMAN KUMAR GUPTA**

ABSTRACT

The project titled **"GOLDEN BAKERY"** is designed with IDE-Visual STUDIO (HTML, CSS, JAVASCRIPT, PHP) as front end and XAMPP as back end.

There are different items available in bakery; many customers will order at different time from the catalogue online, after ordering a confirmation of response will be shown on next page.

This system is implemented to reduce the manual work and enhances the accuracy of work in a bakery. This system manages and maintains the records of customers and their order.

The Webpages are made in user-friendly interface to grab the screen quickly. The system is totally built at users end(client side).

The design form and the data report screenshots, advantages and limitations data dictionary, and future enhancement have been included.

goINDEX

1. INTRODUCTION

1.1 INTRODUCTION TO SYSTEM

"GOLDEN BAKERY" is a collection of webpages. This system is developed to automate day today activity of a bakery. Bakery is a kind of business that serve people with readymade foods.

This system can be used by employees in a bakery to handle the clients, their orders and can help them easily find the menu or place orders. The services that are provided is food ordering and customer information management, menu information management. The bakery menu is organized by categories (bread, cake, pastries, cookies) are its items.

Main objective to build the system is to provide ordering and billing service to the customer. Each menu item has a name and price.

Online Bakery system is the system for managing the bakery business. After successful login the user can access the catalogue page with items listed.

The project has been developed because many bakery have a lot difficulty to manage the business. By using manual method it is difficult to keep the correct customer information and may be loss the customer information.

1.2 SCOPE OF THE SYSTEM

The webpage deals with creating a bakery system which will automate the major bakery operations such as billing, keeping tracks of records of daily transactions.

Scopes that have been considered during the development of the project are as follows:

1. User Friendly
2. Easily Upgradable
3. Updating, Insertion
4. System Consistency
5. Allowing Keyboard Inputs
6. Easy Database Handling

2. TOOL INFORMATION

2.1 FRONT END TOOL

MICROSOFT VISUAL STUDIO

It is an Intergrated Development Environment from Microsoft. It is used to develop computer programs, as well as websites, web apps, web services, and mobile apps. It supports 36 different programming languages. The most basic edition of Visual Studio, the Community edition, is available free of charge. Under which we wrote html, css, php pages.

Visual Studio includes a code editor supporting IntelliSense(the code completion component).

It makes it very easy to get the user interface portion of your application up and running. It provides a fast way to work under web development.

To develop any system with the back-end tools which provide access to the database and also solves the database queries, to make system interactive with the user, the use of front end tools comes into the picture. The front-end tools make the user interface with the system easier and also provide a user-friendly environment to the system.

2.2 BACK END TOOL

XAMPP v3.3.0

XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.

It has got the following advantages:

- Define a database
- Query the database
- Add, update and delete the data
- Modify the structure of the database
- Secure data from public access.
- Communicate within network
- Export and import data

SQL is a structured query language that we use to communicate with XAMPP server.

3 .ANALYSIS

3.1 FEASIBILITY STUDY

The objective of the feasibility study is to solve the problem and to acquire the ease of its scope. Feasibility means practicable. The feasibility analysis focuses on the fact that whether the project will be acceptable or not. If the feasibility analysis confirms that the project is feasible, it can be taken up for development. In preliminary investigation we found that project feasible.

Types of Feasibility:

a. Operational Feasibility

Operational feasiblility makes a mark on whether the project can be done with full requirements that the clients provide or not. Includes following:

1. Analysing all requirements.
2. Can be done in given period of time or not.

b. Technical Feasibility

Technical feasibility takes into account the technical aspect of the project includes the following:

1. Whether the project can be implemented with the existing technology or not.
2. Whether the project technically compatible or not.

c. Economical Feasibility

It determines whether the requirement software is capable of generating financial gains for an organization. It involves the cost incurred on the software development team estimated cost of hardware and cost of performing feasibility study and so on.

Studying the feasibility of the project, the project can be implemented with the given period of time and with the existing or specified technology. Hence, we can conclude that this project is feasible.

4. SOFTWARE AND HARDWARE REQUIREMENTS

4.1 SOFTWARE REQUIREMENT

Software used in the designing (code) of the system:

Operating system: Windows 10

Application Softwares:

- ✓ Microsoft Visual Studio [Front-End Tool]
- ✓ XAMPP [Back-End Tool]

4.2 HARDWARE REQUIREMENT

To run the application software of the system in the computer, the minimum hardware configuration required is as below:

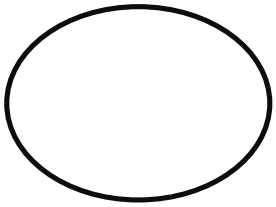
- 1.7 GHz Pentium processor or other compatible
- Intel chipset motherboard
- 4 GB RAM
- Color Monitor or LCD
- Keyboard
- Mouse
- Printer

5. SYSTEM DESIGN

5.1 DATA FLOW DIAGRAM

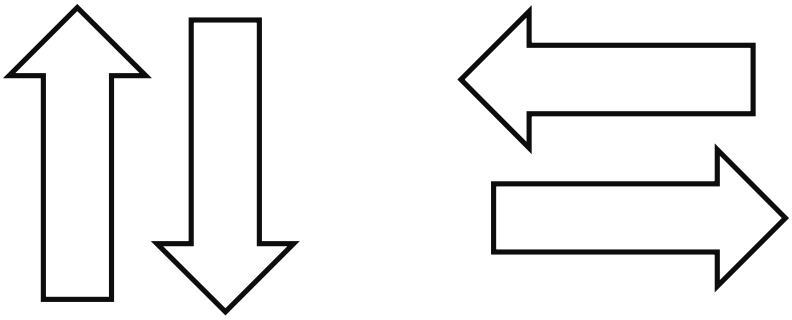
The data flow diagram are pictorial or graphical representation of the system study. The data flow covers all the processes and data storage area, which takes place during any transaction in the system. The data flow diagrams are functionally into context level, zero level diagrams.

a. **Process:** Here flow of data is transformed

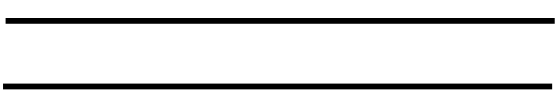


b. **External Entity:** A source or destination of data, which is external to the system.

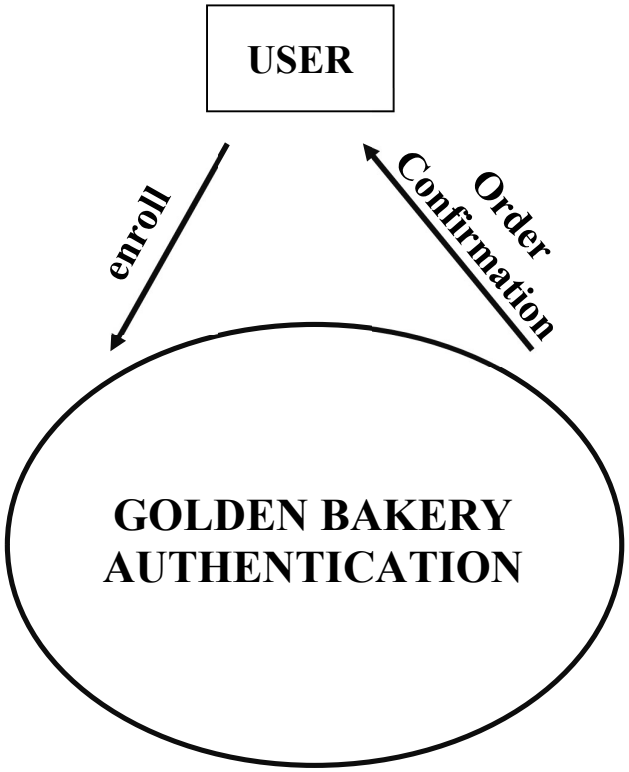
c. **A Data Flow:** It is a packet of data. It may be in the form of document, letter, etc.



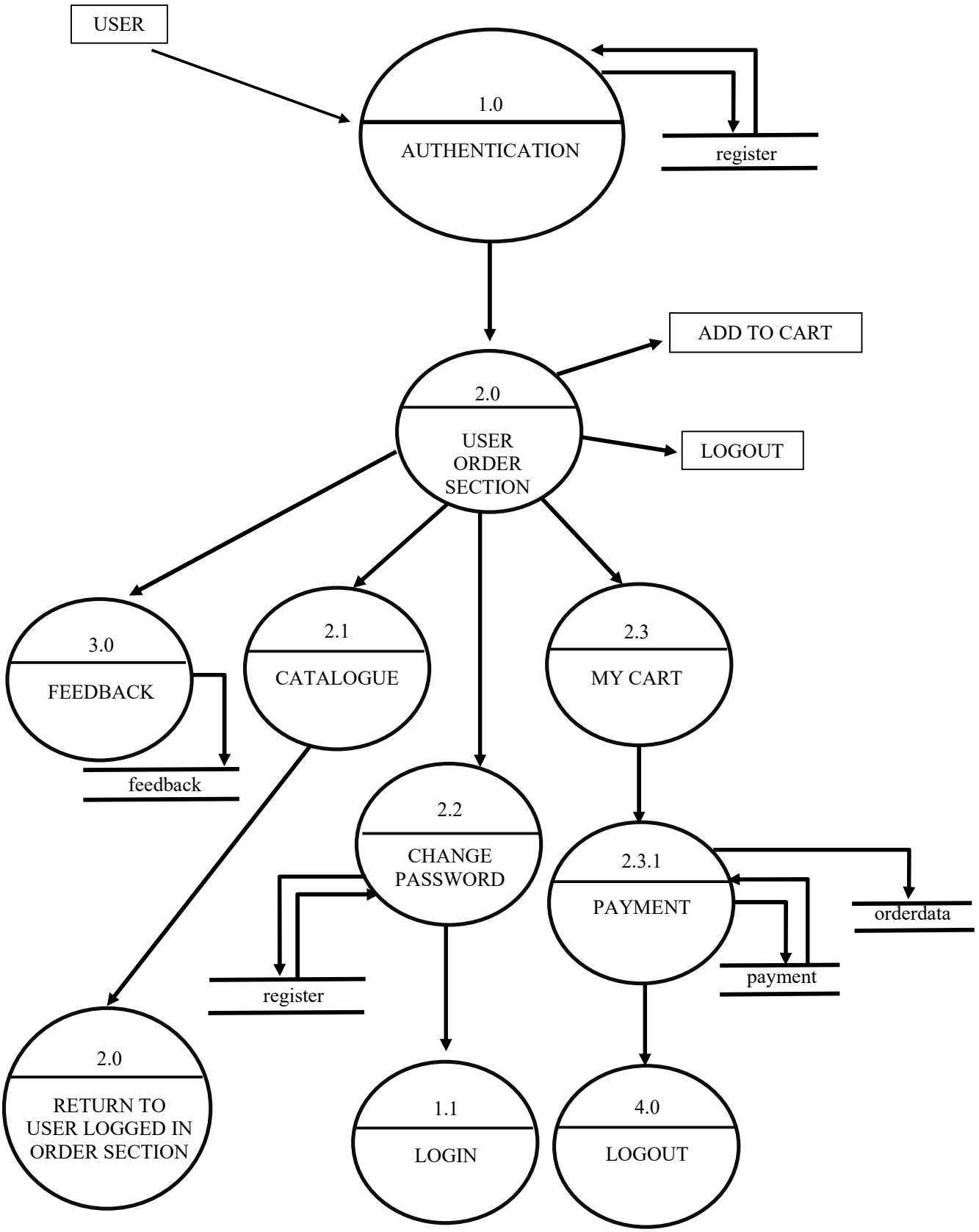
d. **Data storage:** Any storage of data but with no reference to physical memory of storing.



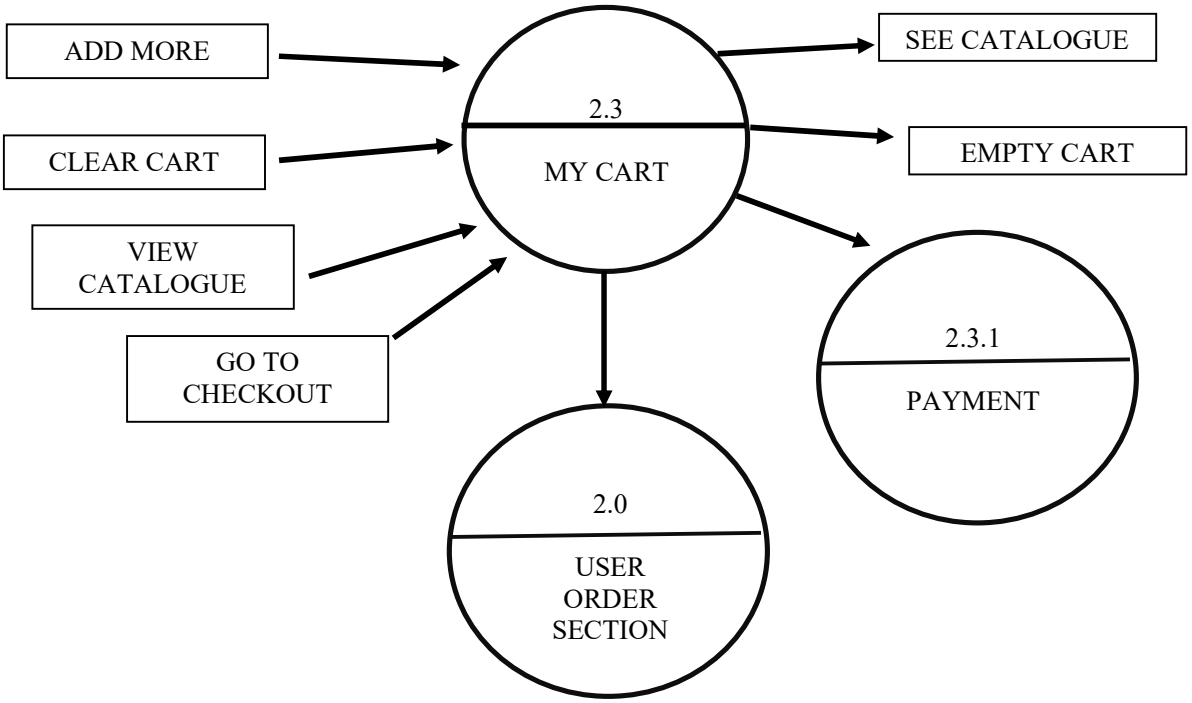
ZERO LEVEL DATA FLOW DIAGRAM



FIRST LEVEL DATA FLOW DIAGRAM



SECOND LEVEL DATA FLOW DIAGRAM



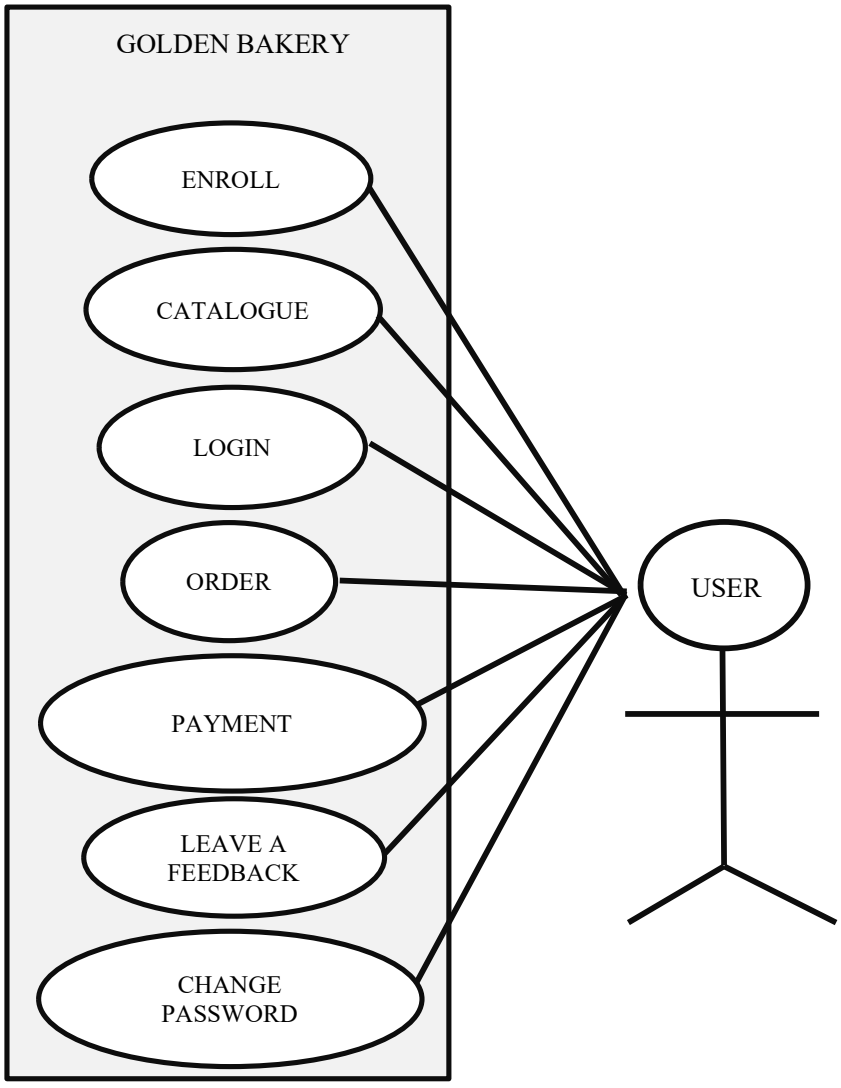
5.2 USE CASE DIAGRAM

A use case diagram is a graphical depiction of a user's possible interactions with a system. A use case diagram shows various use cases and different types of users the system has and will often be accompanied by other types of diagrams as well.

The use cases are represented by either circles or ellipses. It specify the expected behavior and not the exact method of making it happen.

A use case diagram is usually simple. It does not show the detail of the use cases:

- It only summarizes some of the relationships between use cases, actors, and systems.
- It does not show the order in which steps are performed to achieve the goals of each use case.



5.3 DATA DICTIONARY

Data dictionary is a repository that contains description of all the data objects consumed By the software. It is a list of names used by the system alphabetically. As well as the name, the dictionary should include a description of the named entity and, If the name represents of a composite object, there may be description of the name entity. Other information such as the date of creation, creator and the representation. Entity may also include depending on the type of module, which is being developed. The data dictionary software can check for name uniqueness and tell requirements analyst duplication.

It serves as store of organizational information which can link analysis, design, implementation and evolution. As the system is developed, information is taken to inform the development. New information is added in it. All information about entity is in one place.

DATA REPORTS :

TABLE : **register**

Field Name	Data Type	Description
Datetime	Timestamp	Auto Stores users input time.
firstName	varchar(10)	Stores users first name
lastName	varchar(10)	Stores users last name
dob	date	Stores users D.O.B
Email	varchar(15)	Stores users email
contact	bigint(10)	Stores users mobile no.
aadhar	bigint(12)	Stores users aadhar no.
username	varchar(14)	Stores users username
password	varchar(15)	Stores users password
gender	varchar(6)	Stores users gender
address	varchar(40)	Stores users address

TABLE : **feedback**

Field Name	Data type	Description
Datetime	Timestamp	Auto Stores users input time
fullname	varchar(20)	Stores users fullname
email	varchar(15)	Stores users email-id
msg	varchar(50)	Stores users message

TABLE : **Payment**

Field Name	Data type	Description
Datetime	Timestamp	Auto stores users input time
Username	varchar(10)	Stores users username
All Product	varchar(200)	Stores users selected items
Total Quantity	int(5)	Stores total quantity
Total Amount	int(5)	Stores final pay amount

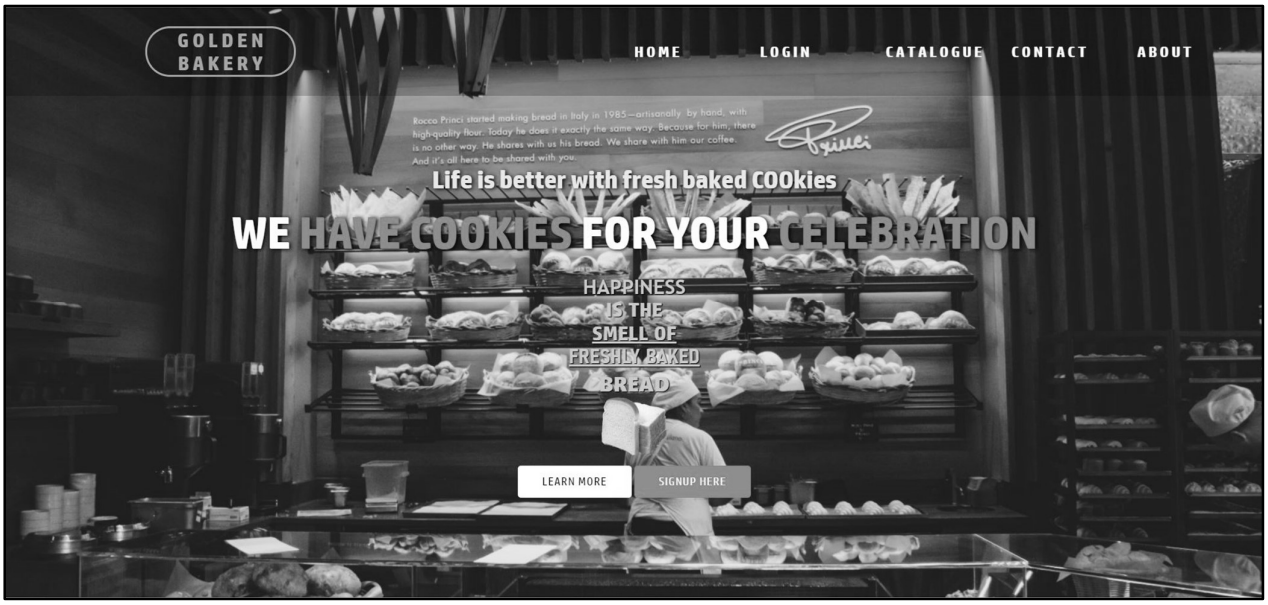
TABLE : **orderdata**

Field Name	Data type	Description
Datetime	Timestamp	Auto stores users input time
Username	varchar(10)	Stores users username
All Product	varchar(200)	Stores users selected items
Total Quantity	int(5)	Stores total quantity
Total Amount	int(5)	Stores final pay amount

6. INPUT AND OUTPUT DESIGN

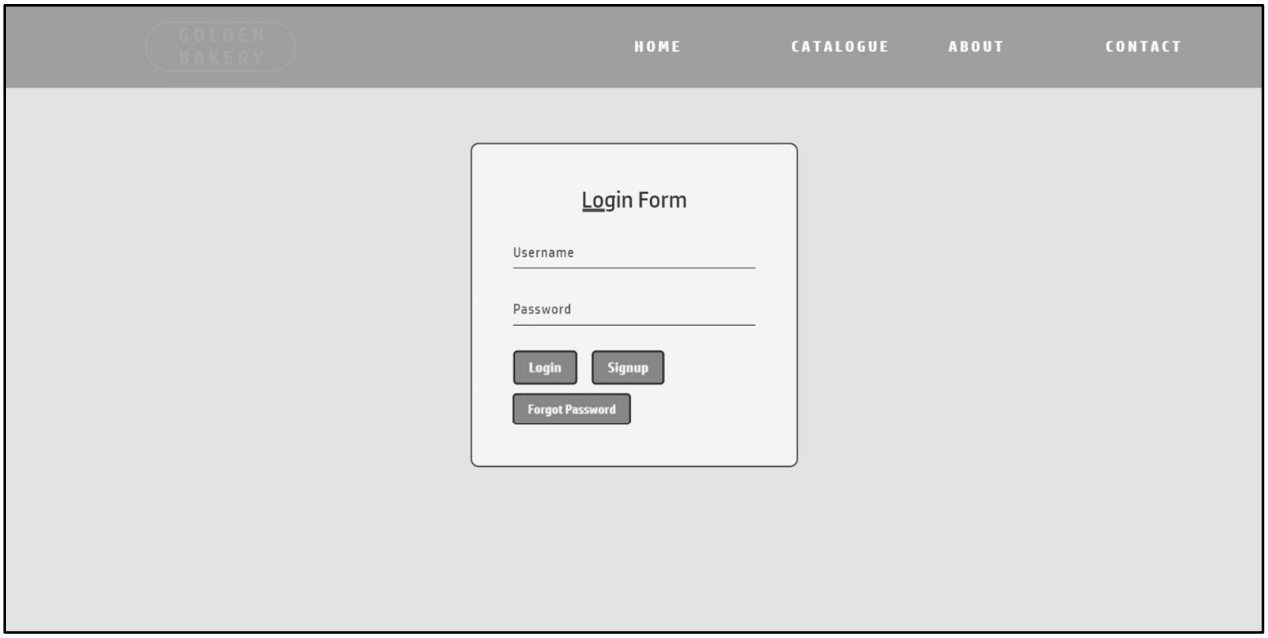
6.1 SCREENSHOTS

HOME FORM:

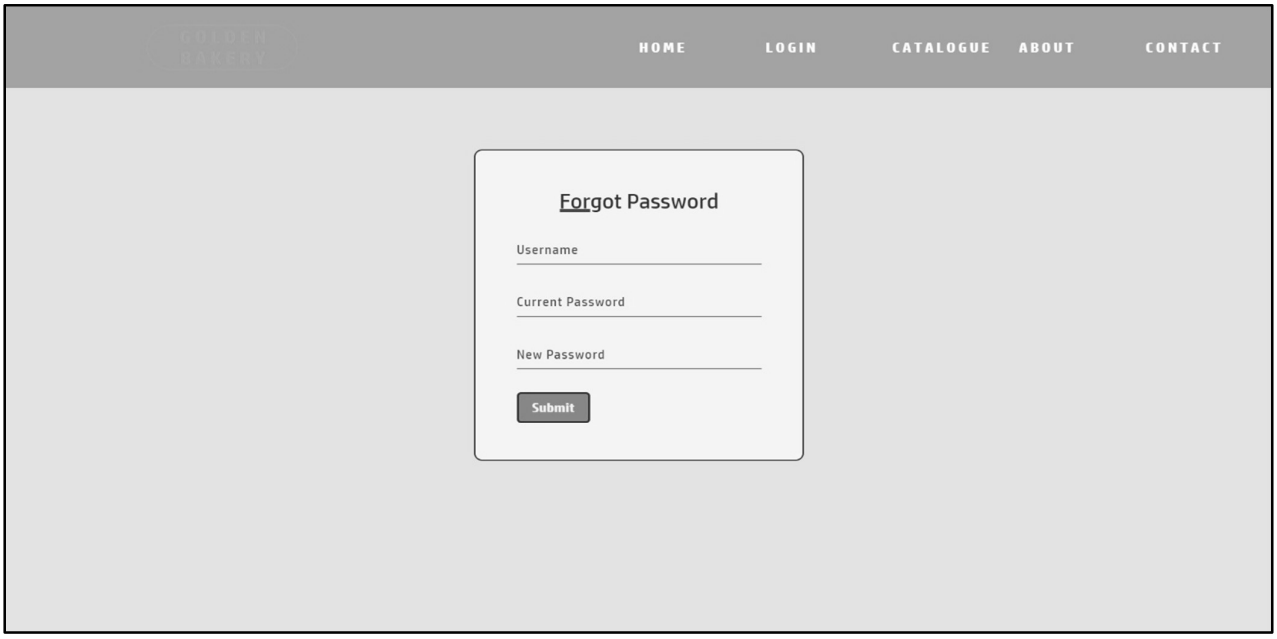


REGISTRATION FORM:

LOGIN FORM:



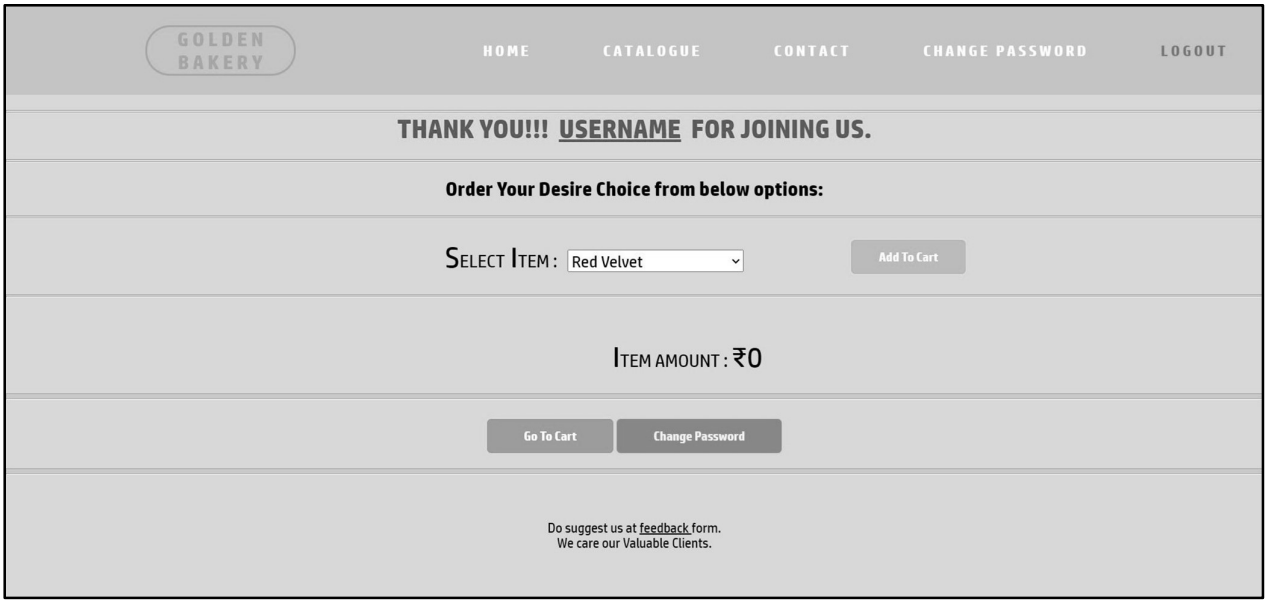
FORGET PASSWORD PAGE:



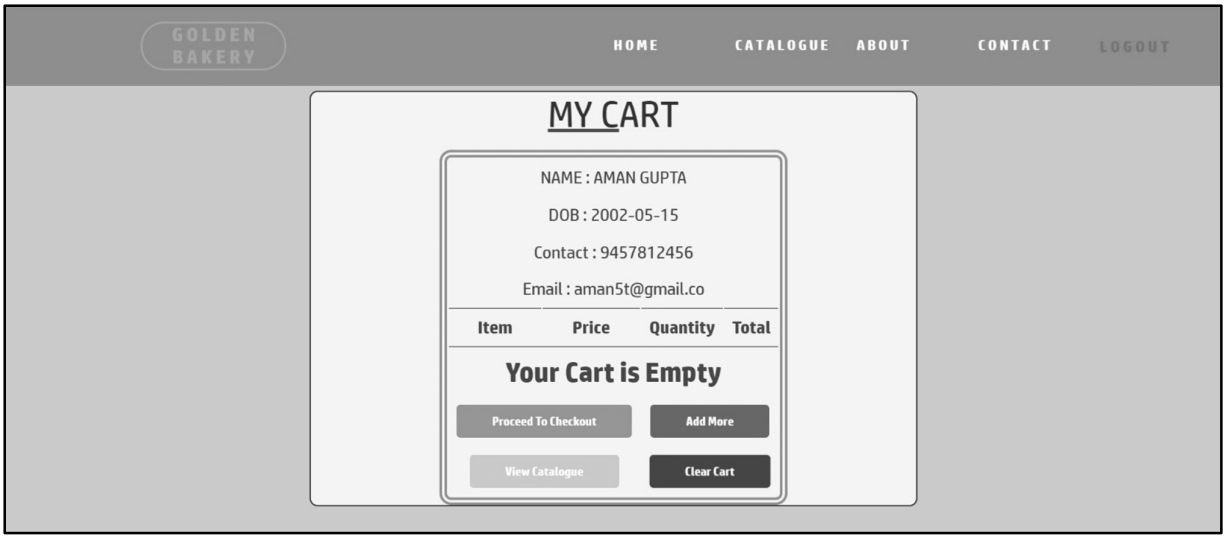
CATALOGUE PAGE:

CATALOGUE FOR LOGGED IN USERS:

USERPAGE:



CART PAGE:



ORDER PAGE

Order Placed Successfully...

Name : AMAN GUPTA
Contact : 9457812456

Item	Red Velvet
Total Amount	₹ 600
Mode of Payment	Cash on Delivery
Quantity	1

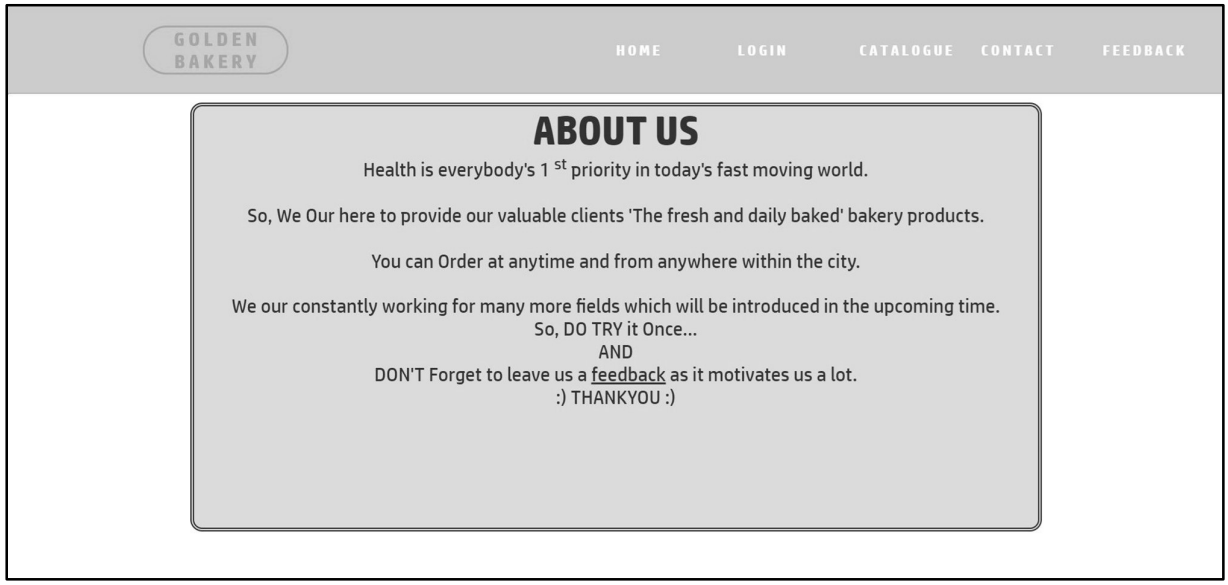
You will receive a Confirmation Order and the estimated date of delivery.

Do suggest us at feedback form.
We care our Valuable Clients.

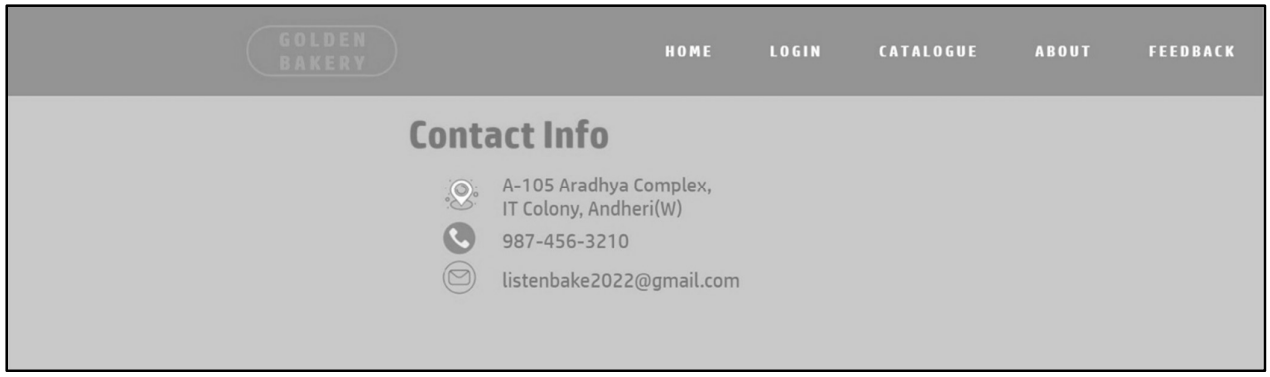
FEEDBACK PAGE

THANK YOU PAGE:

ABOUT PAGE

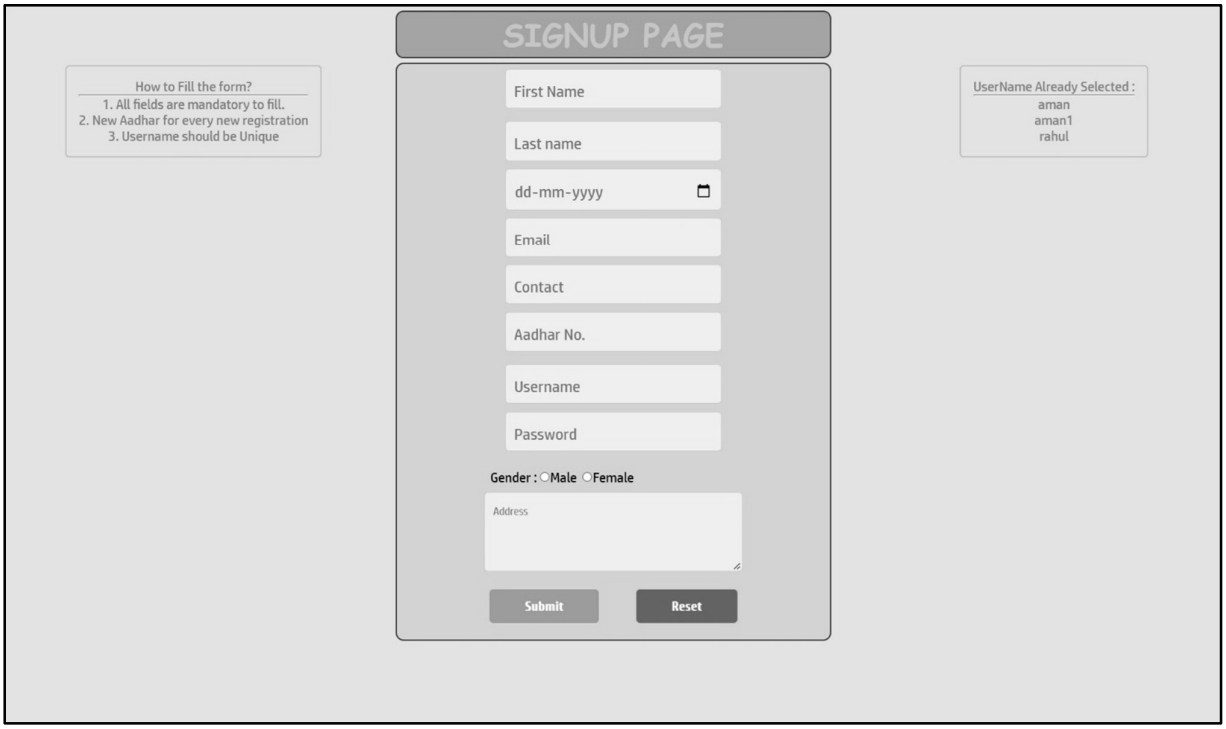


CONTACT PAGE:

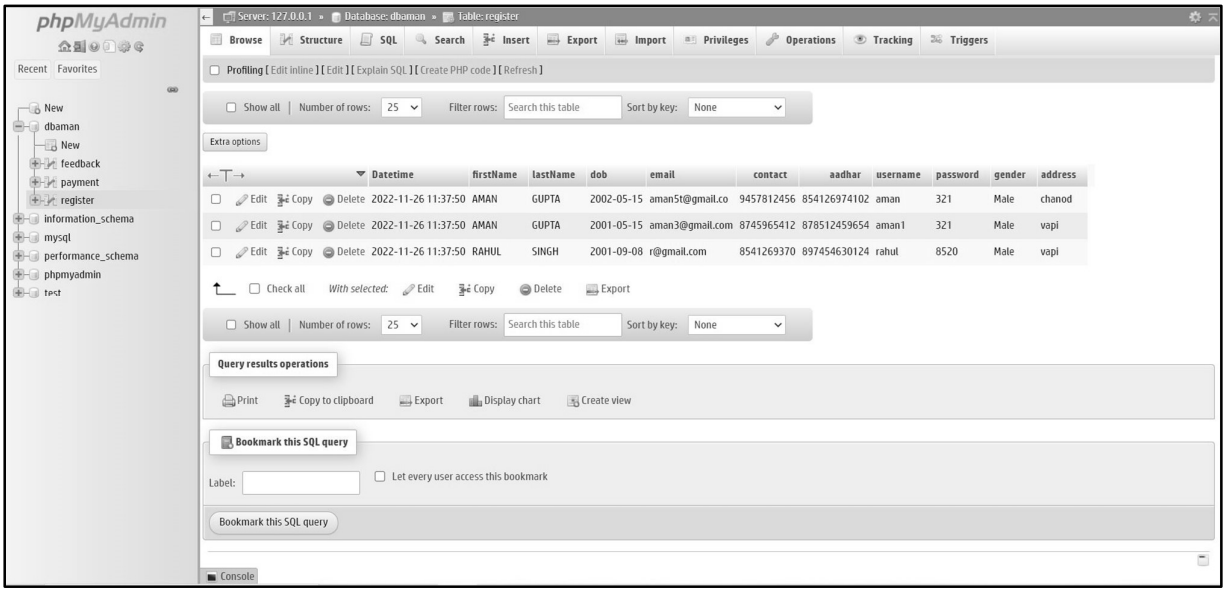


7. REPORTS

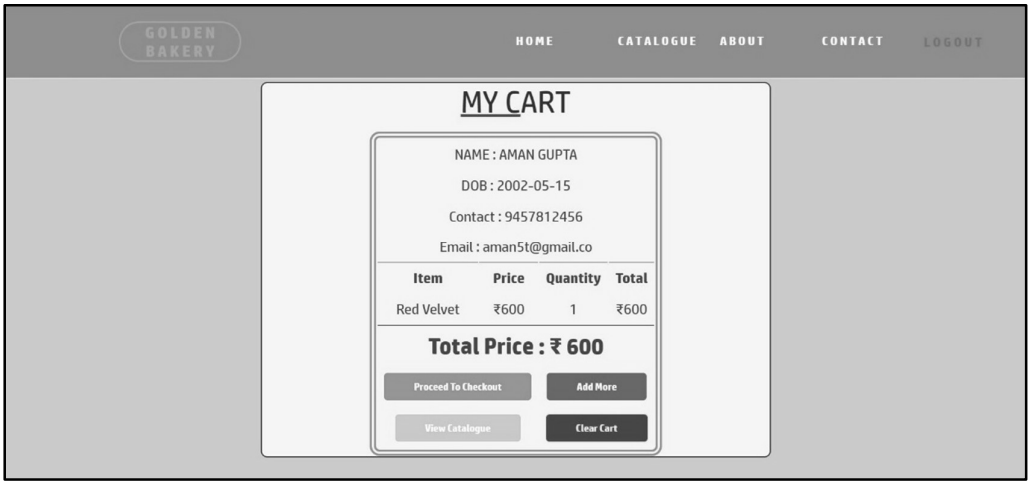
REGISTRATION PAGE:



DATA REPORT:

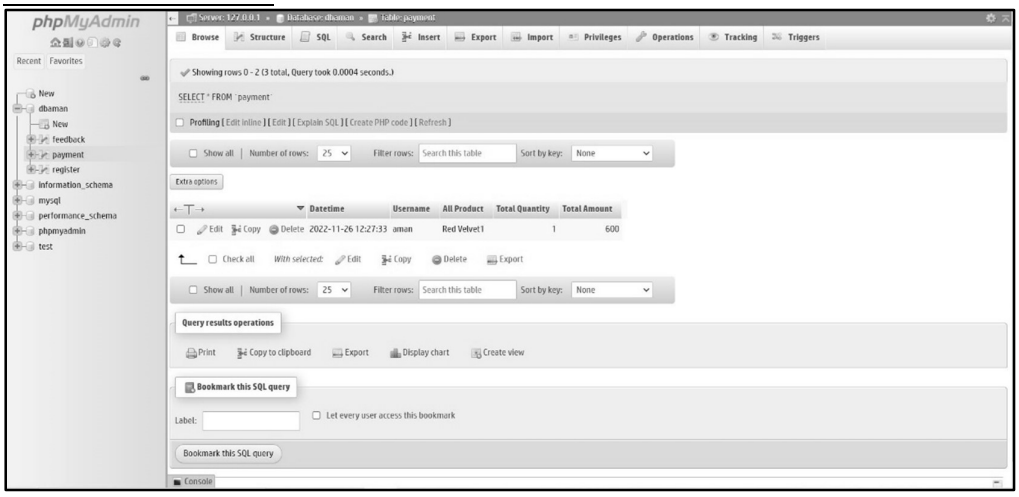


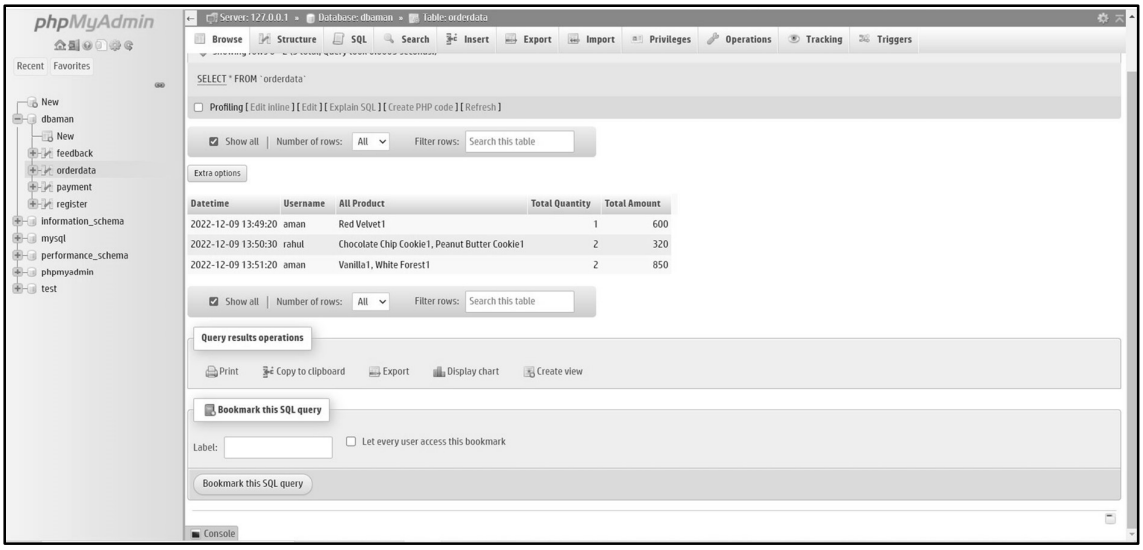
CART PAGE:



ORDER PAGE:

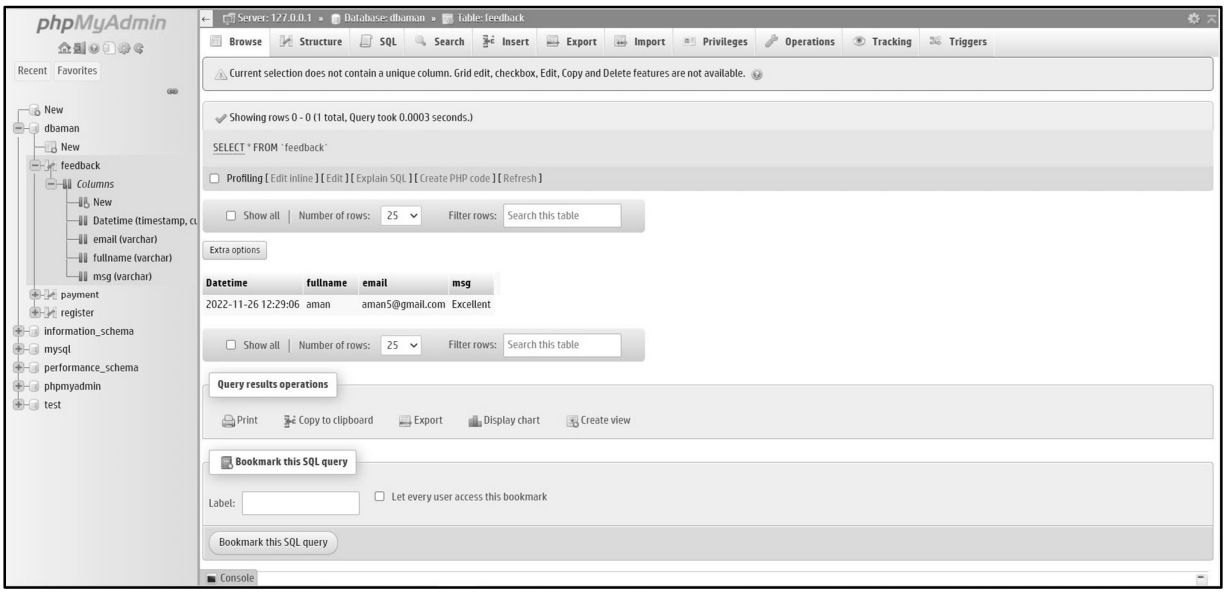
DATA REPORTS:





FEEDBACK:

DATA FEEDBACK:



7. ADVANTAGES AND LIMITATIONS

ADVANTAGES :

The system successfully meets the following requirements:

- Stores and maintains customer information.
- Forgotten passwords can be recovered through valid processes
- Easy calculation of selected items for billing.
- Can update user information.
- Shows the already selected username for new unique entry.
- Easy view of catalogue(bread, cake, pastries, cookies).
- Can add or remove the selected items.
- User could feeds us in feedback form.

VALIDATION OF DATA:

- Invalid input is prompted using proper message boxes.
- Incorrect username and passwords are not accessed.
- Forgotten password can be recovered through valid processes.

LIMITATIONS :

- Copyright violation.
- Its client side project.
- No admin page.
- Limited items in catalogue.
- It requires further development as per the human requirements, specially in the field of server side.

9. FUTURE ENHANCEMENT

The program is user-friendly. Proper used of well reserved words gives user ease of understanding. The future holds a lot to offer to the development and refinement of this project. As proper documentation exists the whole system flow is traceable. Some likely enhancements could be added in the future to enhance the capability of this program.

We may conclude that this Web program created will definitely find a good market in the bakery shops.

10. BIBLIOGRAPHY

WEB REFERENCE :

- www.google.com
- www.youtube.com
- www.stackoverflow.com
- www.javatpoint.com
- www.w3schools.com