

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JNANASANGAMA, BELAGAVI – 590018**



**Mini Project Report
On
JEWELLERY SHOP MANAGEMENT SYSTEM**

Submitted in partial fulfillment for the award of degree of

**Bachelor of Engineering
In
Computer Science and Engineering**

Submitted by

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1BG18CS092**



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B.N.M Institute of Technology

Approved by AICTE, Affiliated to VTU, Accredited as grade A Institution by NAAC.
All UG branches – CSE, ECE, EEE, ISE & Mech.E accredited by NBA for academic years 2018-19 to 2020-21 & valid upto 30.06.2021
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2020-21

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CERTIFICATE

Certified that the Mini Project entitled Jewellery Shop Management System by **Ms.RAKSHA R USN 1BG18CS092 a bonafide student of V Semester B.E., B.N.M Institute of Technology** in partial fulfillment for the Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING of the Visvesvaraya Technological University**, Belagavi during the year 2020-21. It is certified that all corrections / suggestions indicated for Internal Assessment have been incorporated in the report. The Project report has been approved as it satisfies the academic requirements in respect of Database Management System with Mini Project Laboratory prescribed for the said Degree.

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ABSTRACT

Jewellery Shop Management System is an online website that helps users to shop for their desired jewel sitting comfortably at home along with their family. These days people want to explore as many options as they can get before spending a fortune on silver, gold, platinum and diamond ornaments. As this process requires a lot of decision time and buyers would not want the external pressure or unwanted suggestions from anyone other than their loved ones, customers rather feel buying a jewellery online is better than offline. Also, when it is offline, they might not receive appropriate amount of attention from the seller or unavailability of some designs may reduce the number of options. So, this jewellery management system works as a boon to both the seller and the customer. The sellers can put up all the available designs online along with the required details, track orders from the customers, know what they have ordered, know about the customer details, etc. On the other side, it allows the users to have their own accounts where they can log into or register into the website in order to access the catalogues, search for the required jewel, add it to the cart, place order, view the cart in order to decide about it again, view the bill and save the bill for future references and logout safely when they are done.

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Chapter 1

INTRODUCTION

1.1 Overview of Database Management System

A Database is a collection of related data organized in a way that data can be easily accessed, managed and updated. Any piece of information can be a data, for example name of your school. Database is actually a place where related piece of information is stored and various operations can be performed on it. A DBMS is a software that allows creation, definition and manipulation of database. DBMS is actually a tool used to perform any kind of operation on data in database. DBMS also provides protection and security to database. It maintains data consistency in case of multiple users. Here are some examples of popular DBMS, Sql, Oracle, Sybase, Microsoft Access and IBM DB2

The database system can be divided into four components:

- The database system can be divided into System developer and End users.
- Database application: Database application may be Personal, Departmental, Enterprise and Internal
- DBMS: Software that allow users to define, create and manages database access, Ex: Sql, Oracle etc.
- Database: Collection of logical data.

Functions of database management system:

- Provides Recovery services
- Provides utility
- Provides data Independence
- Provides a clear and logical view of the process that manipulates data.

Advantages of DBMS:

- Segregation of application program
- Minimal data duplicity
- Reduced development time and maintenance need
- Easy retrieval of data

1.2 Problem statement

In today's fast-changing advanced-technology-filled world, everyone wants everything done as easily as possible. People choose to get everything done at the comfort of their homes rather than work for it a little. When it comes to buying jewellery, it also means that they are going to invest their money in gold and it is a quite important decision for one to be hasty about it. Online jewellery shop management system helps them in all these ways and provides with a number of options and ample amount of time to decide and compare. Also, it helps the sellers/shop owners to display all their available designs with their specifications. This platform helps them receive orders and carry them out without any confusions and within a short amount of time. The sellers/shop owners can also have the right information of their customers in their record.

1.3 Objective

The objective of this project is to

- Provide users with a friendly and helpful environment to buy jewellery online without being hasty.
- Help the sellers/shop owners to carry out their orders with the right information and see to it that they do not mix up.
- Make an easy-to-use environment for our users.
- Help automate jewellery management system in order to make everyone's day-to-day requirements.
- Help the shop owners/sellers make better sales in this fast moving world.

1.4 Dataset Description

Online Jewellery Shop Management System allows our users to look for options and also purchase required jewels hassle-free. The users can register or login to the website. The user can go to the catalogue and check for different designs; Add desired designs to the cart and decide what to buy later on. The user can also search for desired category or any specific design or faster results rather than exploring the whole catalogue. The changes made by the admin in the catalogue are reflected in the user's catalogue. The user can buy items in the cart and a bill is generated for saving.

The admin has access to the information of the customers and the orders.

The modules used in the portal are Admin, User, Menu, Order_items and Order_placed.

- The Admin module : is used by the admin/the shop owner/seller. He can make changes in the catalogue like adding new designs, update existing designs, quantity available and the price according to daily gold prices. He can also track the orders.
- The User module : is used by the customers. The users need to register or log in to enter the website and access the website features.
- The Menu module : is the Catalogue page that is the most important module. This is where the users can see and search for required designs. It lets the users explore all the available designs and compare-select which one is best for them.
- The Order_items module : consists of complete information of the user ordered items. It has the information of the item purchased as in the design information, number of items and the total amount of purchase along with the user details.
- The Order_placed module : consists of information of the order placed as in the item ordered, the order date and the total price.

The tables long with attributes are:

1. Admin(username,password)
2. User(userid, username, password, address, email, phno)
3. Menu(designid, designname, descrip, price, img, qty, category, avail_status)
4. Order_items(id, orderid, designname, userid, qty, price)
5. Order_placed(id, totamt, orderdate, status, userid)

Chapter 2

SYSTEM REQUIREMENTS

2.1 Software and Hardware

Software Configuration:

Operating system: Windows 10 ,64 bit

Front end: Html, CSS,Javascript

Server side language: Php

Back end: MySql

Web server: Apache

Browser: Chrome

Application software: XAMP

Hardware Configuration:

Processor: Intel Core i7

RAM: 8 GB

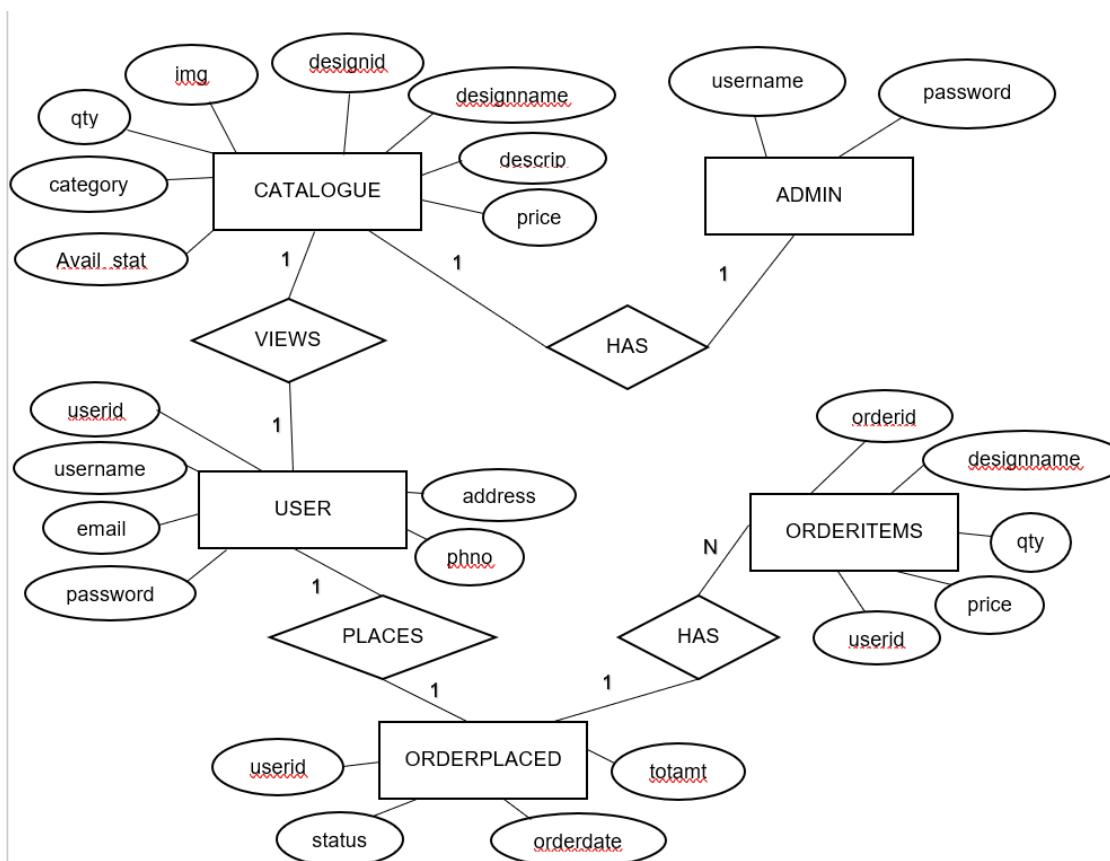
Hard disk: 1TB

Chapter 3

SYSTEM DESIGN

3.1 E R Diagram

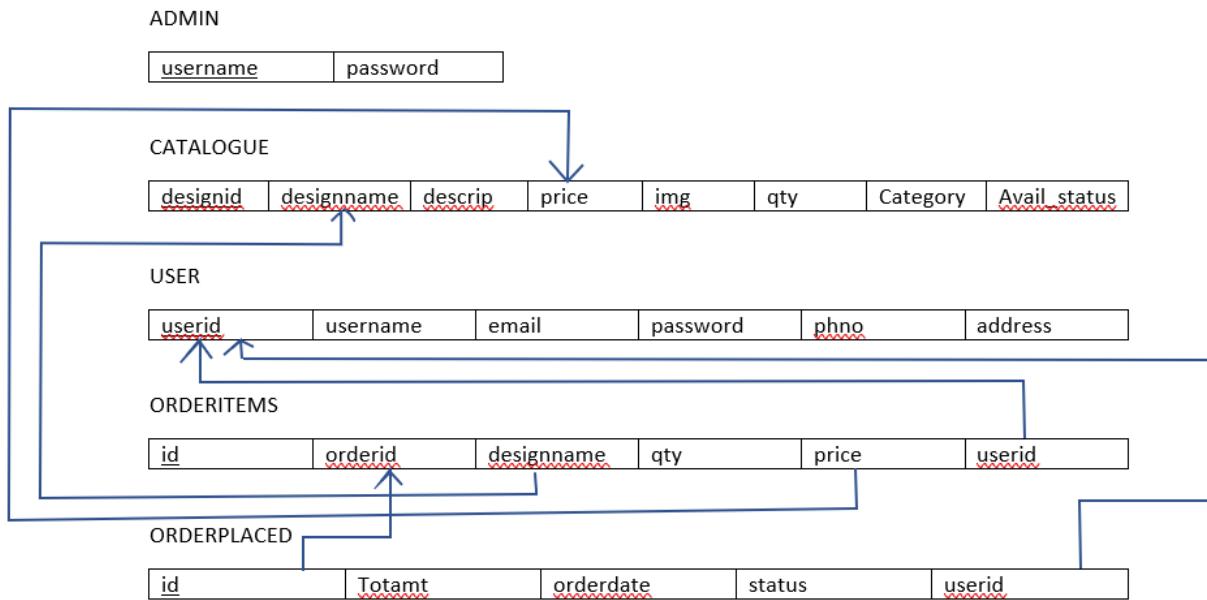
An entity-relationship diagram(ERD) is a data modeling technique that graphically illustrates an information system's entities and the relationships between those entities. An ERD contains different symbols and connectors that visualize two important information: The major entities within the system scope and the inter relationships among these entities.



ER diagram of Jewellery shop management system

The above diagram illustrates the ERD for a jewellery shop system. The entities are admin, user, catalogue, order_items and order_placed . The entities user and admin have access to catalogue, user places orders in order_placed and order_placed has order_items details.

3.2 Schema Diagram



Schema diagram of jewellery shop management system

A database schema is the skeleton structure that represents the logical view of the entire database. It defines how the data is organized and the relations among them are associated. It formulates all the constraints that are to be applied on data. A database schema defines its entities and relationship among them. It contains a descriptive detail of the database, which can be depicted by means of schema diagrams.

The figure 3.2 shows the schema diagram for the jewellery shop system. It shows the various relations, references between entities.

3.3 Overview of GUI

GUI is a program interface that takes advantage of the computer's graphics capabilities to make the program easier to use. Well-designed graphical user interfaces can free the user from learning complex command languages. On the other hand, many users find that they work more effectively with a command-driven interface, especially if they already know the command language.

Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications. With JavaScript it forms a triad of cornerstone technologies for the World Wide Web. Web browsers receive HTML documents from a web server or from local storage and render them into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

3.4 Normalization

Normalization is a process of analyzing the given relation schema based on their functional dependencies and primary key to achieve desirable properties of

minimizing redundancy and minimizing insert, delete, update anomaly. The normalization process takes a relation schema through a series of tests to certify whether it satisfies a certain normal form. The normal form of a relation refers to the highest normal form condition that it meets, and hence the degree to which it has been normalized.

Normalization rule are divided into following normal form.

1. First Normal Form
2. Second Normal Form
3. Third Normal Form
4. Boyce-codd Normal Form

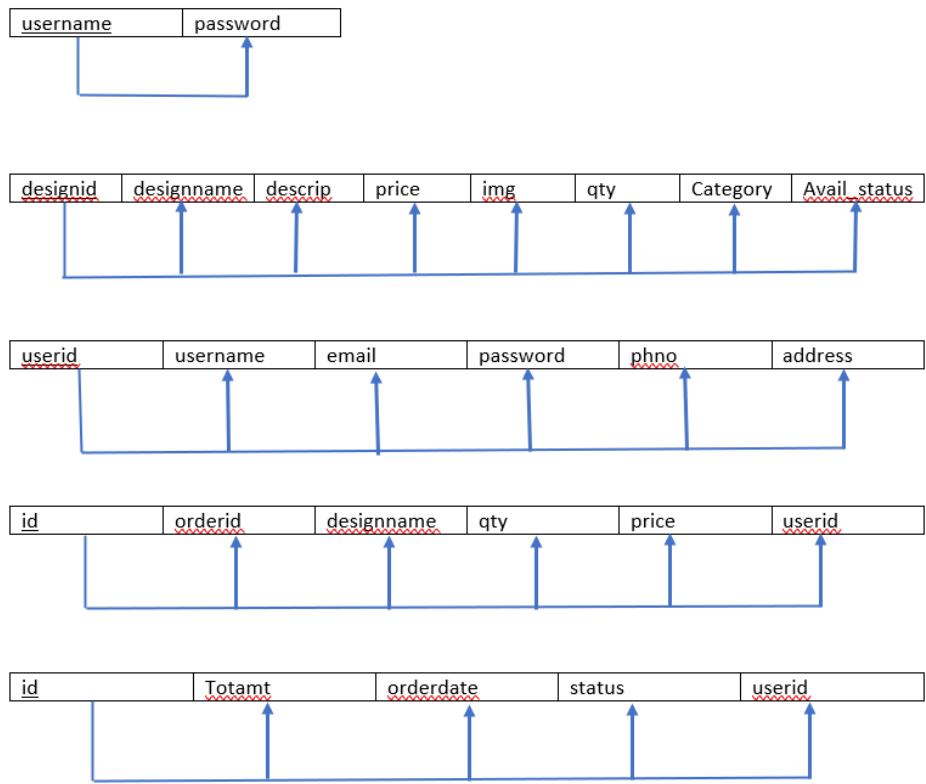
3.4.1 First Normal Form

First normal form states that the domain of an attribute must include only atomic (simple, individual) values and that the value of any attribute in a tuple must be a single value from the domain of attribute.

Consider the relations of jewellery shop system, all the relations are in 1NF as they have neither any multivalued attributes nor composite attributes. Hence the relations are said to be in 1NF.

3.4.2 Second Normal Form

Second normal from is based on the concept of full functional dependency. A functional dependency $X \rightarrow Y$ is a full functional dependency if removal of any attribute A from X means that the dependency does not hold anymore. A relation schema R is in 2NF if every nonprime attribute A in R is fully functionally dependent on the primary key of R.



Consider the relations shown above here all the relations are in 2NF as all the nonprime attributes are fully functionally dependent on the set of prime attributes. Hence the relations are in 2NF.

3.4.3 Third Normal Form

Third normal form is based on the concept of transitive dependency. A relation schema R is in 3NF if it satisfies 2NF and no nonprime attribute of R is transitively dependent on the primary key. A relation schema R is in 3NF if every nonprime attribute of R meets both of the following conditions:

- It is fully functionally dependent on every key of R.
- It is non transitively dependent on every key of R.

The relations used in this database are fully functionally dependent on its key attribute and does not hold any transitive dependencies. Hence all the relations are in 3NF.

Chapter 4

IMPLEMENTATION

4.1 Table Creation

Create table admin

```
(  
    username varchar(30) not null,  
    password varchar(15) not null,  
    primary key(username)  
);
```

Create table user

```
(  
    userid int(11) auto_increment,  
    username varchar(15) not null,  
    password varchar(15) not null,  
    address varchar(150) not null,  
    email varchar(30) not null,  
    phno bigint(10) not null,  
    primary key(userid)  
);
```

Create table menu

```
(  
    designid int(3) auto_increment,  
    designname varchar(50) not null,  
    descrip varchar(200) not null,  
    price int(11) not null,  
    img blob not null,  
    qty int(11) not null,
```

```
category varchar(30) not null,  
avail_status int(1) not null,  
primary key(designid)  
);
```

Create table orderitems

```
(  
    id int(11) auto_increment,  
    orderid references order_placed(id),  
    designname references menu(designname),  
    userid references user(userid),  
    qty int(11) not null,  
    price int(11) not null,  
    primary key(id)
```

);

Create table orderplaced

```
(  
    id int(11) auto_increment,  
    totamt int(11) not null,  
    status int(1) not null,  
    orderdate date not null,  
    userid references user(userid)  
    primary key(id)
```

);

4.2 Description of Table

```
desc admin;
```

```
MariaDB [(none)]> use jewellerydesign;
Database changed
MariaDB [jewellerydesign]> desc admin;
+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| username | varchar(15) | NO |   | NULL    |       |
| password | varchar(15) | NO |   | NULL    |       |
+-----+-----+-----+-----+-----+
2 rows in set (0.004 sec)
```

Figure 4.1 Description of admin table

```
desc user;
```

```
MariaDB [jewellerydesign]> desc user;
+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| userid | int(11) | NO  | PRI | NULL    | auto_increment |
| username | varchar(15) | NO |   | NULL    |       |
| password | varchar(100) | NO |   | NULL    |       |
| address | varchar(150) | NO |   | NULL    |       |
| email | varchar(30) | NO |   | NULL    |       |
| phno | bigint(10) | NO |   | NULL    |       |
+-----+-----+-----+-----+-----+
6 rows in set (0.010 sec)
```

Figure 4.2 Description of user table

desc menu;

Field	Type	Null	Key	Default	Extra
designid	int(3)	NO	PRI	NULL	auto_increment
designname	varchar(50)	NO		NULL	
descrip	varchar(200)	NO		NULL	
price	int(11)	NO		NULL	
img	blob	NO		NULL	
qty	int(11)	NO		NULL	
category	varchar(30)	NO		NULL	
avail_status	int(1)	NO		NULL	

8 rows in set (0.008 sec)

Figure 4.3 Description of menu table

desc orderitems;

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
orderid	int(11)	NO		NULL	
designname	varchar(150)	NO		NULL	
userid	int(11)	NO		NULL	
qty	int(11)	NO		NULL	
price	int(11)	NO		NULL	

6 rows in set (0.010 sec)

Figure 4.4 Description of orderitems table

desc orderplaced;

```
MariaDB [jewellerydesign]> desc orderplaced;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| id | int(11) | NO | PRI | NULL | auto_increment |
| totamt | int(11) | NO | | NULL |
| orderdate | date | NO | | NULL |
| status | int(1) | NO | | NULL |
| userid | int(11) | NO | | NULL |
+-----+-----+-----+-----+
5 rows in set (0.010 sec)
```

Figure 4.8 Description of orderplaced table

4.3 Populated Tables

Select * from admin;

```
MariaDB [jewellerydesign]> select * from admin;
+-----+-----+
| username | password |
+-----+-----+
| admin | admin123 |
| admin2 | admin456 |
| admin3 | admin789 |
+-----+-----+
3 rows in set (0.000 sec)
```

Figure 4.9 Values of admin table

Select * from user;

```
MariaDB [jewellerydesign]> select * from user;
+-----+-----+-----+-----+-----+-----+
| userid | username | password | address | email | phno |
+-----+-----+-----+-----+-----+-----+
| 1 | Adam | 3e7b522b9756d2578d3a86d8f366be6e | #34 Sesame street New York | adam123@gmail.com | 1212121212 |
| 2 | Brian | 5a53fe7d7ccf71c7955e9292a4de43b1 | #76 7th street Vermont | brian@gmail.com | 2323232323 |
| 3 | Chandler | ed1d856dc0c51ea82ebc896ab01e53d | #34 Church street Ohio | chandler@gmail.com | 3434343434 |
| 4 | Jennifer | 33a4568084b1b6b203d549010c061e5c | #34 Church street Ohio | jenny123@gmail.com | 1234567890 |
| 5 | Damon | 0ad7fdbf8f687a5c0f40cbe1a9ca0ce5 | #43 Stafford street Atlanta | damons@gmail.com | 4545454545 |
| 6 | Elena | e03a6a6ef0f3b1c954706996a4a45b14 | #43 Stafford street Atlanta | elena1@gmail.com | 5656565656 |
| 7 | Fiona | 6c1cae8d3d715d2e1759d64b2e91fe83 | #121 Wherever street Whichevertown | fionashrek@gmail.com | 6767676767 |
| 8 | Ginni | 9d735349b834c87b8e5f6013ce91e016 | #52 Dread street North Carolina | Ginnilia@gmail.com | 7878787878 |
| 9 | Paul | 2e970e822e1a8834203d06abb60f59ec | #23 Sampurna Mansions Bangalore-03 | paulwes@gmail.com | 8989889798 |
| 10 | Matt | 77c12394ef7d4f23a8fa07d87309af9 | #34 Church street Ohio | mattrodri@gmail.com | 9876543210 |
+-----+-----+-----+-----+-----+-----+
10 rows in set (0.000 sec)

MariaDB [jewellerydesign]>
```

Figure 4.10 Values of user table

Jewellery Shop Management System

Select * from menu;

designid	designname	descrip	price	img	qty	category	avail_status
1	Haram	24 inch 946 KDM Wastage : 1500 Making charges: 500... 65465	65465	[BLOB - 64.0 KiB]	5	Chains	0
2	Mango design	24 inch 946 KDM Wastage : 1500 Making charges: 500... 54999	54999	[BLOB - 8.7 KiB]	6	Chains	0
3	Kerala Haram	24 inch 946 KDM Wastage : 2500 Making charges: 750... 78499	78499	[BLOB - 8.6 KiB]	3	Chains	0
4	Antique Jhumkas	946 Hallmark 22 carat gold beautiful jhumkas	24999	[BLOB - 8.2 KiB]	6	Earrings	0
5	Lakshmi Jhumkas	946 Hallmark 22 carat gold beautiful lakshmi jhum...	42499	[BLOB - 7.3 KiB]	6	Earrings	0
6	Antique Bangles with screw locks	946 Hallmark 22 carat gold beautiful antique desig...	15999	[BLOB - 8.7 KiB]	5	Bangles	1
8	Khadas	946 Hallmark 22 carat gold beautiful khadas	5999	[BLOB - 10.7 KiB]	8	Bangles	0
9	Mango design2	24 inch 946 KDM Wastage : 2500 Making charges: 750... 89559	89559	[BLOB - 8.3 KiB]	7	Chains	0

Figure 4.11 Values of menu table

Select * from orderitems;

```
MariaDB [jewellerydesign]> select * from orderitems;
+----+-----+-----+-----+-----+
| id | orderid | designname           | userid | qty | price |
+----+-----+-----+-----+-----+
| 1  | 1      | Antique Bangles with screw locks | 4     | 1   | 15999 |
| 2  | 1      | Kerala Haram            | 4     | 1   | 78499 |
| 3  | 1      | Antique Jhumkas          | 4     | 1   | 24999 |
| 4  | 2      | Khadas                  | 2     | 1   | 5999  |
| 5  | 3      | Antique Jhumkas          | 3     | 1   | 24999 |
| 6  | 4      | Antique Bangles with screw locks | 2     | 4   | 63996 |
| 7  | 5      | Antique Bangles with screw locks | 2     | 2   | 31998 |
| 8  | 5      | Kerala Haram            | 2     | 2   | 156998 |
| 9  | 6      | Khadas                  | 2     | 1   | 5999  |
| 10 | 7      | Antique Bangles with screw locks | 2     | 2   | 31998 |
| 11 | 7      | Antique Jhumkas          | 2     | 1   | 24999 |
| 12 | 8      | Antique Bangles with screw locks | 2     | 1   | 15999 |
| 13 | 8      | Khadas                  | 2     | 1   | 5999  |
| 15 | 10     | Antique Bangles with screw locks | 2     | 2   | 31998 |
+----+-----+-----+-----+-----+
14 rows in set (0.003 sec)
```

Figure 4.12 Values of orderitems table

Select * from orderplaced;

```
MariaDB [jewellerydesign]> select * from orderplaced;
+----+-----+-----+-----+-----+
| id | totamt | orderdate | status | userid |
+----+-----+-----+-----+-----+
| 1  | 119497 | 2020-12-28 | 1    | 4     |
| 2  | 5999   | 2020-12-28 | 1    | 2     |
| 3  | 24999  | 2020-12-28 | 1    | 3     |
| 4  | 63996  | 2020-12-29 | 1    | 2     |
| 5  | 188996 | 2020-12-29 | 1    | 2     |
| 6  | 5999   | 2020-12-30 | 1    | 2     |
| 7  | 56997  | 2020-12-30 | 1    | 2     |
| 8  | 21998  | 2021-01-07 | 1    | 2     |
| 9  | 0      | 2021-01-07 | 1    | 2     |
| 10 | 31998  | 2021-01-14 | 1    | 2     |
+----+-----+-----+-----+-----+
10 rows in set (0.001 sec)
```

Figure 4.13 Values of orderplaced table

4.4 SQL Triggers and Stored Procedures

4.4.1 Trigger

A database trigger is procedural code that is automatically executed in response to certain events on a particular table or view in a database. The trigger is mostly used for maintaining the integrity of the information on the database. Triggers execute when a user tries to modify data through a data manipulation language (DML) event. DML events are INSERT, UPDATE, or DELETE statements on a table or view.

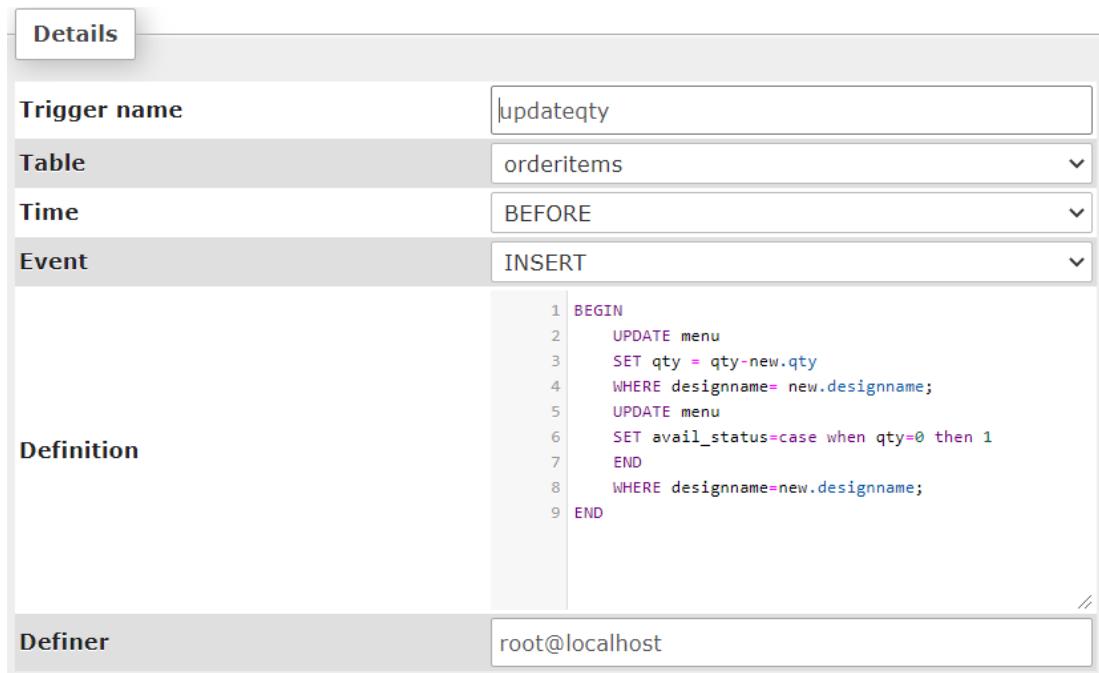


Figure 4.17 Screen capture of trigger

4.4.2 Stored Procedure

A stored procedure is a set of Structured Query Language (SQL) statements with an assigned name, which are stored in a relational database management system as a group. So if a query has to be written over and over again, instead of having to write that query each time, it can be saved as a stored product and can be executed just by calling the procedure. In addition, parameters can also be passed to the stored procedure. So depending on the need, the stored procedure can act accordingly.

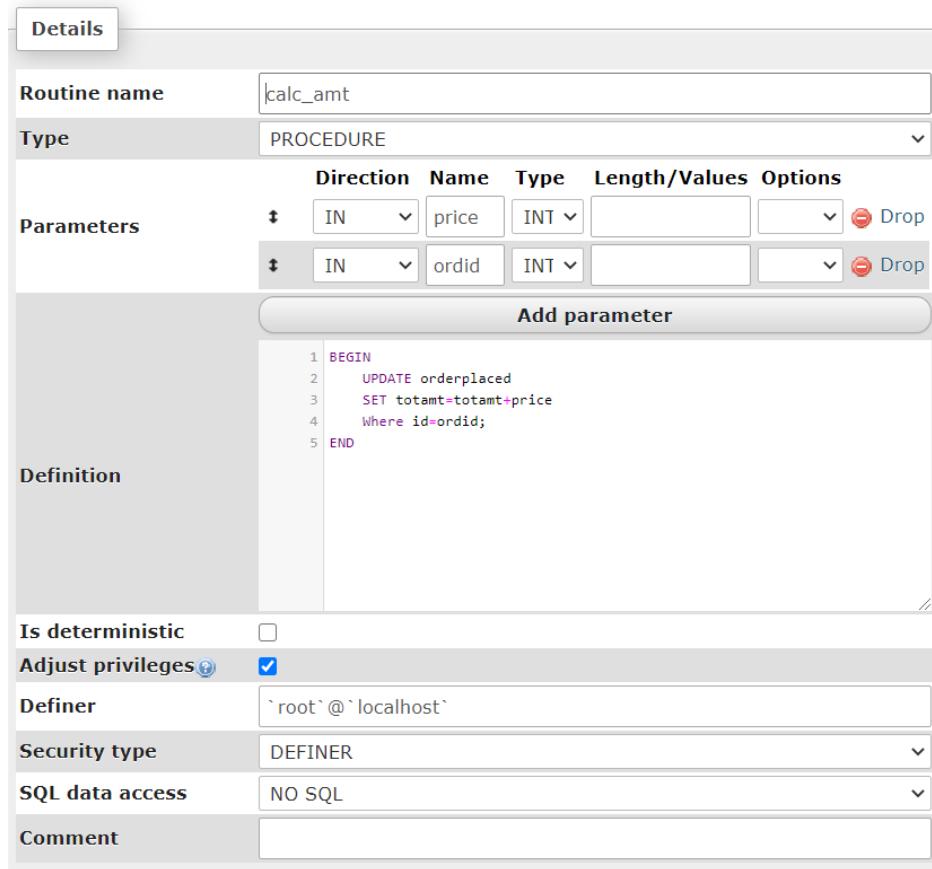


Figure 4.18 Screen capture of stored procedure

4.5 Database Connectivity

A Database connection is a facility in computer science that allows client software to talk to database server software, whether on the same machine or not. A connection is required to send commands and receive answers, usually in the form of a result set. PHP has a pretty straight forward method to working with MySQL databases.

There are five steps to make PHP database interaction

1. Create a connection
2. Select database
3. Perform database query
4. Use return data
5. Close connection

```
session_start() //1. Create a database connection $conn=mysql_connect('localhost','root','');  
if($conn)  
echo "Connection Successful";  
//2. Select a database to use  
$db=mysql_select_db('jewellerydesign',$conn);  
If($db)  
echo "Database selected!";  
//3. Perform database query  
$sql="Select * from user";  
If(mysql_query($sql,$conn)  
echo "Rows selected";  
$result = mysql_query($sql,$conn);  
//4. Use returned data  
While($row=mysql_fetch_array($result){
```

```
echo $row['username'];
echo $row['email'];
}
//5. Close the connection
mysql_close($conn);

?>
```

4.6 Modules

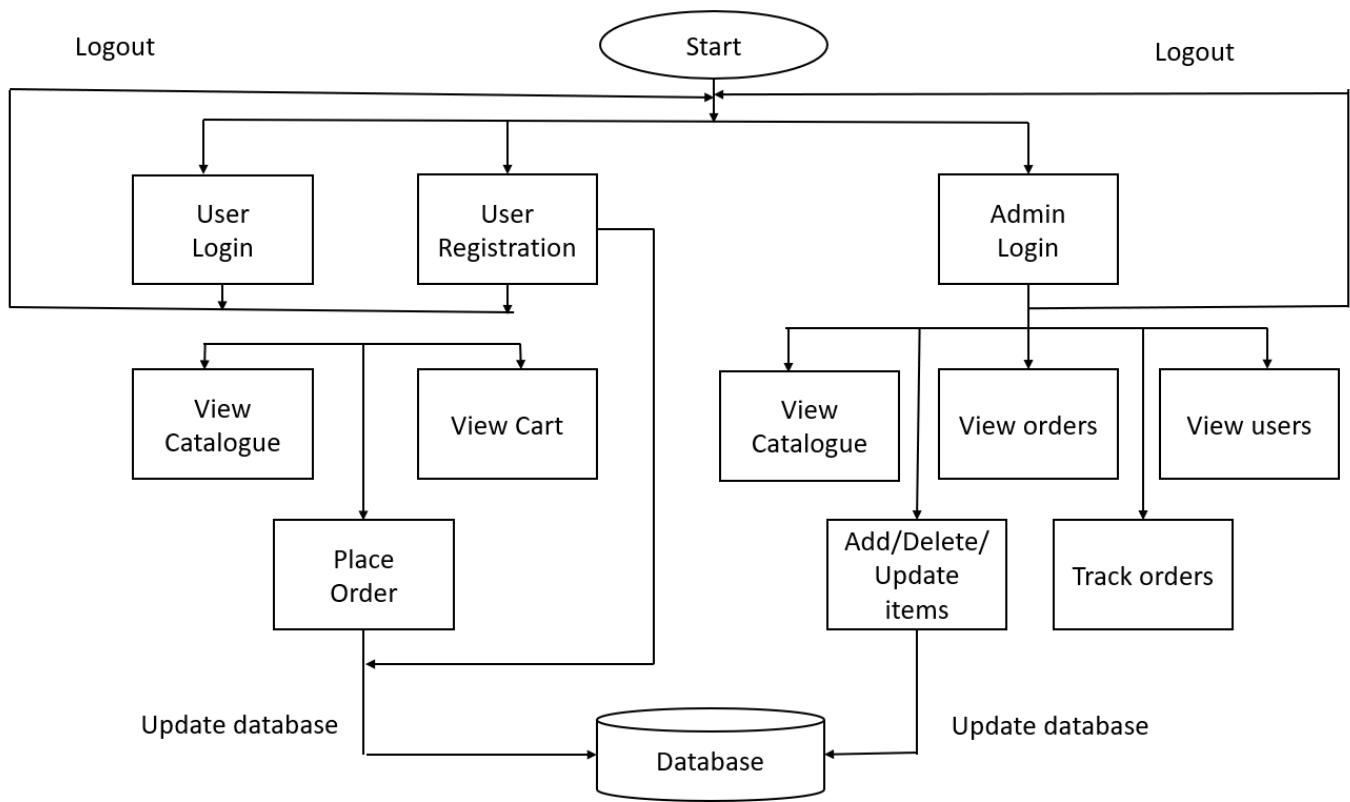
The below flowchart explains how the system runs in the real world. The system can be easily implemented under various situations. Reusability is possible as and when required in this application. There is flexibility in all the modules which makes the task of the user easier.

The system consists of administrator account and user account. The first time users are required to register to this site else the user will not be able to access the features of the site.

After successful registration, the user can log in to his account and view the Catalogue and place orders. The user cart is implemented using cookies. Cookies is a nice way of implementing cart because any time a user wishes to add items into his cart, hitting database each time for temporary purposes makes multiple transactions which can be costly. Cookies reduce these wasteful transactions. If the user adds items to his cart, only then he will be able to place an order else not. Once order is placed the bill is generated for the user.

The admin can update the catalogue and price as and when required and these updates will be shown simultaneously in the user's side too. The admin can update the contents, items, quantity, availability and also delete some of the items as his wish. The admin can also track orders placed by the customers along with customer data.

Jewellery Shop Management System



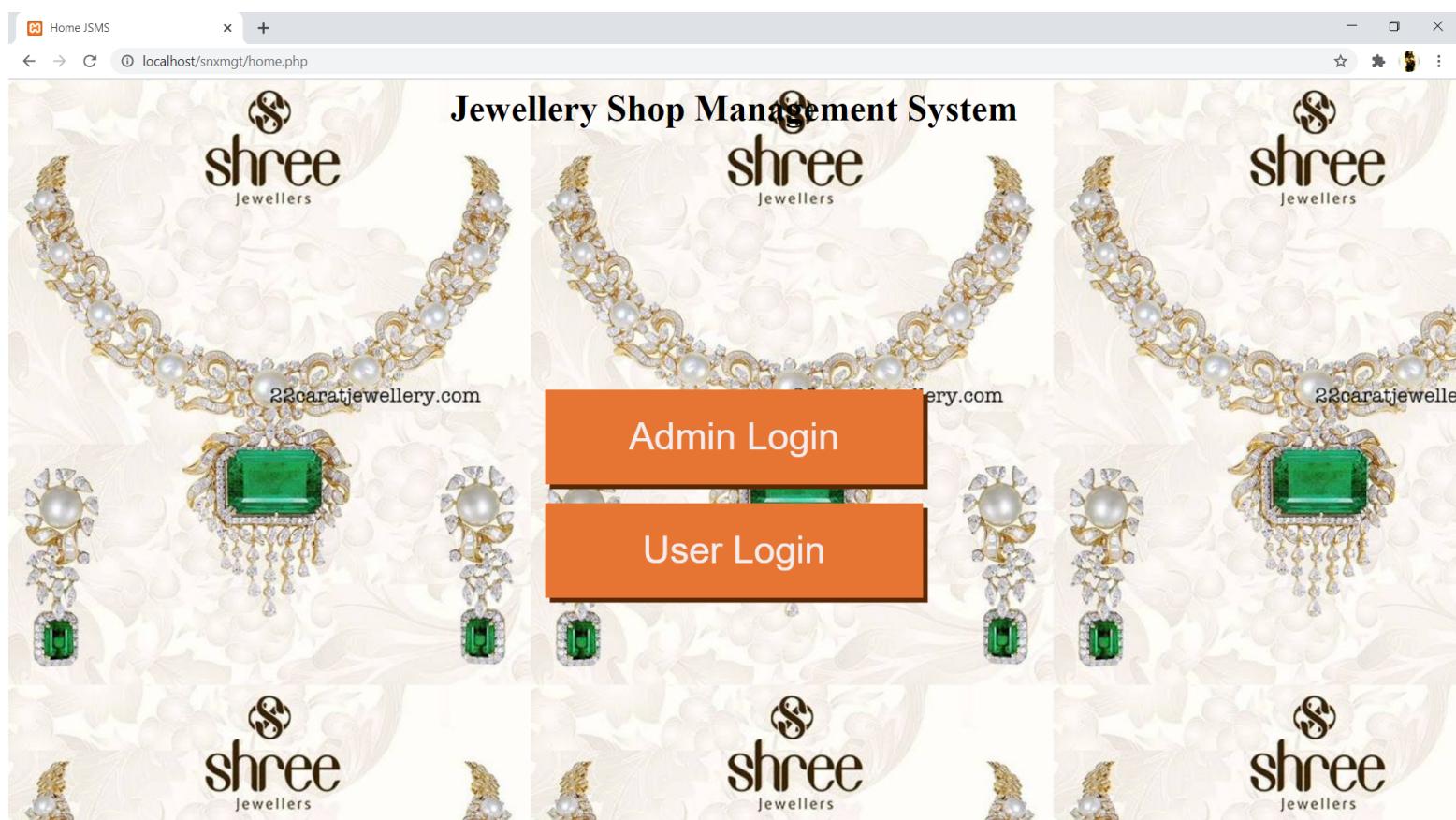
Modules of Jewellery Shop Management system

Chapter 5

RESULT

Home page:

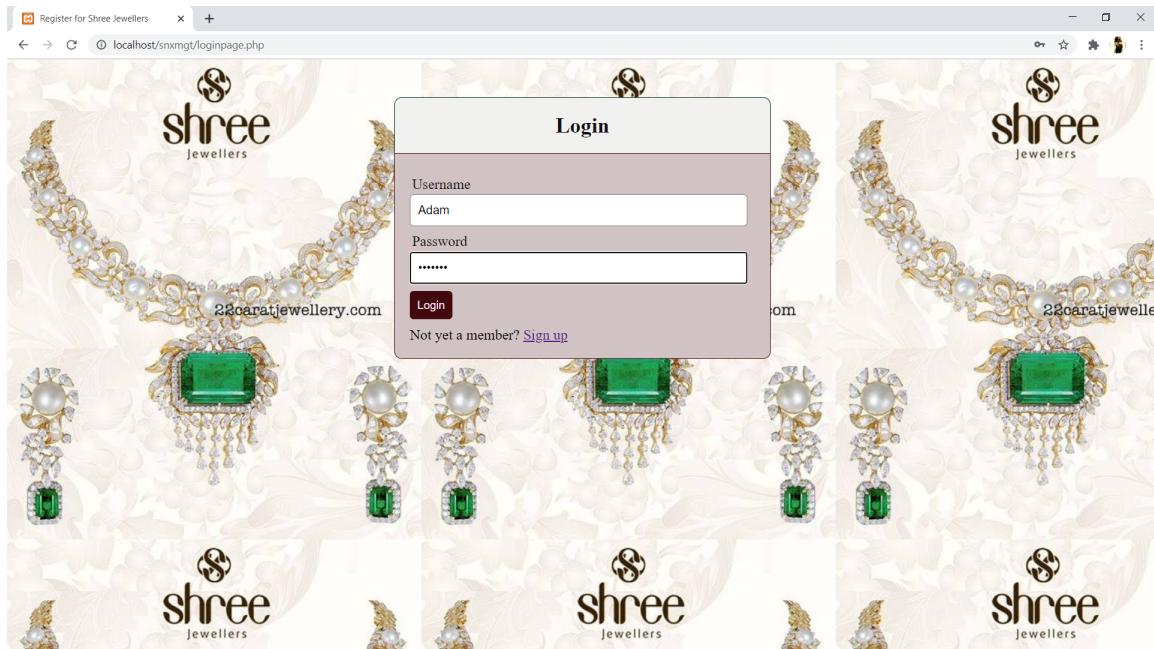
This page provides option to choose for user login or administrator login.



Screen capture of home page

User Login/Register page:

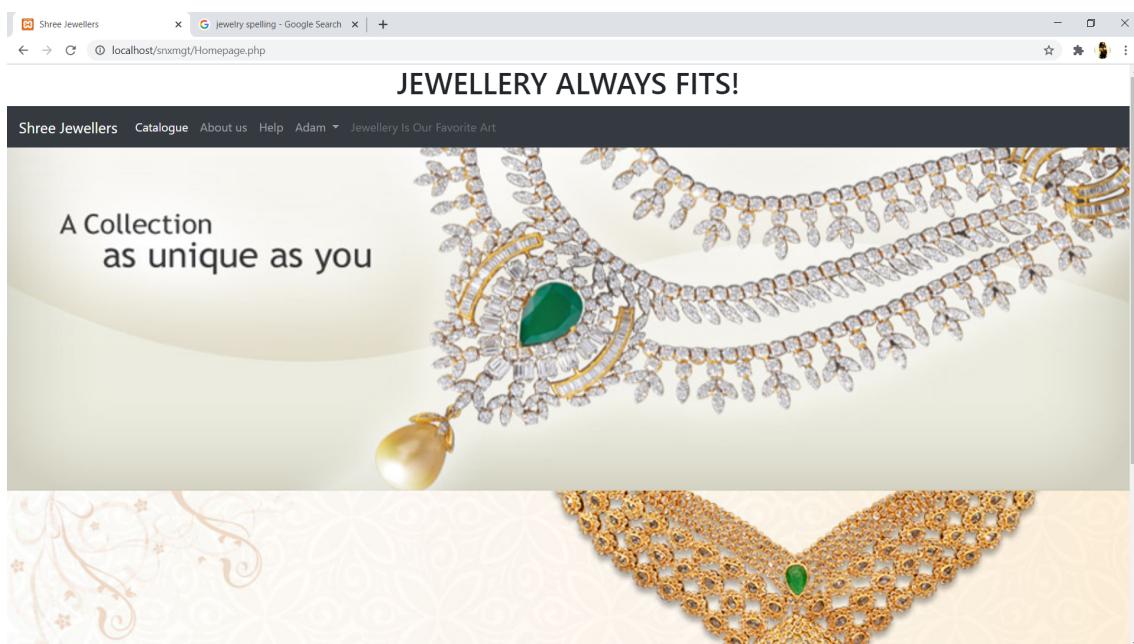
This page lets new users to register and existing users to login.



Screen capture of User login/Register page

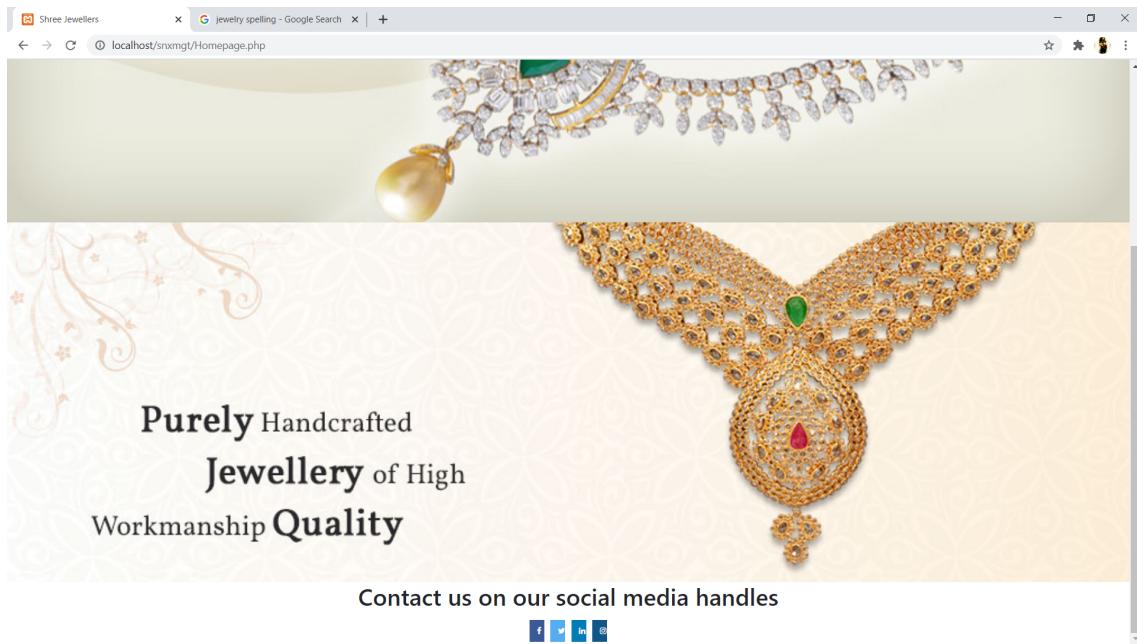
Home page:

The user after successful login or register is redirected to the home page of jewellery shop management portal.



Screen capture of Home page

Jewellery Shop Management System



Screen Capture of Home page

Catalogue page:

This page lets the users to view all available designs and also search for required design.

A screenshot of a web browser showing the catalogue page. The title bar includes "Catalogue", "jewelry spelling - Google Search", "Jewel Catalogue", and "localhost / 127.0.0.1 / jewellerydi". The header has links for "Shree Jewels", "Catalogue", "About us", "Help", and "Adam". A search bar is at the top right. The main content is titled "Bangles" and shows two product cards: "Antique Bangles with screw locks" (946 Hallmark 22 carat gold) and "Khadas" (946 Hallmark 22 carat gold). Each card includes a price (Rs. 15999 and Rs. 5999 respectively), a quantity selector (1), and an "Add to Cart" button.

Jewellery Shop Management System

Screenshot of the Jewellery Shop Management System showing the 'Chains' section.

Chains

The page displays three gold necklaces:

- Haram**: 24 inch 946 KDM Wastage : 1500 Making charges: 5000. Price: Rs. 65465.
- Mango design**: 24 inch 946 KDM Wastage : 1500 Making charges: 5000. Price: Rs. 54999.
- Kerala Haram**: 24 inch 946 KDM Wastage : 2500 Making charges: 7500. Price: Rs. 78499.

An 'Add to Cart' button is present for each item.

Screenshot of the Jewellery Shop Management System showing the 'Earrings' section.

Earrings

The page displays two pairs of gold jhumkas:

- Antique Jhumkas**: 946 Hallmark 22 carat gold beautiful jhumkas. Price: Rs. 24999.
- Lakshmi Jhumkas**: 946 Hallmark 22 carat gold beautiful lakshmi jhumkas. Price: Rs. 42499.

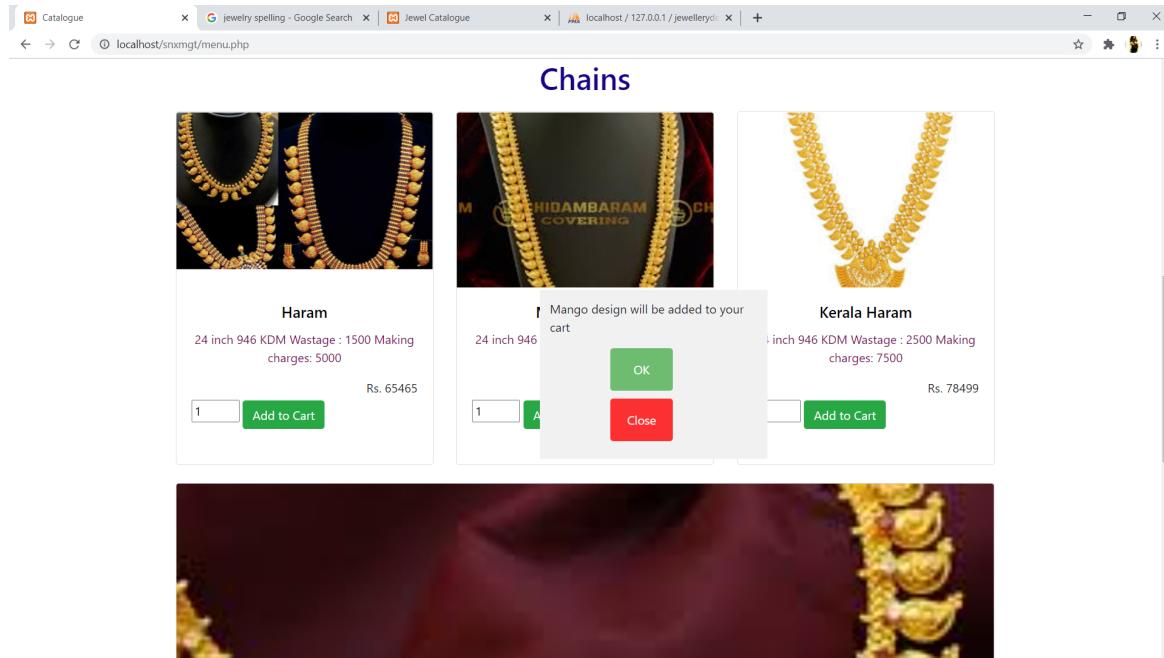
An 'Add to Cart' button is present for each item.

Screen captures of the catalogue page

Jewellery Shop Management System

Item cart:

When the user adds items into cart this page is displayed.



Item Added into Cart

X

Clear Cart

Item Name	Quantity	Price	Total	Action
Mango design	2	Rs. 54999	Rs. 109,998.00	Remove
Total			Rs. 109,998.00	

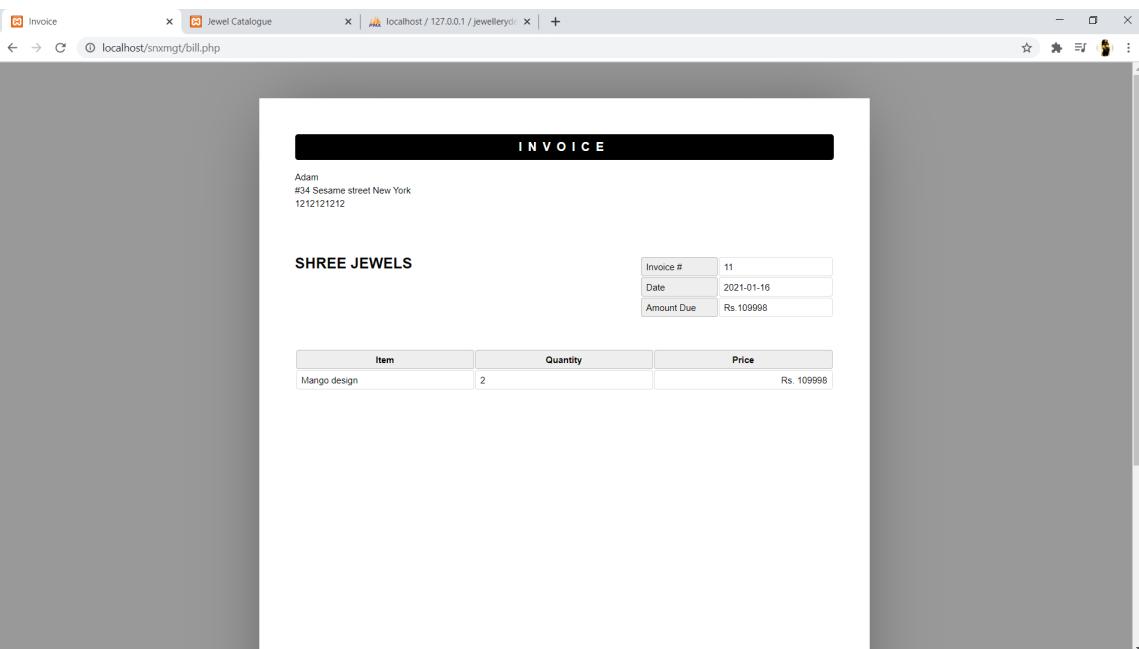
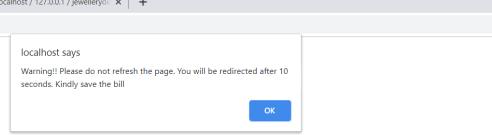
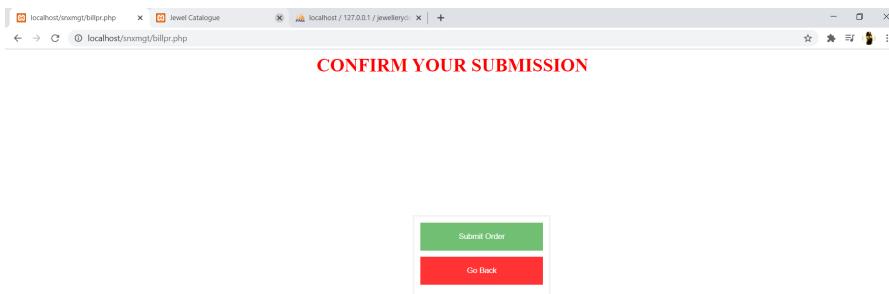
PROCEED TO PAY

Screen captures of the item added to the cart and the view of the cart

Bill generation:

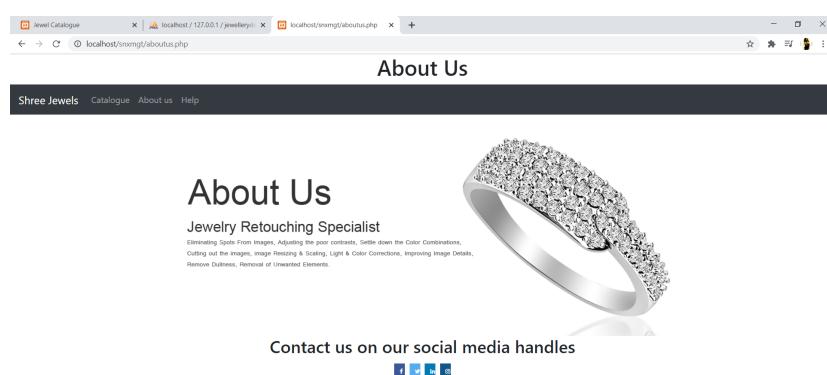
After the user views the cart and clicks proceed to pay, the user is asked to reconfirm the order again and then asked to save the bill generated for future reference.

Jewellery Shop Management System



About Us page:

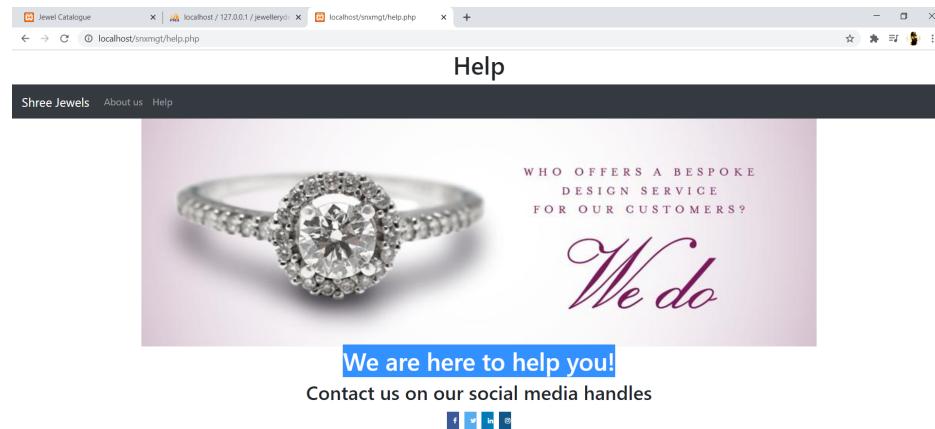
Tells more about the seller/ shop owner to the user.



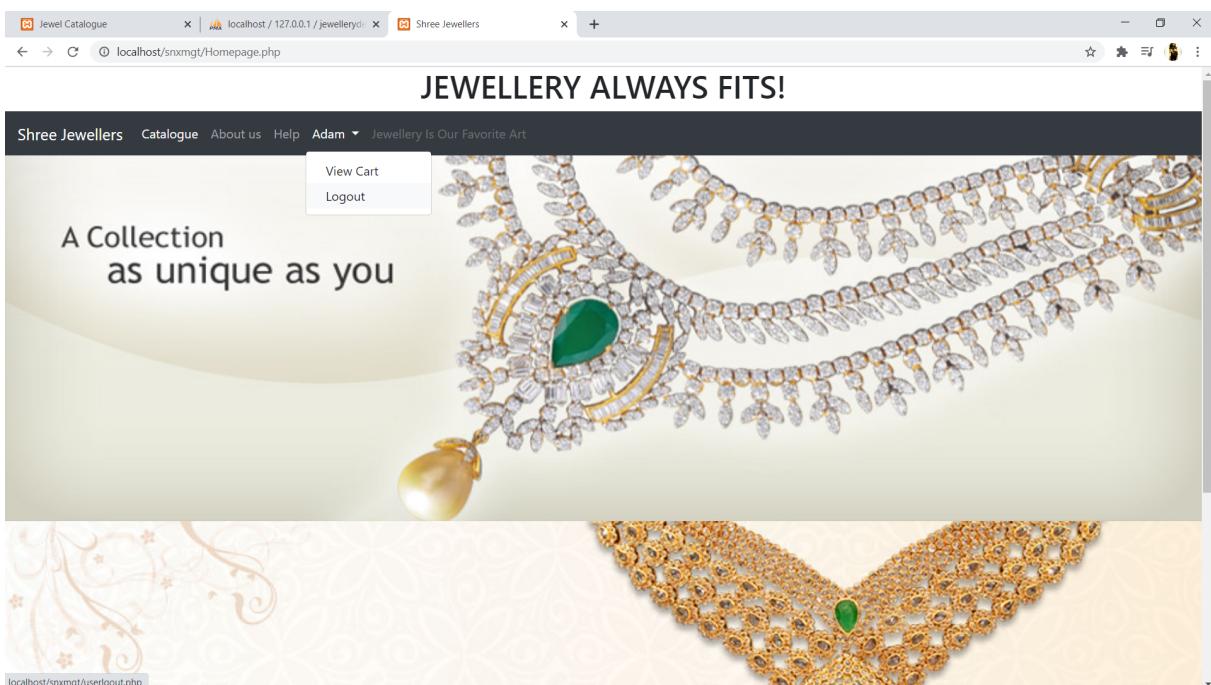
Jewellery Shop Management System

Help page:

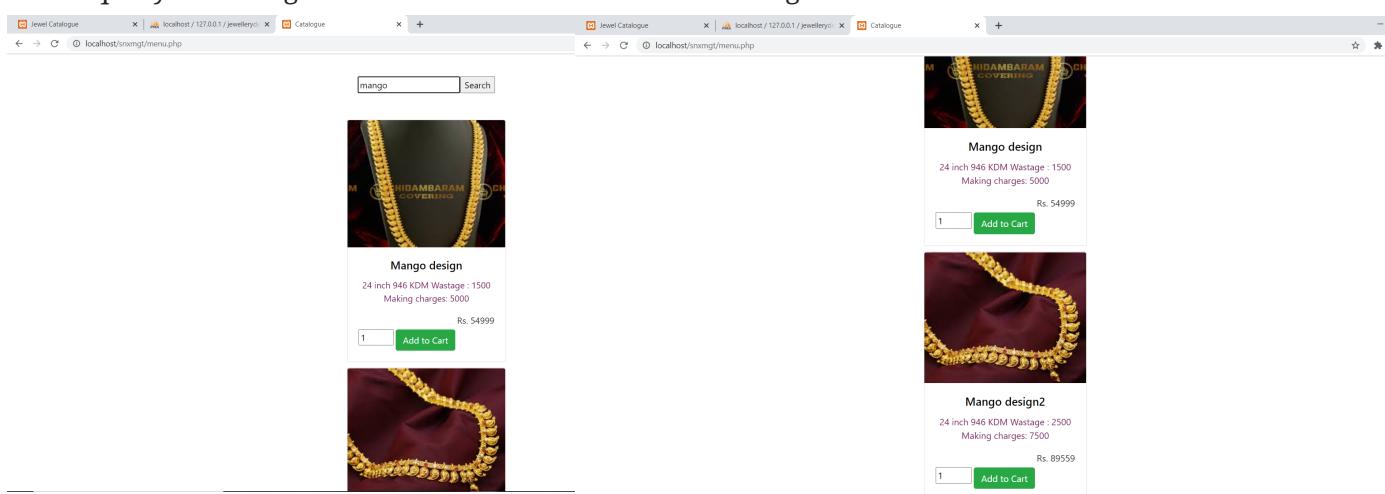
Lets users contact seller or technical faculty for any queries regarding the website.



Logout option lets the user to log out successfully from the site.

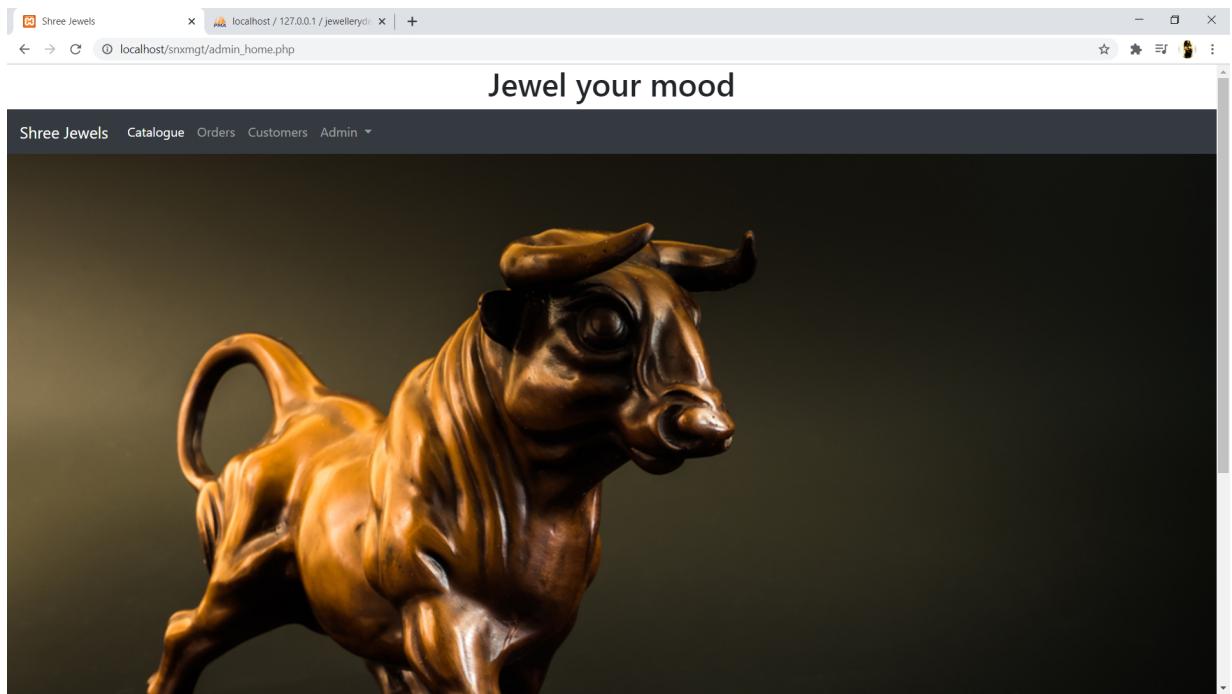
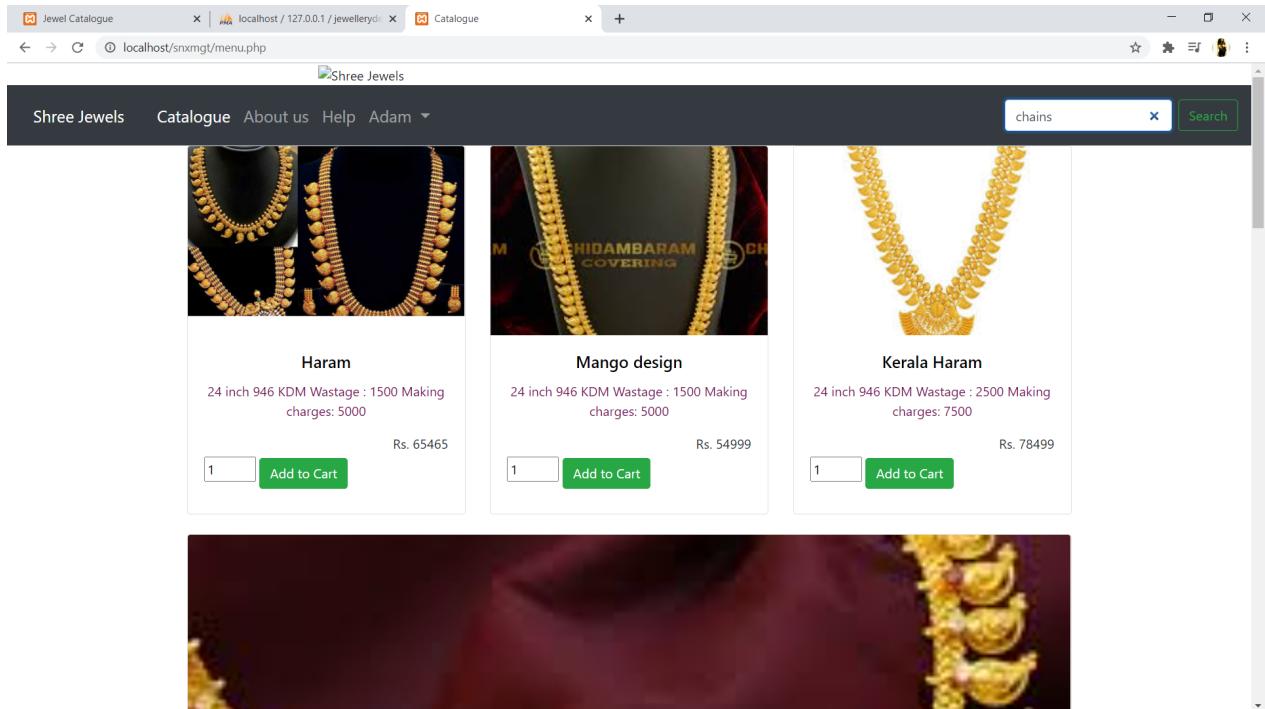


Search query in catalogue lets the user search for desired design.



Jewellery Shop Management System

The search button in the navigation bar of the page lets you search by category.
Displays all the chains in the catalogue here.



Admin login : On the other side, admin login will lead to the home page.

Jewellery Shop Management System

The admin is allowed to add to or update the catalogue.

---ADD NEW DESIGN---

DESIGN NAME

PRICE

QUANTITY

DESCRIPTION

CATEGORY

IMAGE
 No file chosen

CATALOGUE

DESIGN IMAGE	DESIGN NAME	DESCRIPTION	CATEGORY	QUANTITY PRESENT	INCREASE QUANTITY	REMOVE DESIGN	PRICE	STATUS
	Antique Bangles with screw locks	946 Hallmark 22 carat gold beautiful antique design bangles with screw locks	Bangles	6	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	15999	Available
	Antique Jhumkas	946 Hallmark 22 carat gold beautiful jhumkas	Earrings	6	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	24999	Available
	Haram	24 inch 946 KDM Wastage : 1500 Making charges: 5000	Chains	5	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	65465	Available
	Kerala Haram	24 inch 946 KDM Wastage : 2500 Making charges: 7500	Chains	3	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	78499	Available
	Khadas	946 Hallmark 22 carat gold beautiful khadas	Bangles	8	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	5999	Available
	Lakshmi Jhumkas	946 Hallmark 22 carat gold beautiful	Earrings	6	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	42499	Available

CATALOGUE

	Antique Jhumkas	946 Hallmark 22 carat gold beautiful jhumkas	Earrings	6	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	24999	Available
	Haram	24 inch 946 KDM Wastage : 1500 Making charges: 5000	Chains	5	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	65465	Available
	Kerala Haram	24 inch 946 KDM Wastage : 2500 Making charges: 7500	Chains	3	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	78499	Available
	Khadas	946 Hallmark 22 carat gold beautiful khadas	Bangles	8	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	5999	Available
	Lakshmi Jhumkas	946 Hallmark 22 carat gold beautiful lakshmi jhumkas	Earrings	6	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	42499	Available
	Mango design	24 inch 946 KDM Wastage : 1500 Making charges: 5000	Chains	4	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	54999	Available
	Mango design2	24 inch 946 KDM Wastage : 2500 Making charges: 7500	Chains	7	<input type="button" value="Quantity"/> <input type="button" value="SET"/>	<input type="button" value="REMOVE"/>	89559	Available

Jewellery Shop Management System

The screenshot shows a web browser window with the URL localhost/snxmgt/admin_orders.php. The page title is "Shree Jewels Catalogue Orders Customers Admin". A red header "ORDER DETAILS" is centered above a table. The table has columns: CUSTOMER ID, CUSTOMER NAME, ORDER ID, ORDER AMOUNT, and DATE. The data shows 11 rows of order details.

CUSTOMER ID	CUSTOMER NAME	ORDER ID	ORDER AMOUNT	DATE
4	Jennifer	1	119497	2020-12-28
2	Brian	2	5999	2020-12-28
3	Chandler	3	24999	2020-12-28
2	Brian	4	63996	2020-12-29
2	Brian	5	188996	2020-12-29
2	Brian	6	5999	2020-12-30
2	Brian	7	56997	2020-12-30
2	Brian	8	21998	2021-01-07
2	Brian	9	0	2021-01-07
2	Brian	10	31998	2021-01-14
1	Adam	11	109998	2021-01-16

Order page : The admin has access to the order details.

The screenshot shows a web browser window with the URL localhost/snxmgt/trackorder.php. The page title is "Shree Jewels Catalogue Orders Customers Admin". A red header "ORDER DETAILS" is centered above a table. The table has columns: CUSTOMER ID, CUSTOMER NAME, DESIGN, QUANTITY, and TOTAL. The data shows 11 rows of order details. A modal window titled "TRACK ORDERS" is open, showing the order details for order ID 10.

CUSTOMER ID	CUSTOMER NAME	DESIGN	QUANTITY	TOTAL
4	Jennifer			
2	Brian	Design		
3	Chandler	Antique Bangles with screw locks	2	31998
2	Brian			
1	Adam			

The admin can track orders using the order id and the userid.

TRACK ORDERS

ORDER ID:

CUSTOMER ID:

The screenshot shows a web browser window with the URL localhost/snxmgt/admin_customer.php. The page title is "Shree Jewels Catalogue Orders Customers Admin". A red header "CUSTOMER DETAILS" is centered above a table. The table has columns: CUSTOMER ID, CUSTOMER NAME, EMAIL, PHONE NUMBER, and ADDRESS. The data shows 10 rows of customer information.

CUSTOMER ID	CUSTOMER NAME	EMAIL	PHONE NUMBER	ADDRESS
1	Adam	adam123@gmail.com	1212121212	#34 Sesame street New York
2	Brian	brian@gmail.com	2323232323	#76 7th street Vermont
3	Chandler	chandler@gmail.com	3434343434	#34 Church street Ohio
4	Jennifer	jenny123@gmail.com	1234567890	#34 Church street Ohio
5	Damon	damons@gmail.com	4545454545	#43 Stafford street Atlanta
6	Elena	elen1@gmail.com	56566565656	#43 Stafford street Atlanta
7	Fiona	fionashrek@gmail.com	6767676767	#121 Wherever street Whichevertown
8	Ginni	Ginnilia@gmail.com	7878787878	#52 Dread street North Carolina
9	Paul	paulwes@gmail.com	8989889798	#23 Sampurna Mansions Bangalore-03
10	Matt	mattrodris@gmail.com	9876543210	#34 Church street Ohio

Customers page: The admin has access to the users/customers information.

Chapter 6

CONCLUSION & FUTURE ENHANCEMENTS

6.1 Conclusion

The proposed Jewellery Shop Management System provides a user-friendly and helpful means of buying and selling jewelery online without any confusions or problems that might occur usually.

Thus, the site modifies the usual way of sale and thus is a new platform for the people to explore and reap benefits offered.

This project not only reduces the efforts of the salespersons to sell an ornament but also increases the chances of customer satisfaction leading to increased profit.

This is also a more trustable and accurate way of handling data as there is a high risk of data loss or data corruption in keeping offline records.

Thus, we can say our project is a very trustable and accurate type of data management for jewellery shop data management and will be very helpful in real world.

The project teaches us the essential skills like:

- Understanding the database handling and query processing.
- Implement, analyze and evaluate the project developed for an application.
- Demonstrate the working of different concepts of DBMS.

6.2 Future Enhancement

The system is designed in such a way that provisions can be given for further enhanced without affecting the system presently developed. The enhancements that can be incorporated are:

- A feedback module can be incorporated in order to improve and make right the services offered.
- Live gold and silver rates can be displayed and dynamic billing can be adapted.
- A user recommendation system based on the history of a user's search.