



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:

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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.

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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 feasibility 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:

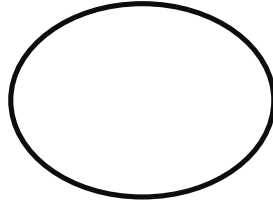
- 1.7 GHz Pentium processor or other compatible
- Intel chipset motherboard
- 4 GB RAM
- Color Monitor or LCD
- Keyboard
- Mouse
- Printer

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.

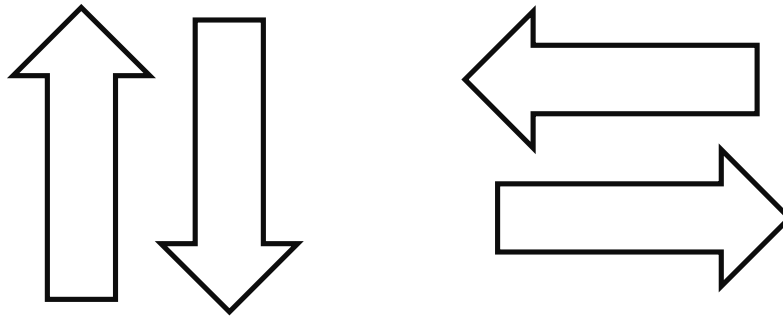
- a. **Process:** Here flow of data is transformed



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



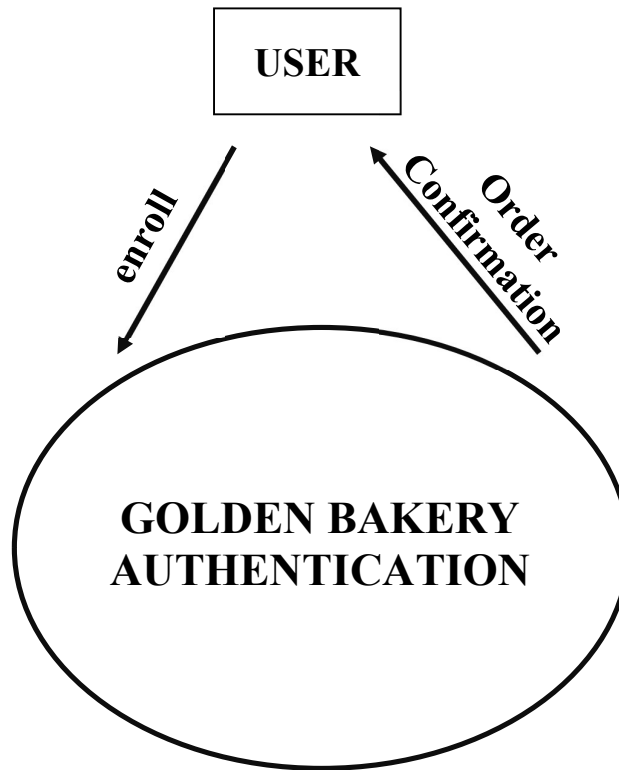
- c. **A Data Flow:** It is a packet of data. It may be in the form of document, letter, etc.



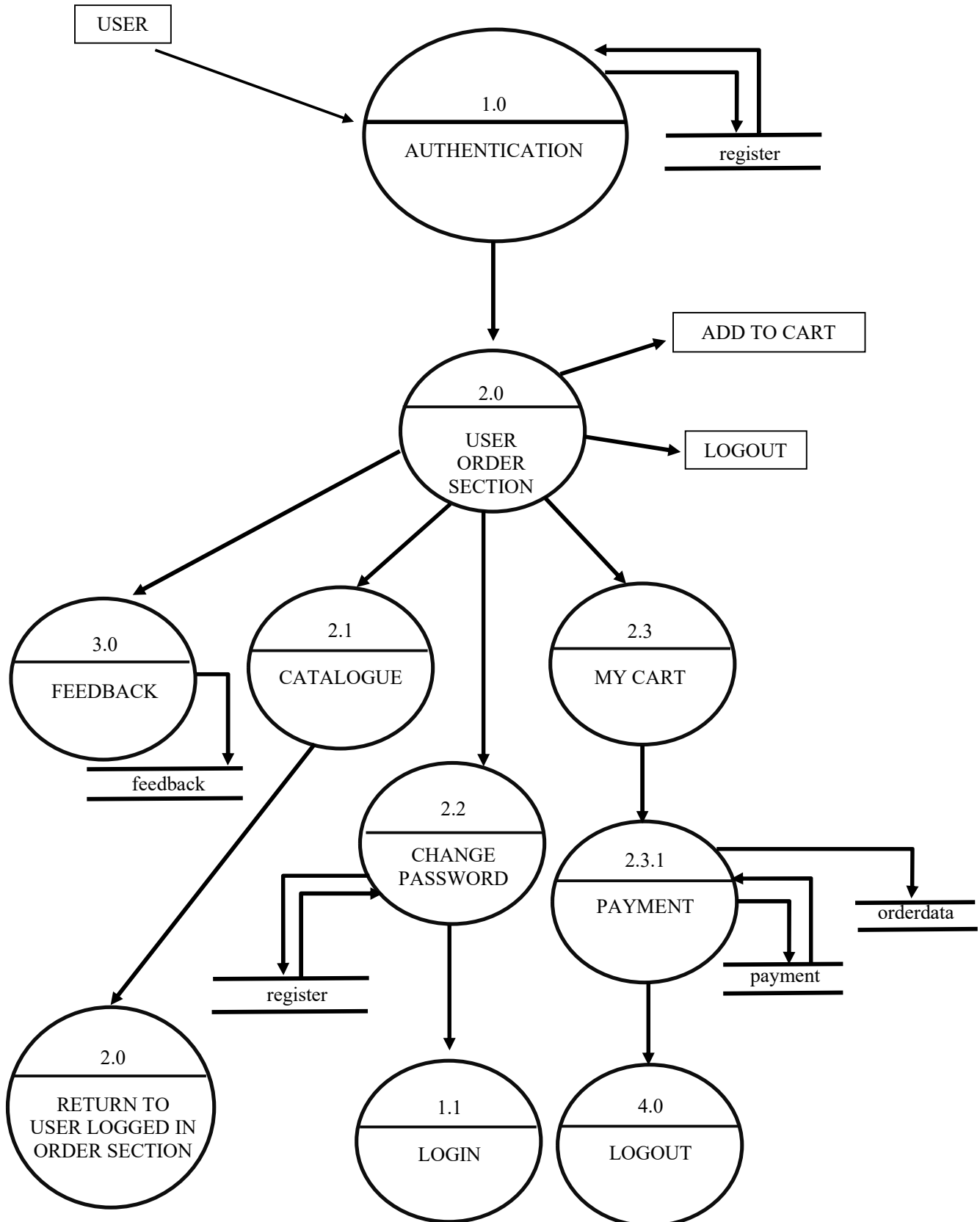
- d. **Data storage:** Any storage of data but with no reference to physical memory of storing.



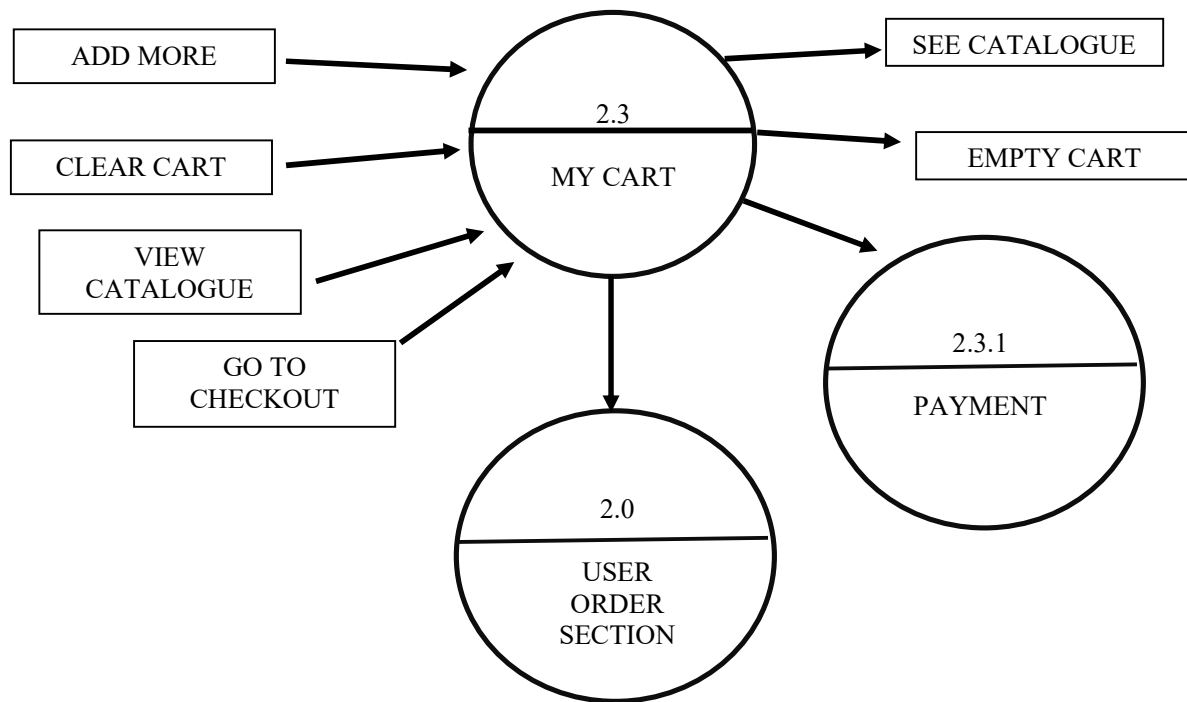
ZERO LEVEL DATA FLOW DIAGRAM



FIRST LEVEL DATA FLOW DIAGRAM



SECOND LEVEL DATA FLOW DIAGRAM



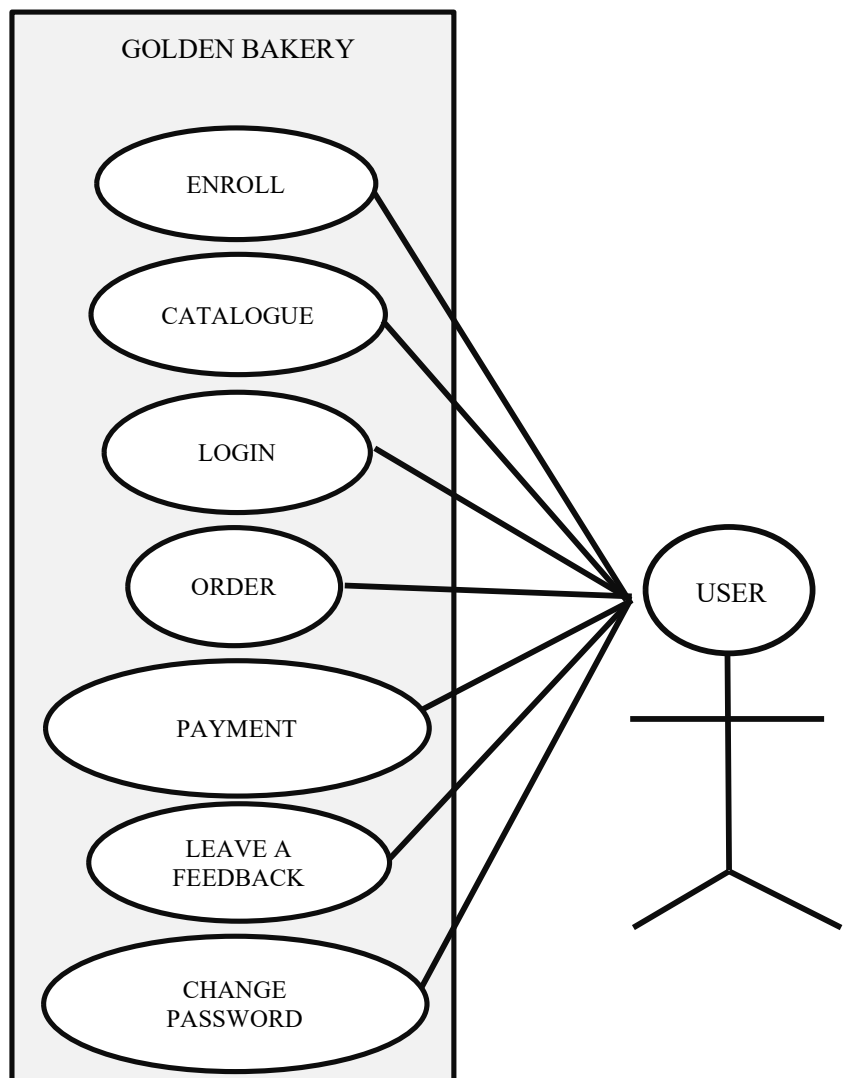
5.2 USE CASE DIAGRAM

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 specifies 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 |

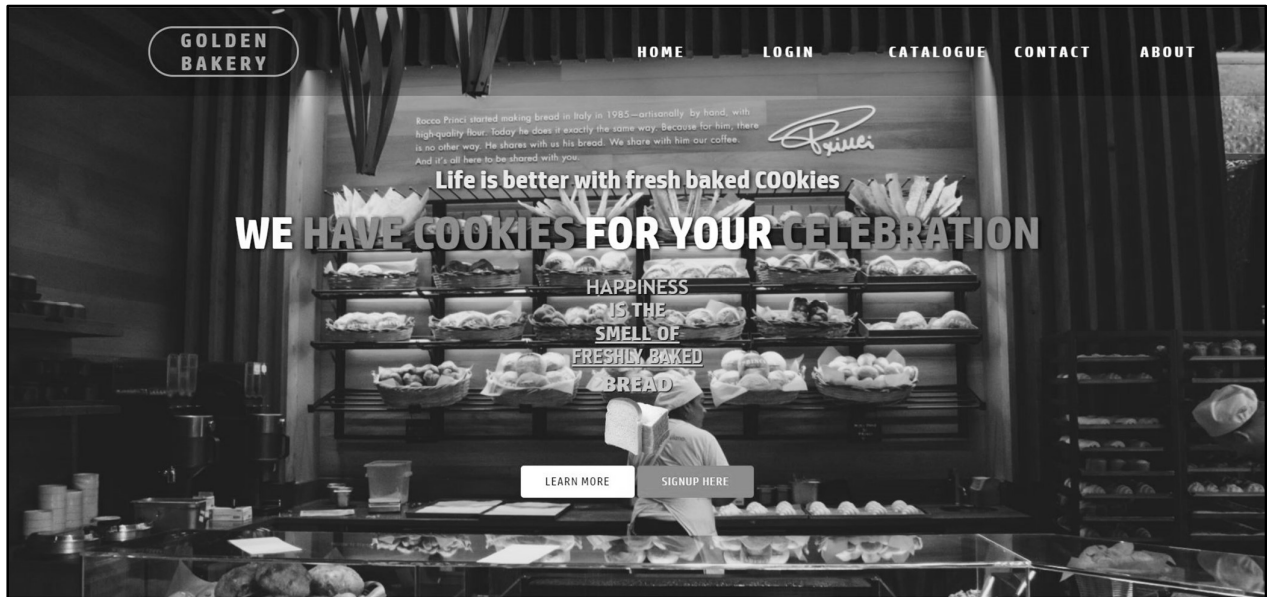
TABLE : orderdata

| 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:

How to Fill the form?

1. All fields are mandatory to fill.
2. New Aadhar for every new registration
3. Username should be Unique

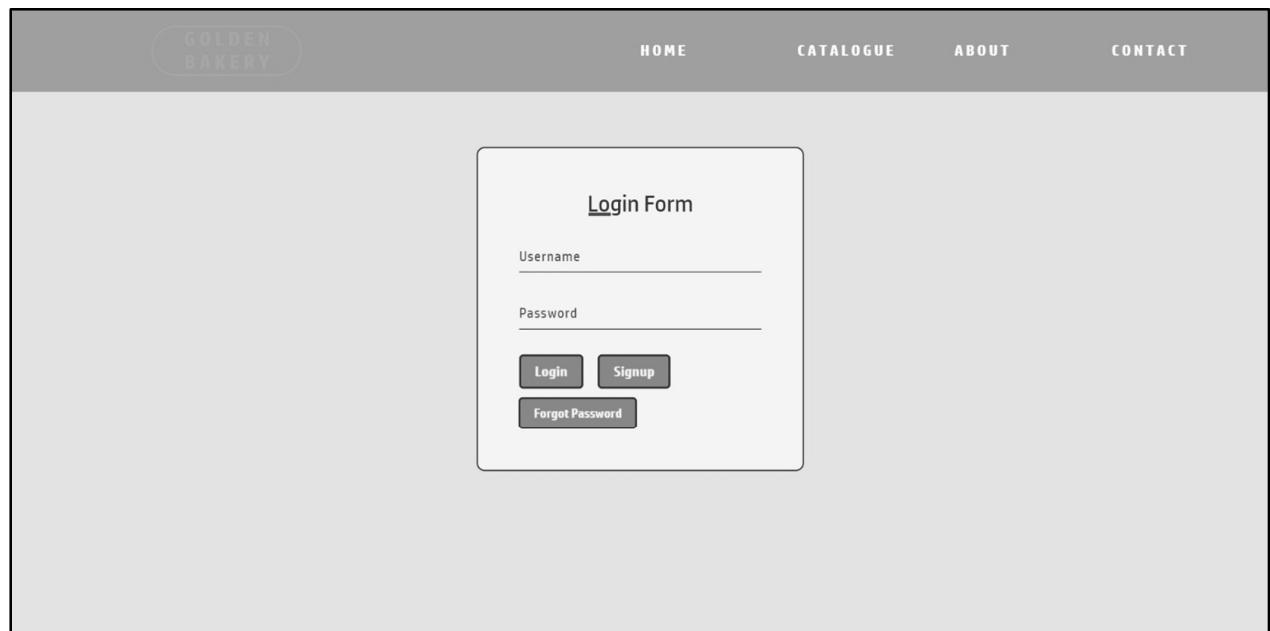
SIGNUP PAGE

Gender : ☐ Male ☐ Female

UserName Already Selected :

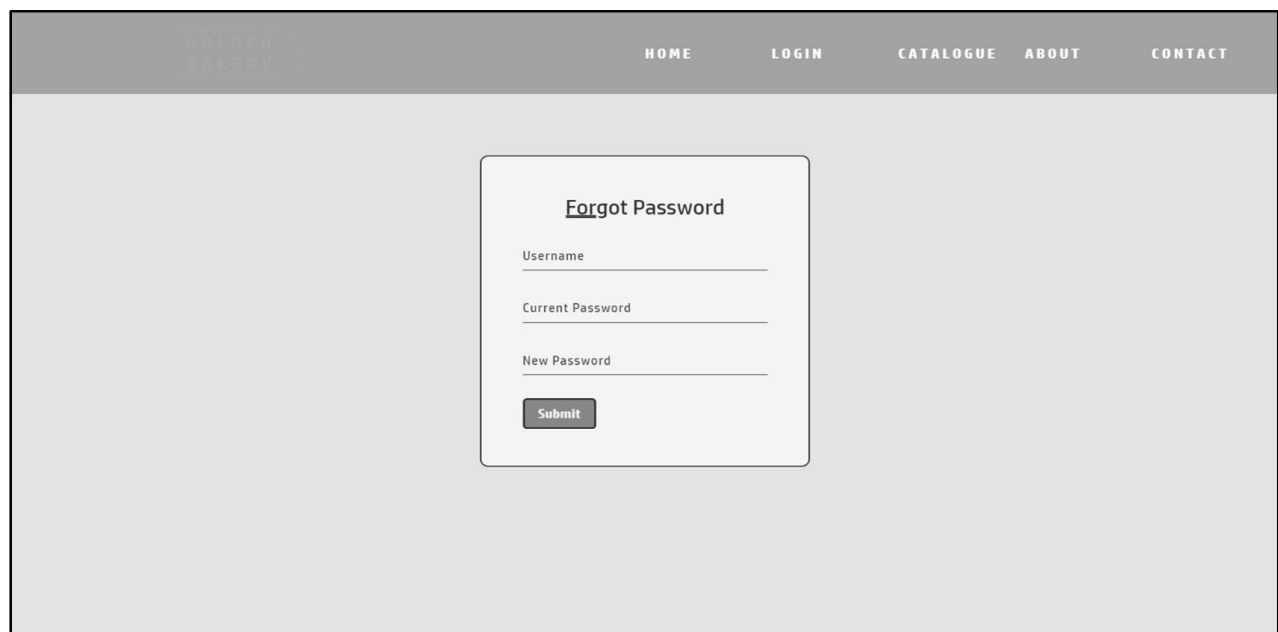
- aman
- aman1
- rahul

LOGIN FORM:



The image shows a web page layout for a login form. At the top, there is a dark gray header bar. On the left side of the header is a logo that says "GOLDEN BAKERY" inside a rounded rectangle. To the right of the logo are four navigation links: "HOME", "CATALOGUE", "ABOUT", and "CONTACT", all in uppercase. Below the header is a large light gray area. In the center of this area is a white rounded rectangle containing the login form. The form has a title "Login Form" with a small underline on the "L". Below the title are two input fields: "Username" and "Password". Under the "Password" field are three buttons: "Login", "Signup", and "Forgot Password".

FORGET PASSWORD PAGE:



The image shows a web page layout for a forgot password page. It has the same header as the login form, with the "GOLDEN BAKERY" logo and navigation links "HOME", "LOGIN", "CATALOGUE", "ABOUT", and "CONTACT". The main content area is a light gray rectangle. In the center is a white rounded rectangle containing the "Forgot Password" form. The form has a title "Forgot Password" with a small underline on the "F". Below the title are three input fields: "Username", "Current Password", and "New Password". At the bottom of the form is a "Submit" button.

CATALOGUE PAGE:

| GOLDEN BAKERY | | | | |
|-----------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| HOME LOGIN ABOUT CONTACT | | | | |
| Bread |  |  |  |  |
| | Wheat Bread ₹35 | White Bread ₹30 | Whole Grain ₹45 | Donut ₹60 |
| Cake |  |  |  |  |
| | Red Velvet ₹600 | White Forest ₹500 | Black Forest ₹500 | Chocolate Turffle ₹450 |
| |  |  |  |  |
| | ButterScotch ₹450 | Vanilla ₹350 | Strawberry ₹600 | Mousse White ₹600 |
| Pastries |  |  |  | |
| | Apple Pie ₹50 | Chocolate Pastry ₹40 | Dark Chocolate Mousse ₹80 | |
| Cookies |  |  |  |  |
| | Butter cookie ₹100 | Macaroons ₹180 | Peanut butter cookie ₹240 | Chocolate Chip cookie ₹80 |

CATALOGUE FOR LOGGED IN USERS:

| GOLDEN BAKERY | | | | |
|----------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| HOME GO TO CART ABOUT CONTACT | | | | |
| Bread |  |  |  |  |
| | Wheat Bread ₹35 | White Bread ₹30 | Whole Grain ₹45 | Donut ₹60 |
| Cake |  |  |  |  |
| | Red Velvet ₹600 | White Forest ₹500 | Black Forest ₹500 | Chocolate Turffle ₹450 |
| |  |  |  |  |
| | ButterScotch ₹450 | Vanilla ₹350 | Strawberry ₹600 | Mousse White ₹600 |
| Pastries |  |  |  | |
| | Apple Pie ₹50 | Chocolate Pastry ₹40 | Dark Chocolate Mousse ₹80 | |
| Cookies |  |  |  |  |
| | Butter cookie ₹100 | Macaroons ₹180 | Peanut butter cookie ₹240 | Chocolate Chip cookie ₹80 |

USERPAGE:

GOLDEN
BAKERY

HOME

CATALOGUE

CONTACT

CHANGE PASSWORD

LOGOUT

THANK YOU!!! USERNAME FOR JOINING US.

Order Your Desire Choice from below options:

SELECT ITEM :

Add To Cart

ITEM AMOUNT : ₹0

Go To Cart

Change Password

Do suggest us at [feedback form](#).
We care our Valuable Clients.

CART PAGE:

GOLDEN
BAKERY

HOME

CATALOGUE

ABOUT

CONTACT

LOGOUT

MY CART

NAME : AMAN GUPTA
DOB : 2002-05-15
Contact : 9457812456
Email : aman5t@gmail.co

| Item | Price | Quantity | Total |
|------|-------|----------|-------|
|------|-------|----------|-------|

Your Cart is Empty

Proceed To Checkout

Add More

View Catalogue

Clear Cart

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

GOLDEN
BAKERY

HOMELOGINCATALOGUEABOUTCONTACT

Send Message

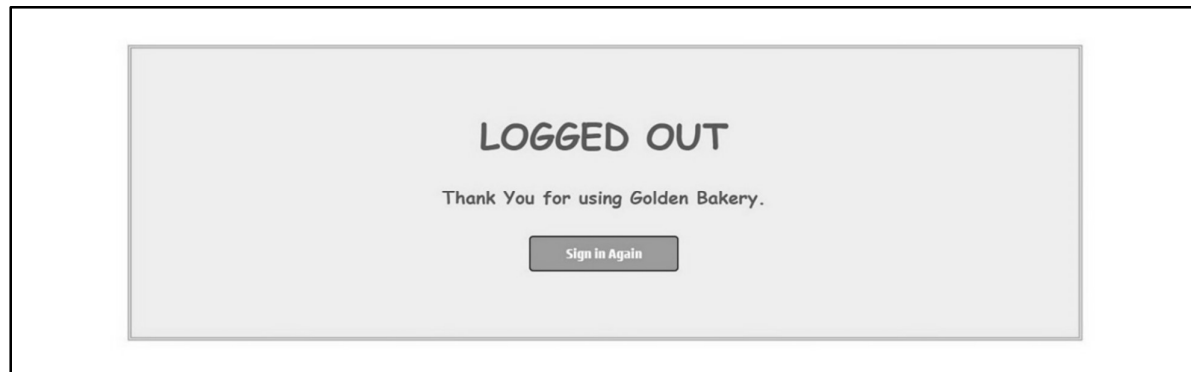
Full Name

Email

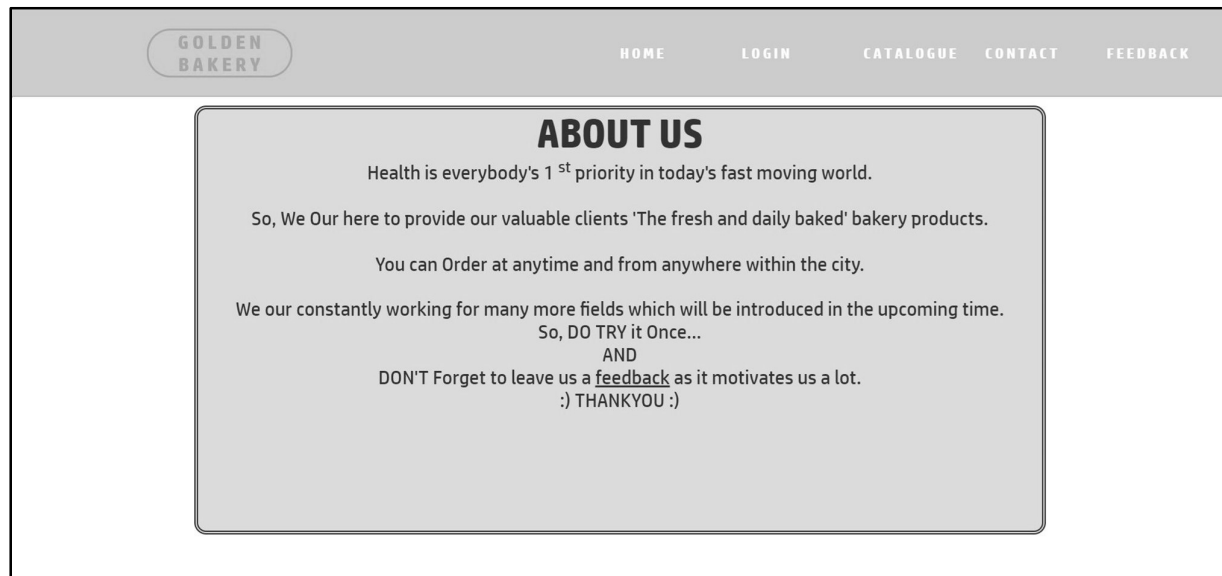
Type Your Message

Send

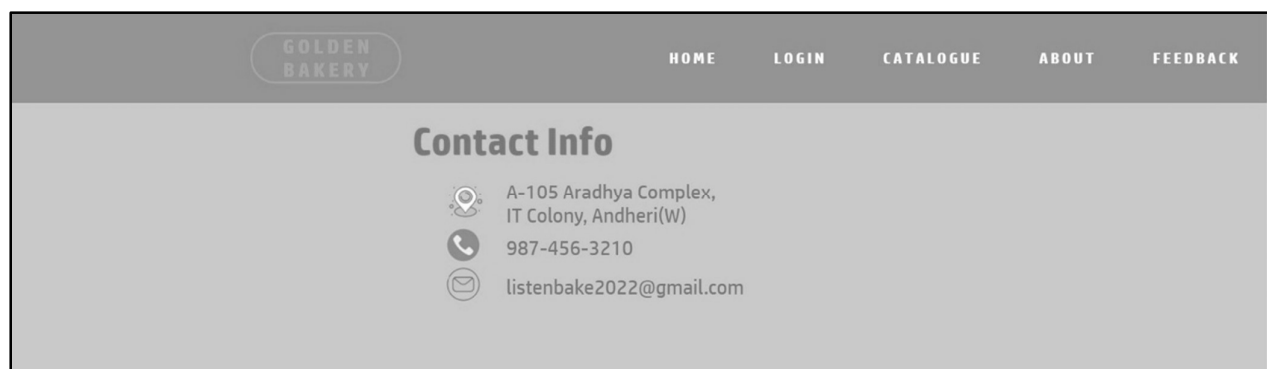
THANK YOU PAGE:



ABOUT PAGE



CONTACT PAGE:



7. REPORTS

REGISTRATION PAGE:

How to Fill the form?

1. All fields are mandatory to fill.
2. New Aadhar for every new registration
3. Username should be Unique

SIGNUP PAGE

First Name

Last name

dd-mm-yyyy

Email

Contact

Aadhar No.

Username

Password

Gender : ☐Male ☐Female

Address

Submit

Reset

UserName Already Selected :

aman
aman1
rahul

DATA REPORT:

phpMyAdmin

Recent Favorites

New

dbaman

New

feedback

payment

register

information_schema

mysql

performance_schema

phpmyadmin

test

Server: 127.0.0.1 Database: dbaman Table: register

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Tracking

Triggers

Profiling

Edit inline

Edit

Explain SQL

Create PHP code

Refresh

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Extra options

← T →

Datetime

firstName

lastName

dob

email

contact

aadhar

username

password

gender

address

☐

Edit

☐

Copy

☐

Delete

2022-11-26 11:37:50

AMAN

GUPTA

2002-05-15

aman5t@gmail.co

9457812456

854126974102

aman

321

Male

chanod

☐

Edit

☐

Copy

☐

Delete

2022-11-26 11:37:50

AMAN

GUPTA

2001-05-15

aman3@gmail.com

8745965412

878512459654

aman1

321

Male

vapi

☐

Edit

☐

Copy

☐

Delete

2022-11-26 11:37:50

RAHUL

SINGH

2001-09-08

r@gmail.com

8541269370

897454630124

rahul

8520

Male

vapi

↑

☐ Check all

With selected:

Edit

Copy

Delete

Export

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Query results operations

Print

Copy to clipboard

Export

Display chart

Create view

Bookmark this SQL query

Label:

☐ Let every user access this bookmark

Bookmark this SQL query

Console

CART PAGE:

GOLDEN
BAKERY

HOME

CATALOGUE

ABOUT

CONTACT

LOGOUT

MY CART

NAME : AMAN GUPTA

DOB : 2002-05-15

Contact : 9457812456

Email : aman5t@gmail.co

| Item | Price | Quantity | Total |
|------------|-------|----------|-------|
| Red Velvet | ₹600 | 1 | ₹600 |

Total Price : ₹ 600

Proceed To Checkout

Add More

View Catalogue

Clear Cart

ORDER PAGE:

Order Placed Successfully...

Name : AMAN GUPTA

Contact : 9457812456

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

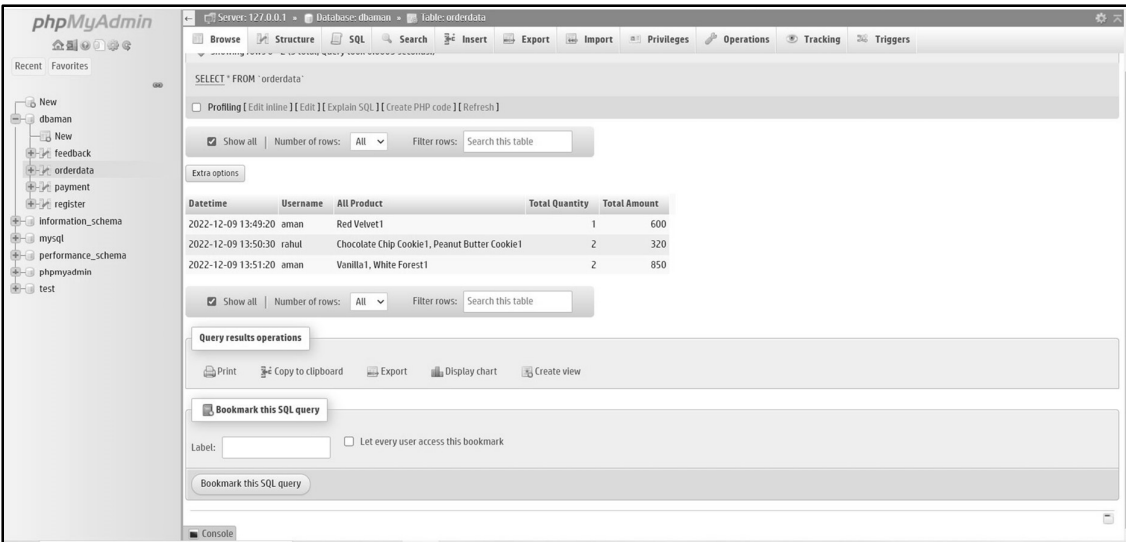
You will receive a Confirmation Order and the estimated date of delivery.

Do suggest us at [feedback form](#).

We care our Valuable Clients.

DATA REPORTS:

The screenshot shows the phpMyAdmin web interface. On the left is a sidebar with a tree view of the database structure, including a 'dbman' database and several tables like 'feedback', 'payment', 'register', 'information_schema', 'mysql', 'performance_schema', 'phpmyadmin', and 'test'. The main window displays the 'payment' table. At the top, it shows 'Showing rows 0 - 2 (3 total, Query took 0.0004 seconds.)'. Below this is a 'SELECT * FROM `payment`' query editor. A 'Profiling' section is visible with options to show all rows, number of rows (25), filter rows, and sort by key (None). The table data is shown with columns: Datetime, Username, All Product, Total Quantity, and Total Amount. The single row shows a transaction on 2022-11-26 12:27:33 for user 'aman' purchasing 'Red Velvet' for a total of 600. Below the table are 'Query results operations' including Print, Copy to clipboard, Export, Display chart, and Create view. At the bottom, there is a 'Bookmark this SQL query' section with a label input field and a checkbox for 'Let every user access this bookmark'.



FEEDBACK:

[HOME](#)
[LOGIN](#)
[CATALOGUE](#)
[ABOUT](#)
[CONTACT](#)

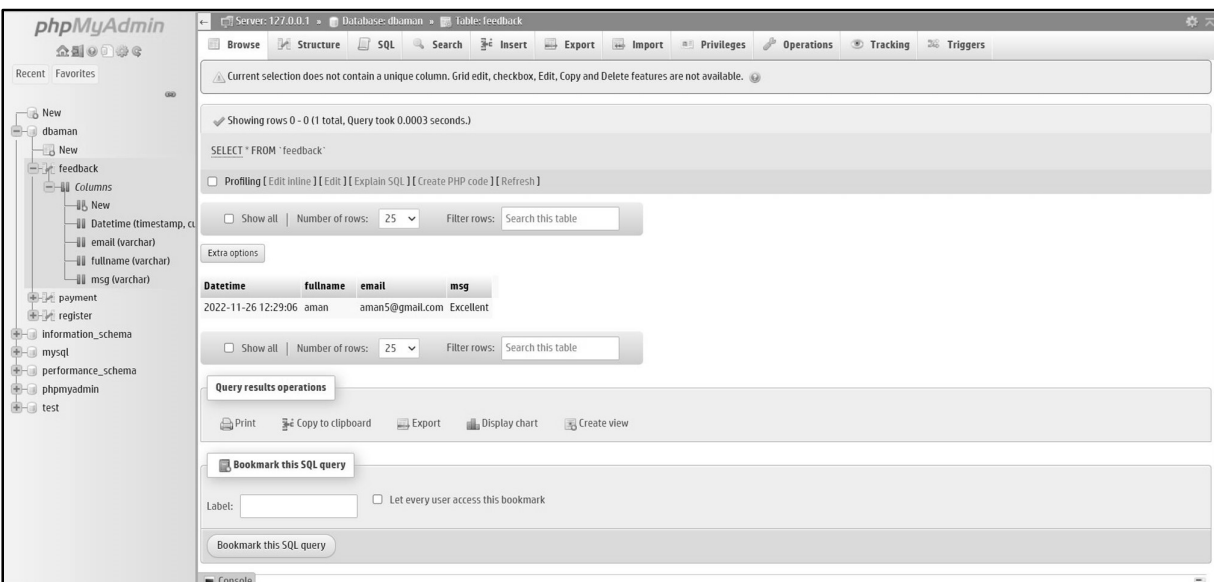
Send Message

Full Name

Email

Type Your Message

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 use 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