

# Project Report on

# MOBILE ECOMMERCE WEBSITE

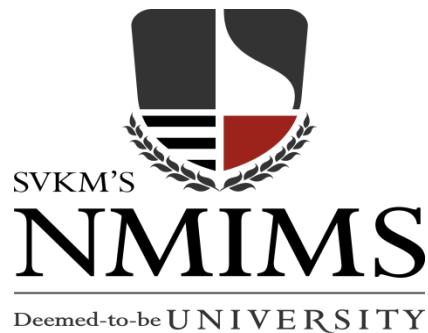
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MUKESH PATEL SCHOOL OF TECHNOLOGY  
MANAGEMENT & ENGINEERING  
SVKM's

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# Front Page

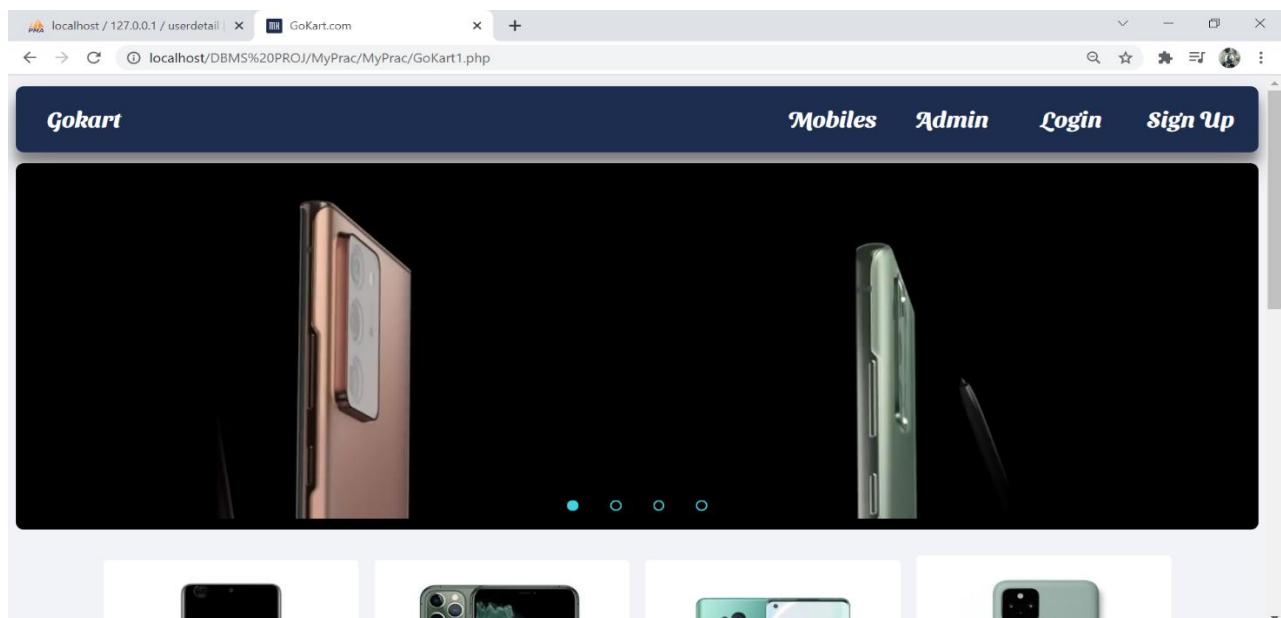


Figure 1: Home Page

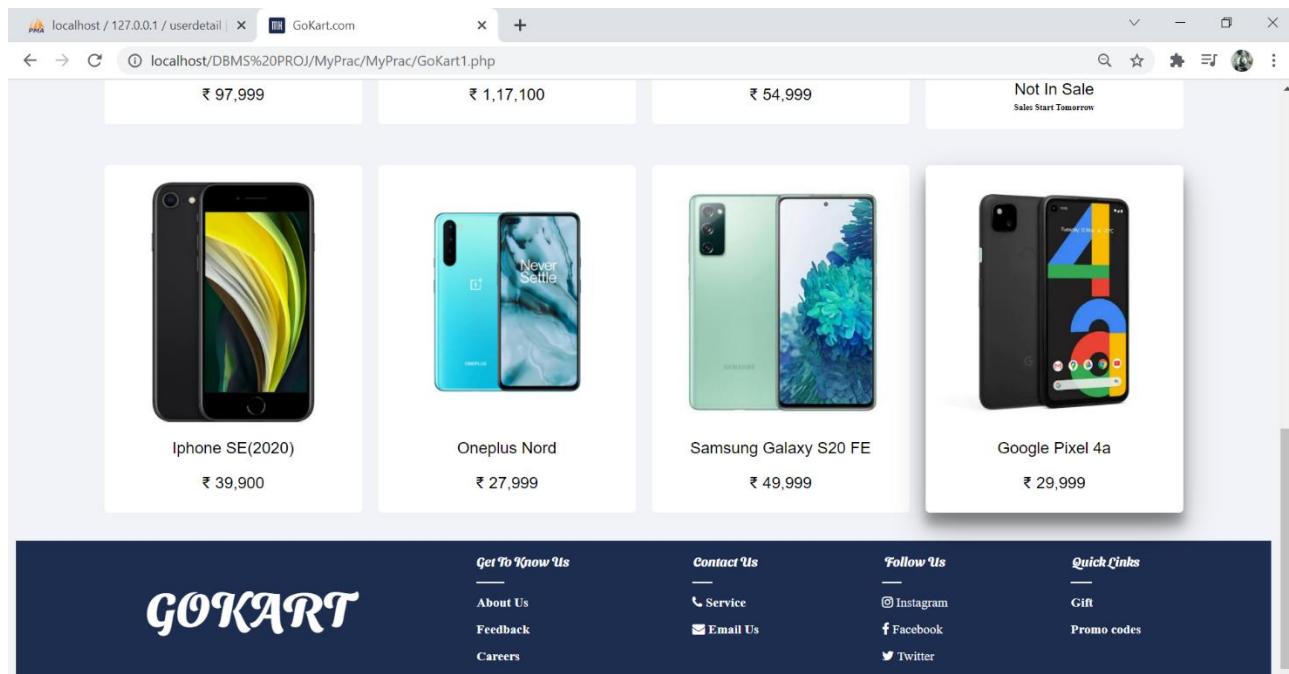


Figure 2: Home Page

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# Introduction to Project

Our project is a website used for buying smart phones. Our website's name is **GoKart**. GoKart aims to be programmed in such a way that it intuitively adapts to whatever device is accessing it in order to provide the most user-friendly experience. This mobile e-commerce website ensures that the customers face no obstacles and check out smartphones in the most convenient manner.

It's an interactive website that allows users to purchase smartphones either based on the company of their choice or specification in need. Allowing the user to also create a wish list for future purchases.

By showing multiple images and exact specifications of the device the customer can make the right choice. The website also shows ratings and reviews of previous customers who have bought that specific device, making the customer aware of the ground reality of the device they are planning to purchase. The customer can leave their own feedback on the feedback form. The website shows all the new releases, which colours the smartphones are available in. The website also has a loyalty membership where premium members have special discounts. With each purchase, the member gets certain store scores increasing the interaction and sales of the website.

People of all ages can use this user-interactive and user-friendly website to purchase new smartphones at anytime from anywhere.

# ER model Description

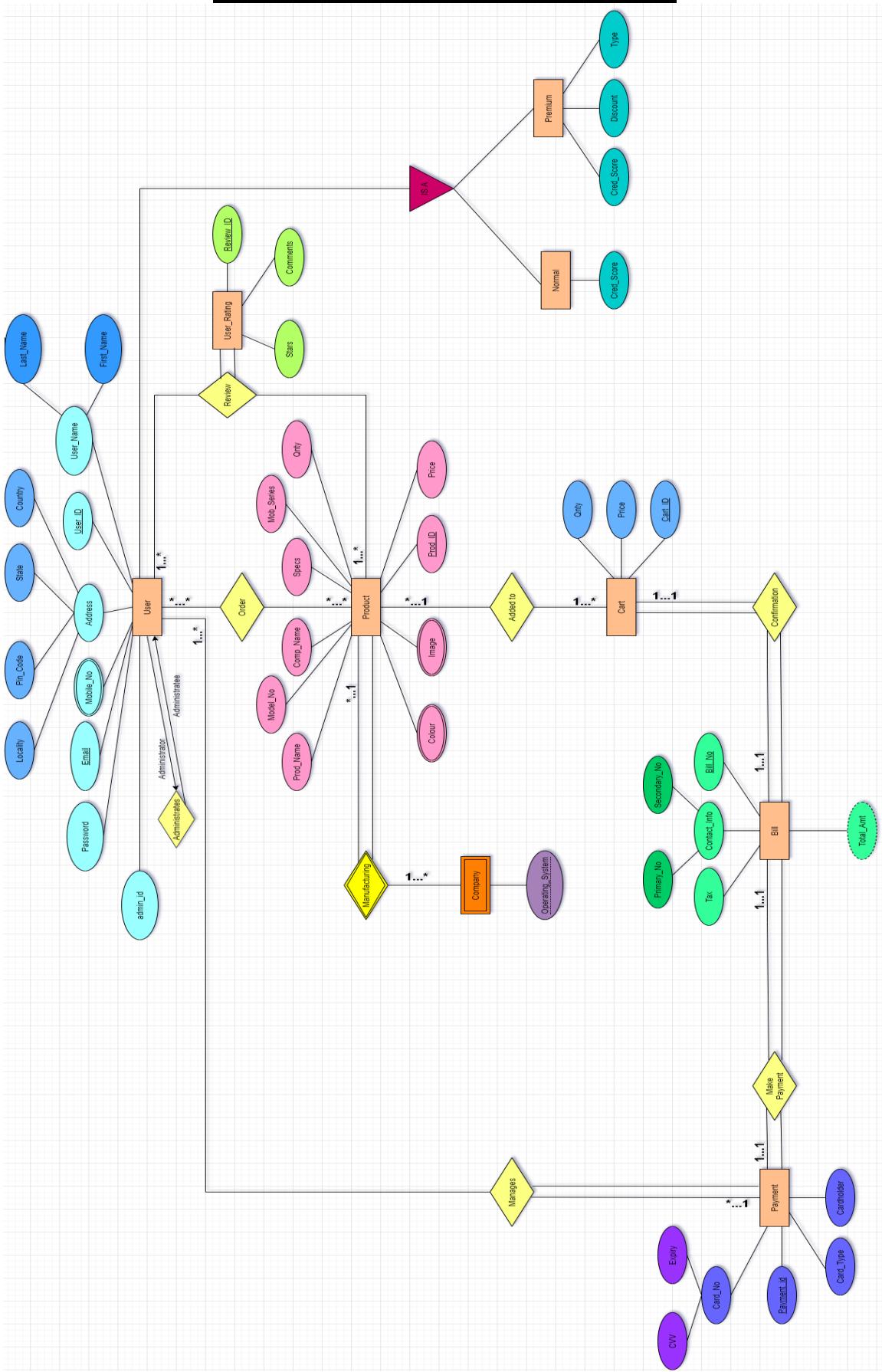


Figure 3: ER Diagram

# Relational Model

- User (user\_id, pin\_code, locality, country, state, email, password, first\_name, last\_name, admin\_id)
  - (table for multivalued attribute, mobile\_no, in entity, user) :- (user\_id, mobile\_no)
- Normal (user\_id, cred\_score)
- Premium (user\_id, cred\_score, discount, type)
- User\_rating (review\_id, prod\_id, user\_id, stars, comments)
- Order (user\_id, prod\_id)
- Product (prod\_id, prod\_name, model\_no, comp\_name, specs, mob\_series, qty, price)
  - (table for multivalued attribute, image, in entity, product) :- (prod\_id, image)
  - (table for multivalued attribute, color, in entity, product) :- (prod\_id, color)
- Company (comp\_name, operating\_system)
- Added to (prod\_id, cart\_id)
- Cart (cart\_id, prod\_name, prod\_id, qty, price)
- Payment (payment\_id, cvv, expiry, cardholder, card\_type, total\_amt)
- Bill (bill\_no, customer\_name, primary\_no, secondary\_no, payment\_id, tax, prod\_name, qnty, price, total\_amount, address)

# Schema

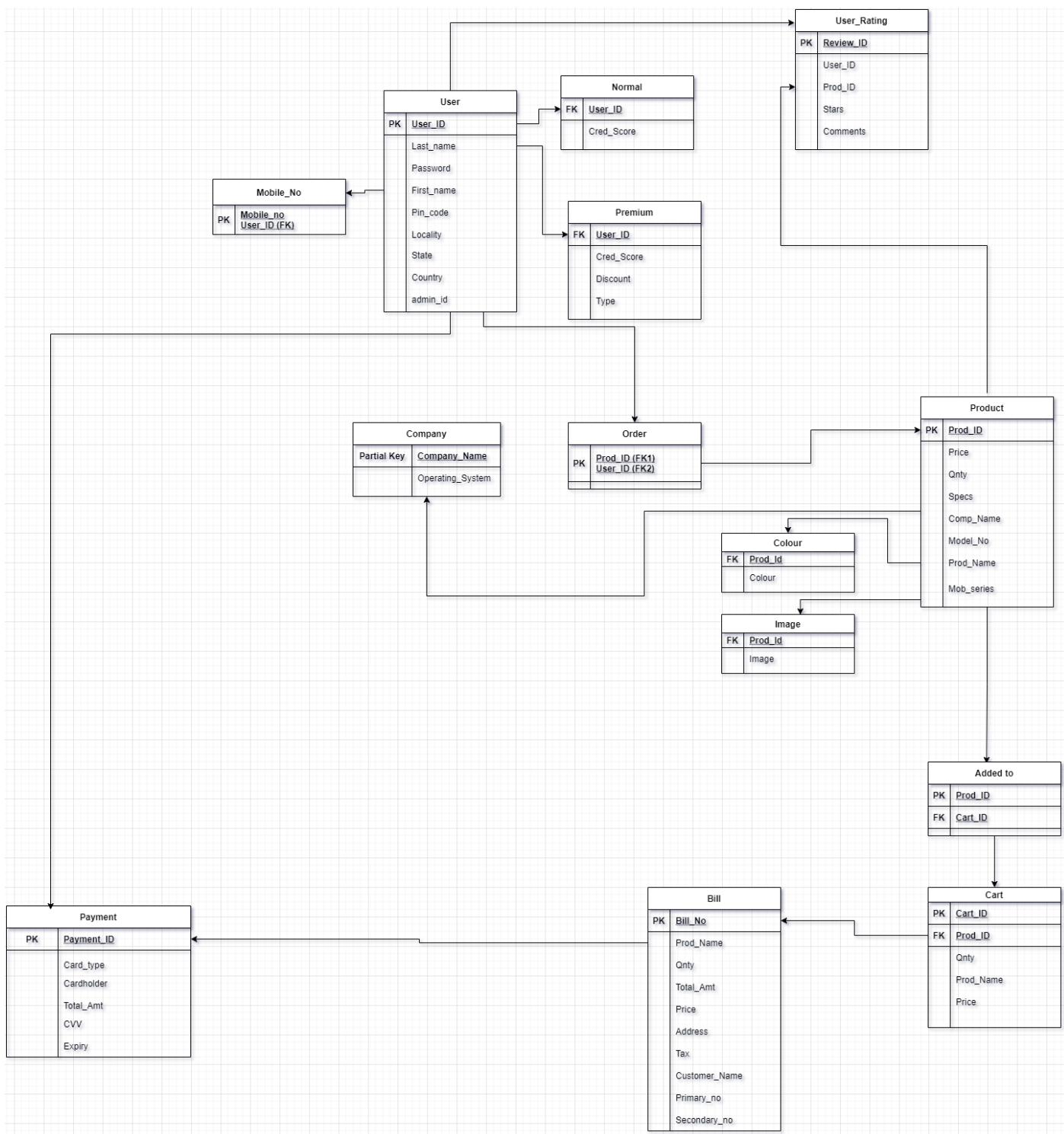


Figure 4: Schema

# Normalization

TABLE NAME	MAXIMUM NORMAL FORM
User	0 NF
Cart	2 NF
Bill	3 NF
User_rating	2 NF
Product	2 NF
Payment	2 NF

**Normalization:** The process of decomposing unsatisfactory "bad" relations by breaking up their attributes into smaller relations

**Normal form:** Condition using keys and FDs of a relation to certify whether a relation schema is in a particular normal form. Normalization is carried out in practice so that the resulting designs are of high quality and meet the desirable properties

The database designers need not normalize to the highest possible normal form. (usually up to 3NF, BCNF or 4NF)

## **First Normal Form (1 NF)**

Disallows composite attributes and multivalued attributes; attributes whose values for an individual tuple are non-atomic. The value of any attribute in a tuple must be atomic value

## **Second Normal Form (2 NF)**

A relation is in 2 NF if it is 1 NF and all its non-prime attributes are fully functionally dependent on the primary key of that relation.

## **Third Normal Form (3 NF)**

A relation is in 3NF if it is in 2NF and no non-prime attribute in that relation is transitively dependent on the primary key

# Implementation

## **Software used: Describe front end and back end used**

To make this website function properly we have used the following software's

**HTML:** Hyper Text Markup Language is the standard markup language used for making websites. It is used for adding structure to web pages. It can be used along with Cascading Style Sheets (CSS) and scripting languages such as JavaScript. HTML elements are building blocks of a webpage.

**CSS:** CSS stands for Cascading Style Sheets. It describes how HTML objects are displayed on the browser. It is used for the beautification of the webpages. We can use CSS to add colors to the website, structuring the elements relative to each other.

**MySQL:** MySQL is one of the most popular open-source databases. With its proven performance, reliability, and ease-of-use, MySQL has become the leading database choice for web-based applications, covering the entire range from personal projects and websites, via e-commerce and information services, all the way to high profile web properties including Facebook, Twitter, YouTube, Yahoo! and many more.

**PHP:** Stands for "Hypertext Preprocessor." PHP is an HTML-embedded Web scripting language. This means PHP code can be inserted into the HTML of a Web page. When a PHP page is accessed, the PHP code is read or "parsed" by the server the page resides on. The output from the PHP functions on the page are typically returned as HTML code, which can be read by the browser. Because the PHP code is transformed into HTML before the page is loaded, users cannot view the PHP code on a page. This makes PHP pages secure enough to access databases and other secure information.

**Atom:** Atom is a desktop application built with HTML, JavaScript, CSS, and Node.js integration. It runs on Electron, a framework for building cross-platform apps using web technologies. It's easy to customize and style Atom. Tweak the look and feel of your UI with CSS/Less, and add major features with HTML and JavaScript.

**XAMPP:** It is one of the widely used cross-platform web servers, which helps developers to create and test their programs on a local webserver. It was developed by Apache Friends, and its native source code can be revised or modified by the audience. It consists of Apache HTTP Server, MariaDB, and interpreter for the different programming languages like PHP and Perl.

## Describe connectivity of front end and back end

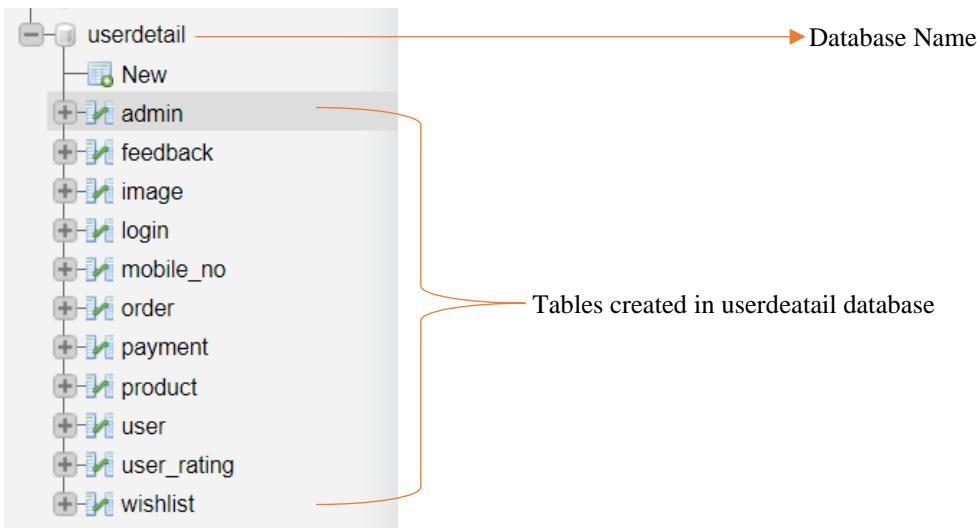


Figure 3: Database- Userdetail

Out of all the tables created in the userdetail database, we have used **login**, **admin**, **feedback** and **wishlist** tables for the implementation of certain task on the website.

### **Image:**

We have stored images of the specific products in the data base by using BLOB. The images are stored along with their Product Id.

This is stored in **image table**.

### **Signup:**

The signup page is where users can sign up to our website. They will be asked to fill out their name, email-id, and password. After submitting their information, the user will be directed to the login screen.

All this information will be stored in the **login table** of our database.

### **Login:**

Existing users can log in to their accounts through this page. The users will be required to enter their registered email-id and password to log-in.

We will cross-check the email id and password with the stored information in our **login table**.

### **Admin:**

This is exclusively designated for the administrators of the website. On this page, the admin will be asked to enter in their exclusive email-id and password which are preinserted in the database- **admin table**.

The admins will then have access to the registered information regarding all the users which will be shown in a table format. The contents of this table are derived from **login table**.

**Updation:**

The admin can further go to the updating tab which gives him the power to remove a user's credentials from the database if there is a foul play by a user. The updating table will remove from the **login table**

**Wishlist:**

When the user clicks on the 'View wishlist' button, the details of that particular phone namely: model, price, and colour. This data will be displayed in a table format.

The data is retrieved from the **wishlist** table.

**Feedback Form:**

The user can give their feedback on a model by going to the feedback form. The user is required to fill out the following fields: Name, Email-id, and Comment in the feedback form. This information will be stored in the **feedback** table of our database.

# Constraints

Your SQL query has been executed successfully.

```
DESC admin;
```

Field	Type	Null	Key	Default	Extra
name	text	NO		NULL	
email	varchar(100)	NO	PRI	NULL	
password	varchar(100)	NO		NULL	

Figure 4: Constraint-admin

Your SQL query has been executed successfully.

```
DESC feedback;
```

Field	Type	Null	Key	Default	Extra
Name	text	NO		NULL	
email	varchar(100)	NO	PRI	NULL	
Message	varchar(100)	NO		NULL	

Figure 5: Constraint-feedback

Your SQL query has been executed successfully.

```
DESC image;
```

Field	Type	Null	Key	Default	Extra
Prod_ID	int(100)	NO	PRI	NULL	
Image	longblob	NO		NULL	

Figure 6: Constraint-image

Your SQL query has been executed successfully.

```
DESC login;
```

Field	Type	Null	Key	Default	Extra
name	text	NO		NULL	
surname	text	NO		NULL	
email	varchar(100)	NO	PRI	NULL	
password	varchar(100)	NO		NULL	

Figure 7: Constraint-login

Your SQL query has been executed successfully.

```
DESC mobile_no;
```

Field	Type	Null	Key	Default	Extra
User_ID	int(100)	NO	PRI	NULL	
Mobile_no	bigint(100)	NO	PRI	NULL	

Figure 8: Constraint-mobile\_no

Your SQL query has been executed successfully.

`DESC payment;`

Field	Type	Null	Key	Default	Extra
Payment_ID	bigint(100)	NO	PRI	<i>NULL</i>	
Card_Type	text	NO		<i>NULL</i>	
Card_Holder	text	NO		<i>NULL</i>	
Total_Amt	int(100)	NO		<i>NULL</i>	
CVV	int(100)	NO		<i>NULL</i>	
Expiry	varchar(100)	NO		<i>NULL</i>	

Figure 9: Constraint- payment

Your SQL query has been executed successfully.

`DESC product;`

Field	Type	Null	Key	Default	Extra
Prod_ID	int(100)	NO	PRI	<i>NULL</i>	
Prod_name	text	NO		<i>NULL</i>	
Mob_series	varchar(100)	NO		<i>NULL</i>	
Price	int(100)	NO		<i>NULL</i>	
Qty	int(100)	NO		<i>NULL</i>	
Specs	varchar(100)	NO		<i>NULL</i>	
Comp_Name	varchar(100)	NO		<i>NULL</i>	
Model_no	varchar(100)	NO		<i>NULL</i>	

Figure 10: Constraint- product

Your SQL query has been executed successfully.

`DESC user;`

Field	Type	Null	Key	Default	Extra
User_ID	int(100)	NO	PRI	<i>NULL</i>	
First_name	text	NO		<i>NULL</i>	
Last_name	text	NO		<i>NULL</i>	
Password	varchar(100)	NO		<i>NULL</i>	
Email	varchar(100)	NO		<i>NULL</i>	
Pincode	int(100)	NO		<i>NULL</i>	
Locality	varchar(100)	NO		<i>NULL</i>	
State	text	NO		<i>NULL</i>	
Country	text	NO		<i>NULL</i>	

Figure 11: Constraint- user

Your SQL query has been executed successfully.

`DESC wishlist;`

Field	Type	Null	Key	Default	Extra
model	varchar(100)	NO	PRI	<i>NULL</i>	
price	int(100)	NO		<i>NULL</i>	
colour	text	NO		<i>NULL</i>	

Figure 12: Constraint- wishlist

## Working

On the home page of **GoKart**, we have mobiles, home, admin, login, and signup in the taskbar. At any point on any page if we click on the GoKart symbol on the upper right corner we will end on the home page.

On the home page below the task bar, there is a sliding video, displaying some of the phones available on the website. Towards the bottom of the home page, we have a feedback form along with other details about the website like contact info, social media, and other quick links. The user can give their feedback on a model by going to the feedback form.

When we click on mobile tab on the task bar, where we get further categories of the mobile models for the user to choose from. All phones are displayed at once for the user to see or if the user has a specific brand in mind can directly go to that tab. The user can see a flash of the specs of the specific model on the mobile tab by only hovering their mouse over the model.

On clicking a specific mobile, we get to see the images of the front view, side view, and back view of the model. On the left of the images, we see the price and key features of the model. We have a pay button that takes the quantity, email, phone no., name, address, and card details for the payment to go through while showing the total amount on the top.

We also have a wishlist button which will be displayed below the pay button. When the user clicks on the ‘View wishlist’ button, the details of that particular phone namely: model, price, and colour. If we scroll down further, we can see the specific specs and items included in the box.

We have also provided administrators the right to delete an account of a user who is misusing the account. This is exclusively designated for the administrators of the website. Here we use the concept of views as we have differentiated in displaying essential details for an administrator and a user.

# Screenshots

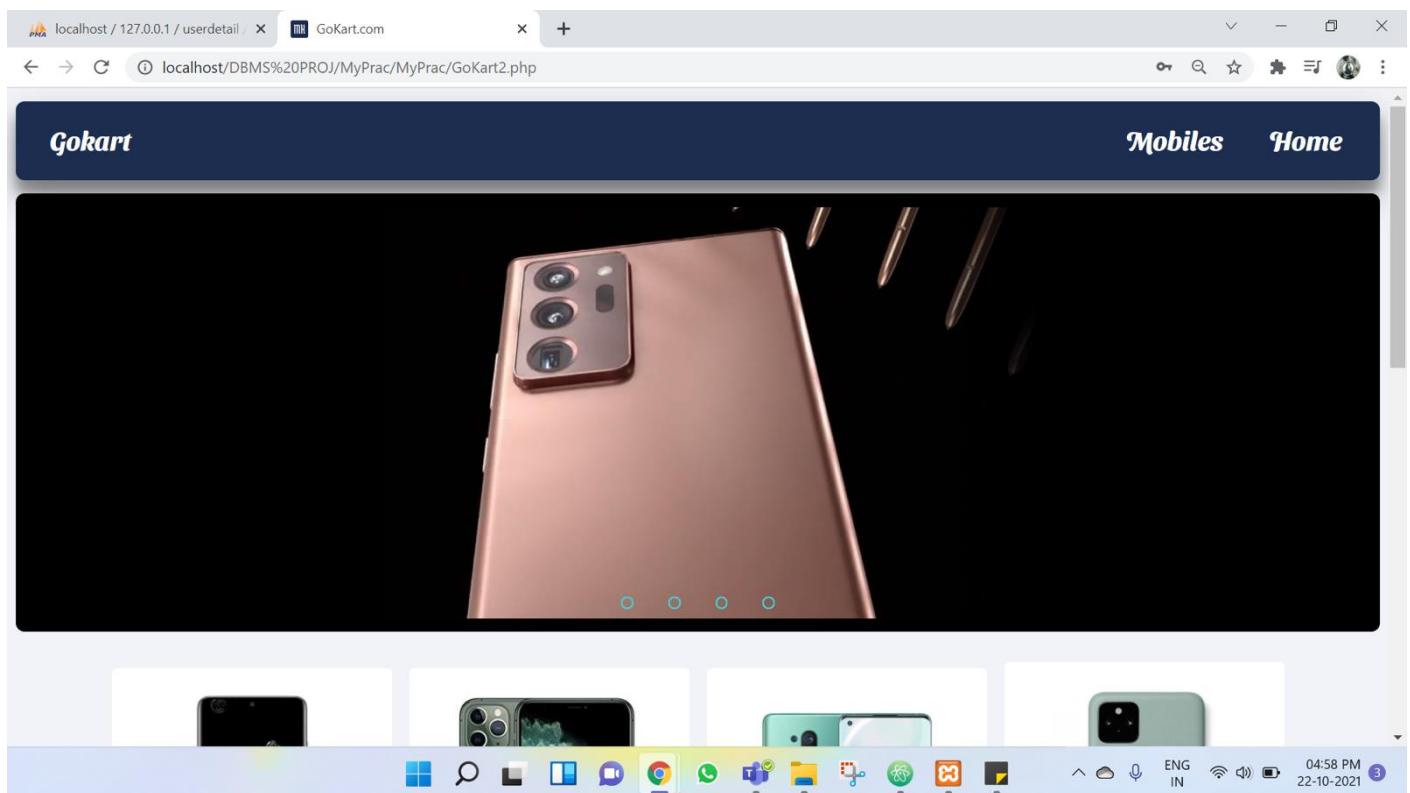


Figure 13: home page

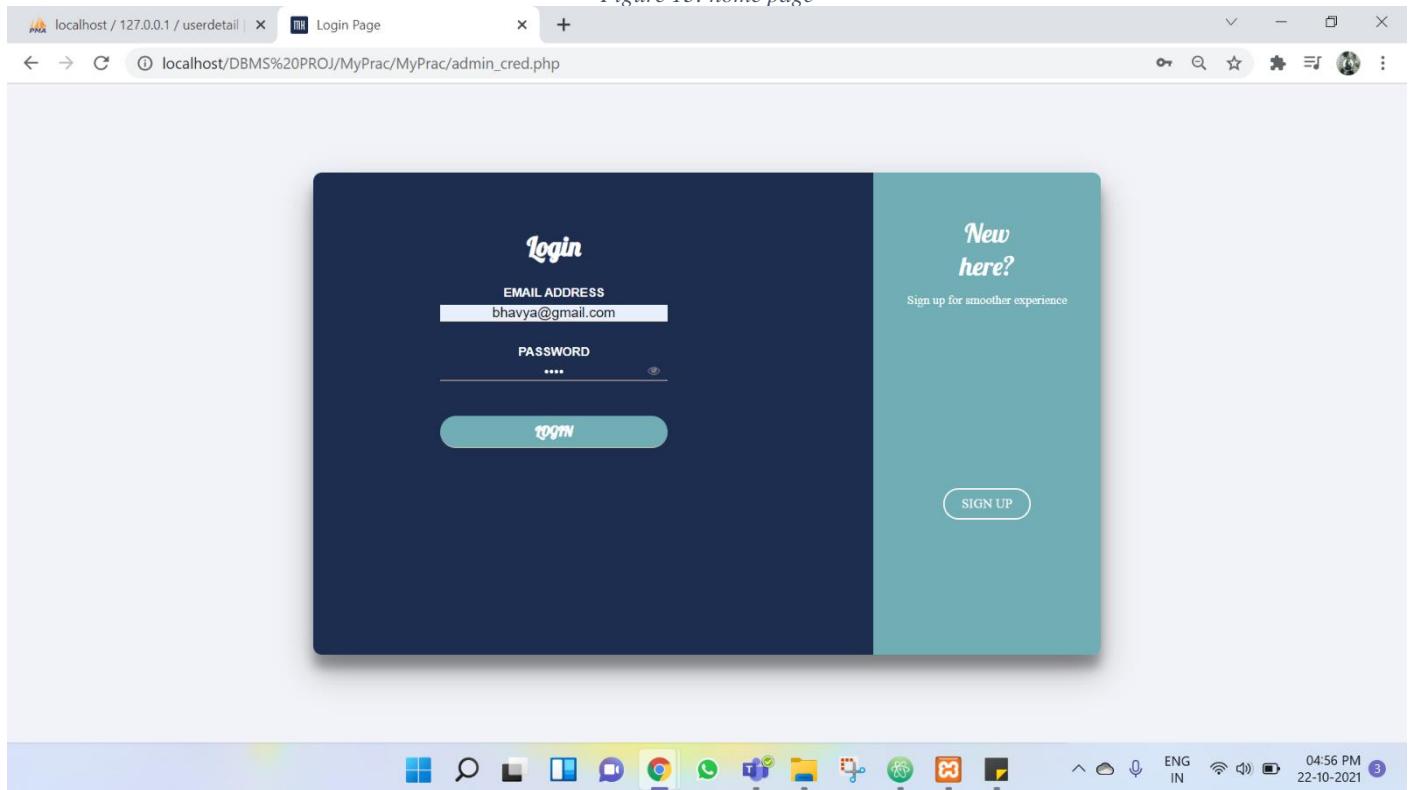


Figure 14: admin login

The screenshot shows a web browser window titled "localhost / 127.0.0.1 / userdetail" with the URL "localhost/DBMS%20PROJ/MyPrac/MyPrac/admin.php". The page has a dark blue header with the "Gokart" logo on the left and "Admin", "Home", and "Updation" buttons on the right. Below the header, the title "GoKart Users' Information" is displayed in orange. A table with six rows and four columns is shown, listing user details:

First Name	Surname	Email	Password
abc	abc	abc@gmail.com	abc123
Aliya	Shroff	aliyashroff@gmail.com	21134567
Anay	Kapoor	anaykapoor@gmail.com	t22ahs12ka
Binod	Mishra	binodmishra@gmail.com	672BM672
Ishaan	Yagnik	ishaanyagnik@gmail.com	Ch9830F1
Kartik	Verma	kartikverma@gmail.com	SK33398

The system tray at the bottom of the screen shows various icons and the date/time: 04:57 PM, 22-10-2021.

Figure 15: Initial user table

The screenshot shows a web browser window titled "localhost / 127.0.0.1 / userdetail" with the URL "localhost/DBMS%20PROJ/MyPrac/MyPrac/signup.html". The page has a dark blue header with the "Sign Up" button. The main content area is divided into two sections: a dark blue section on the left containing the "Sign up" form, and a teal section on the right with a "Have been here before?" message and a "LOGIN" button. The "Sign up" form includes fields for FIRST NAME (maya), LAST NAME (singh), EMAIL ADDRESS (maya@gmail.com), and PASSWORD (\*\*\*\*\*). The "SIGN UP" button is located below the password field. The system tray at the bottom of the screen shows various icons and the date/time: 04:57 PM, 22-10-2021.

Figure 16: Sign up

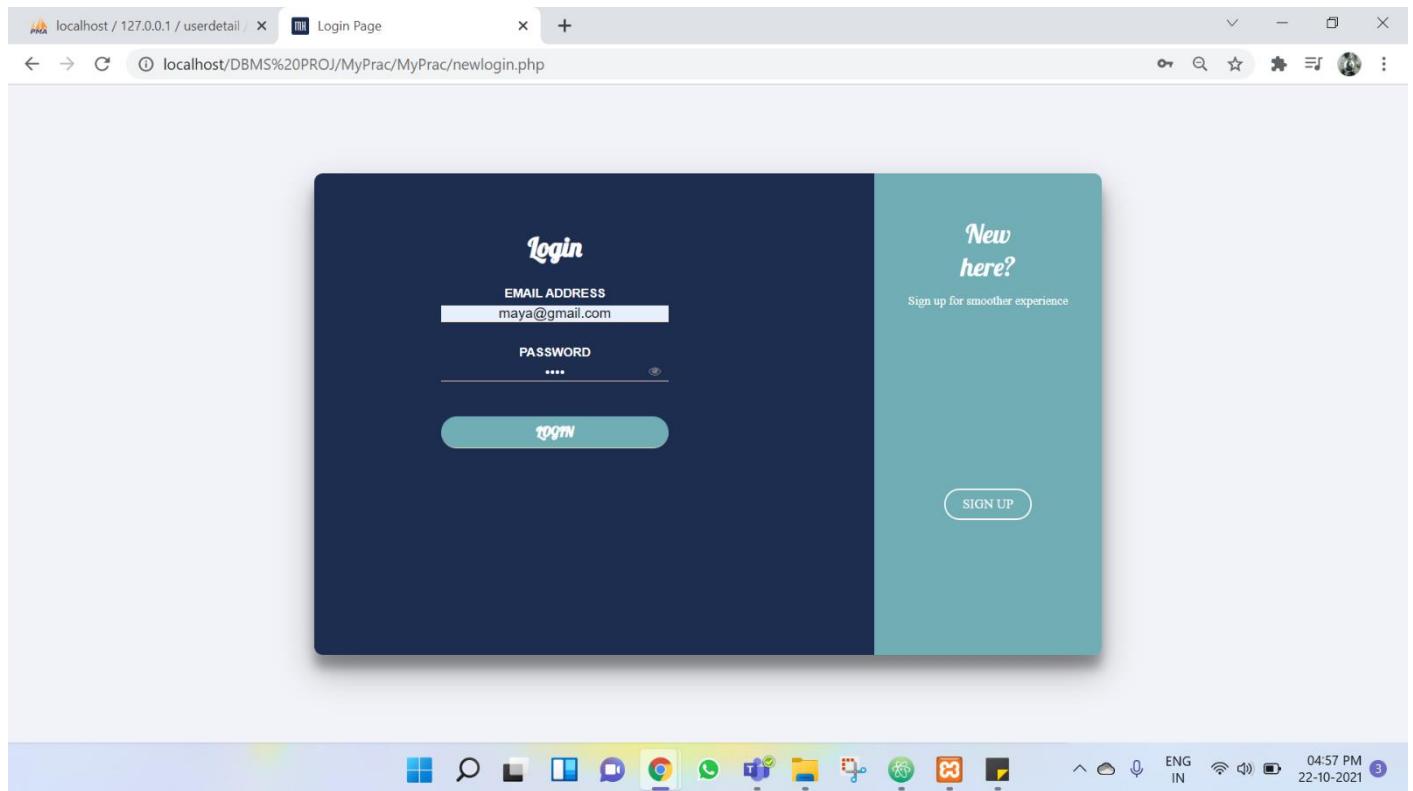


Figure 17: Login

First Name	Surname	Email	Password
Aliya	Shroff	aliyashroff@gmail.com	21134567
Anay	Kapoor	anaykapoor@gmail.com	t22ahs12ka
Binod	Mishra	binodmishra@gmail.com	672BM672
Ishaan	Yagnik	ishaanyagnik@gmail.com	Ch9830F1
Kartik	Verma	kartikverma@gmail.com	SK33398
maya	singh	maya@gmail.com	m123

Figure 18: updated userdetail

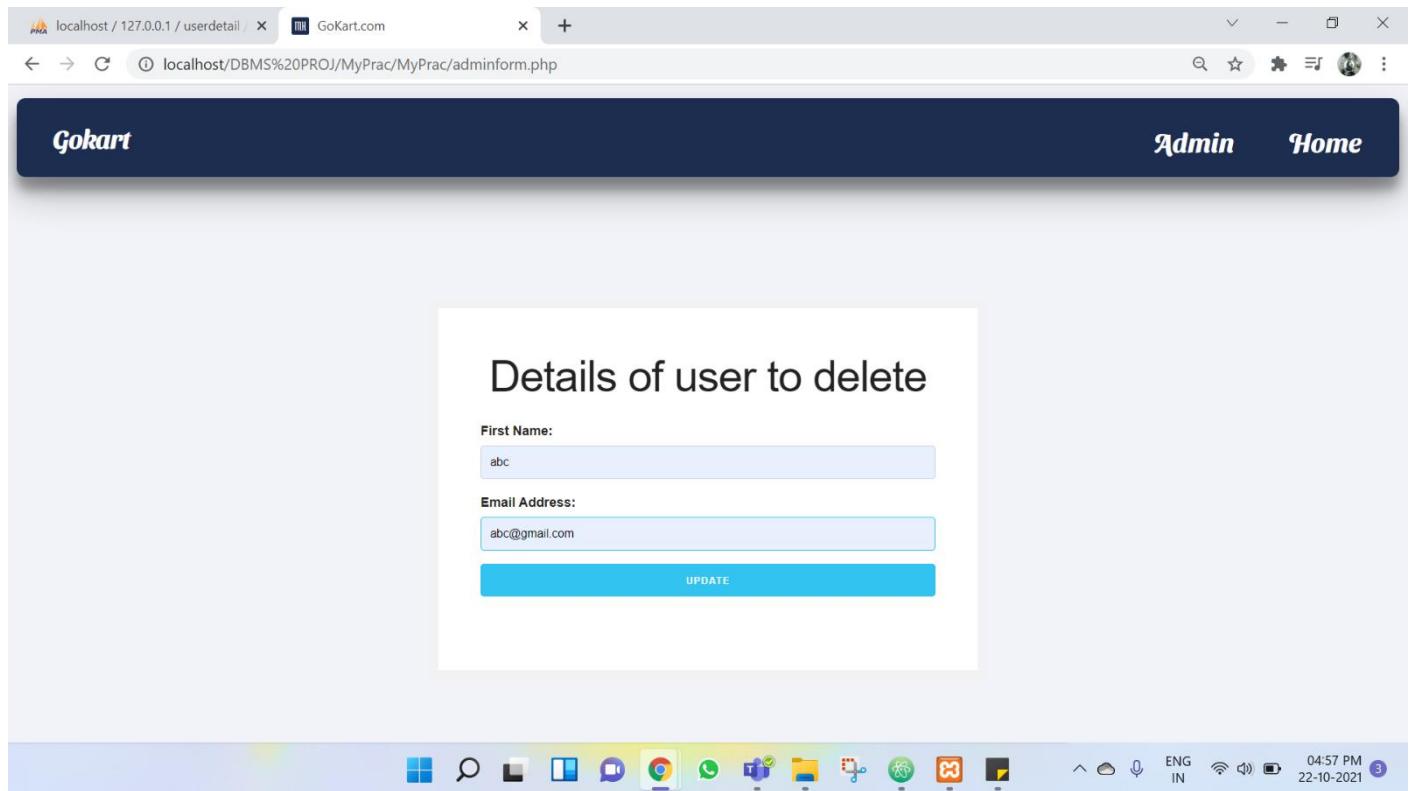


Figure 19: deletion of a user

First Name	Surname	Email	Password
Aliya	Shroff	aliyashroff@gmail.com	21134567
Anay	Kapoor	anaykapoor@gmail.com	t22als12ka
Binod	Mishra	bimodmishra@gmail.com	672BM672
Ishaan	Yagnik	ishaanyagnik@gmail.com	Ch9830F1
Kartik	Verma	kartikverma@gmail.com	SK33398
maya	singh	maya@gmail.com	m123

Figure 20: updation after deletion of user table

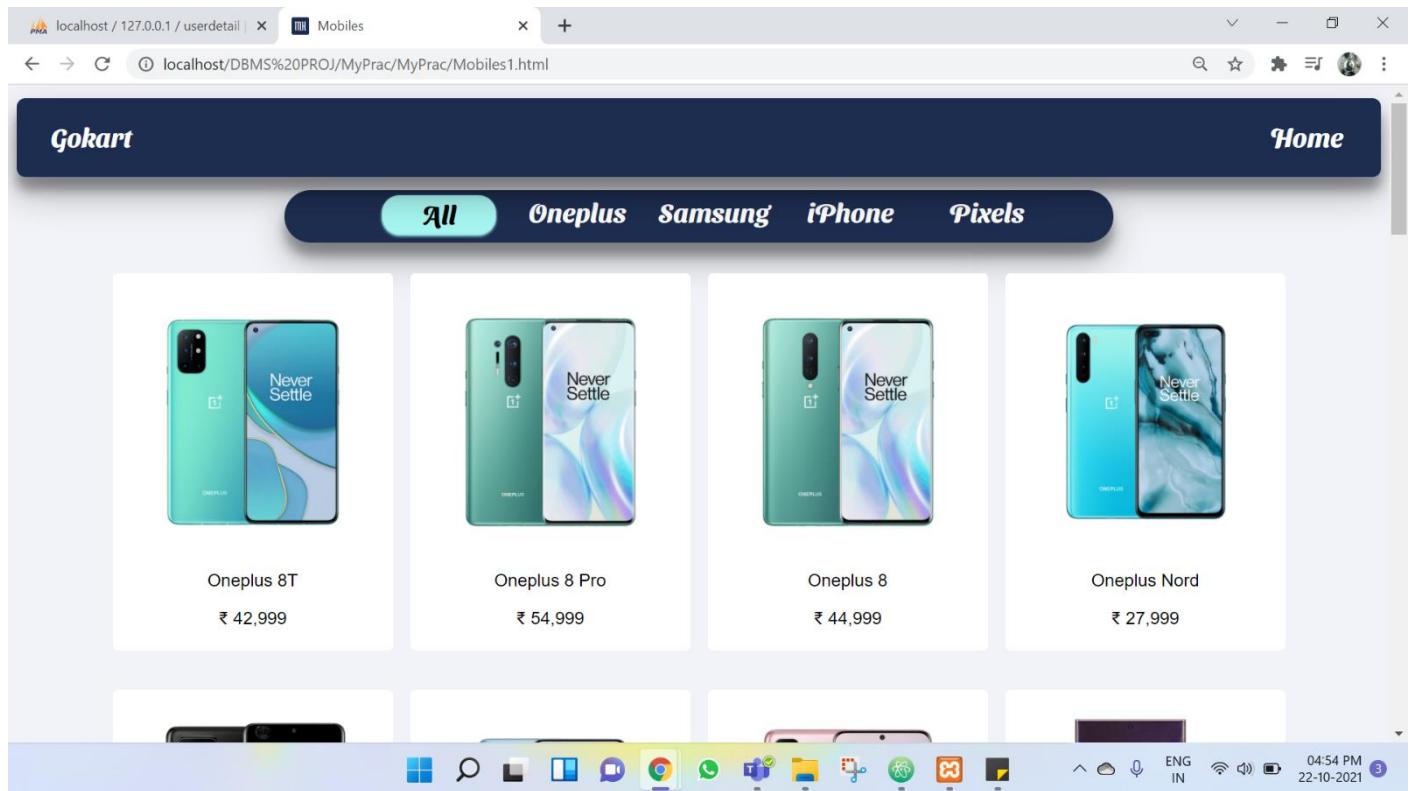


Figure 21: mobiles in store

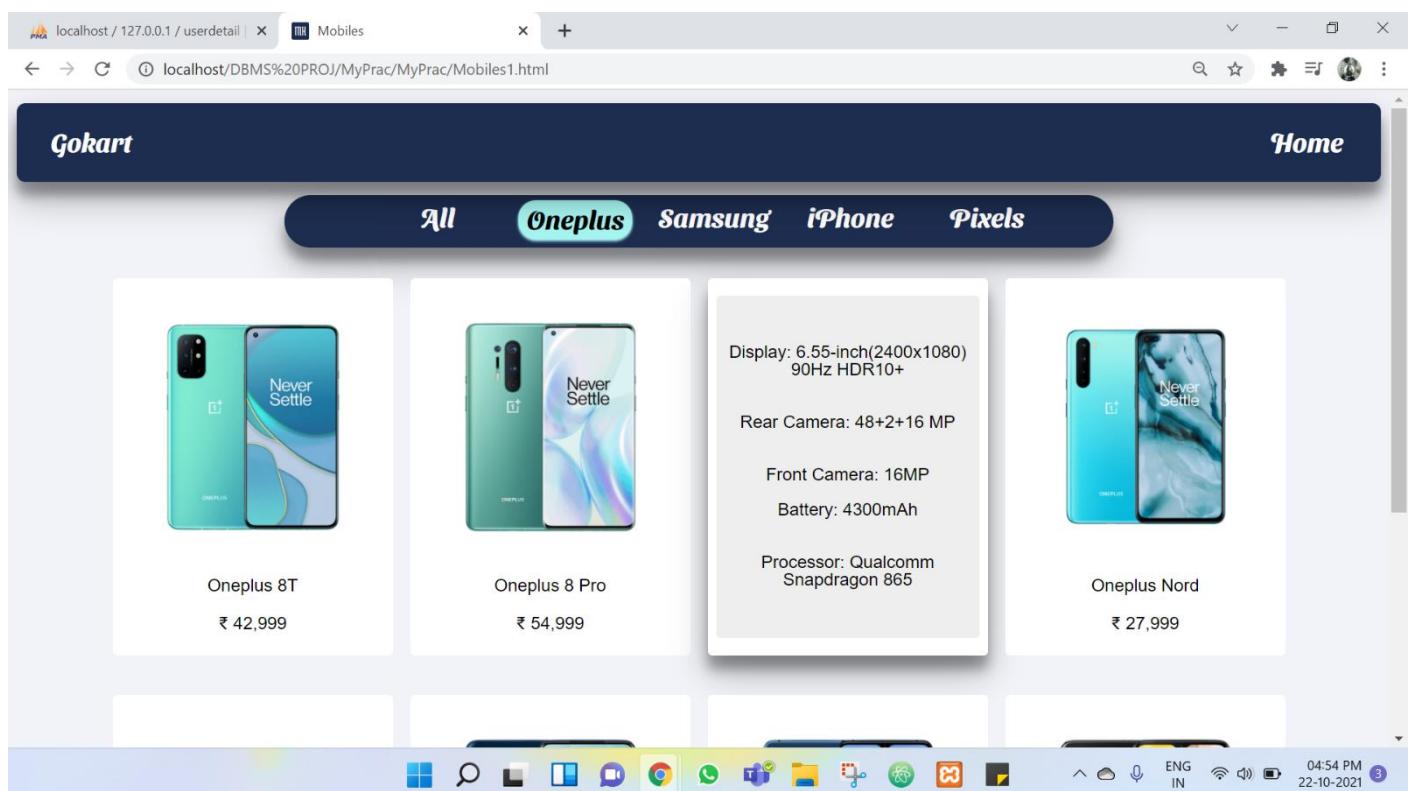


Figure 22: classification by brand

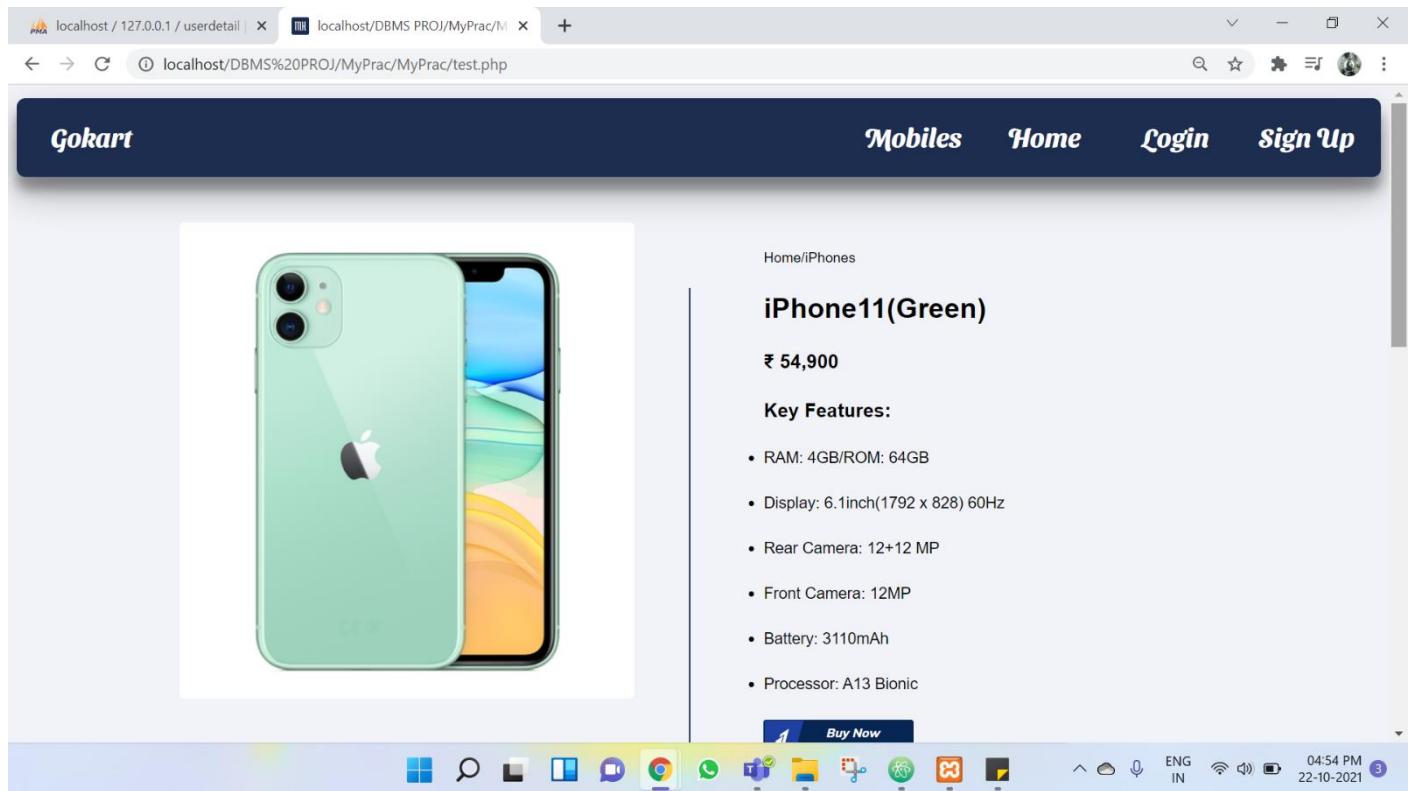


Figure 23: Model on display

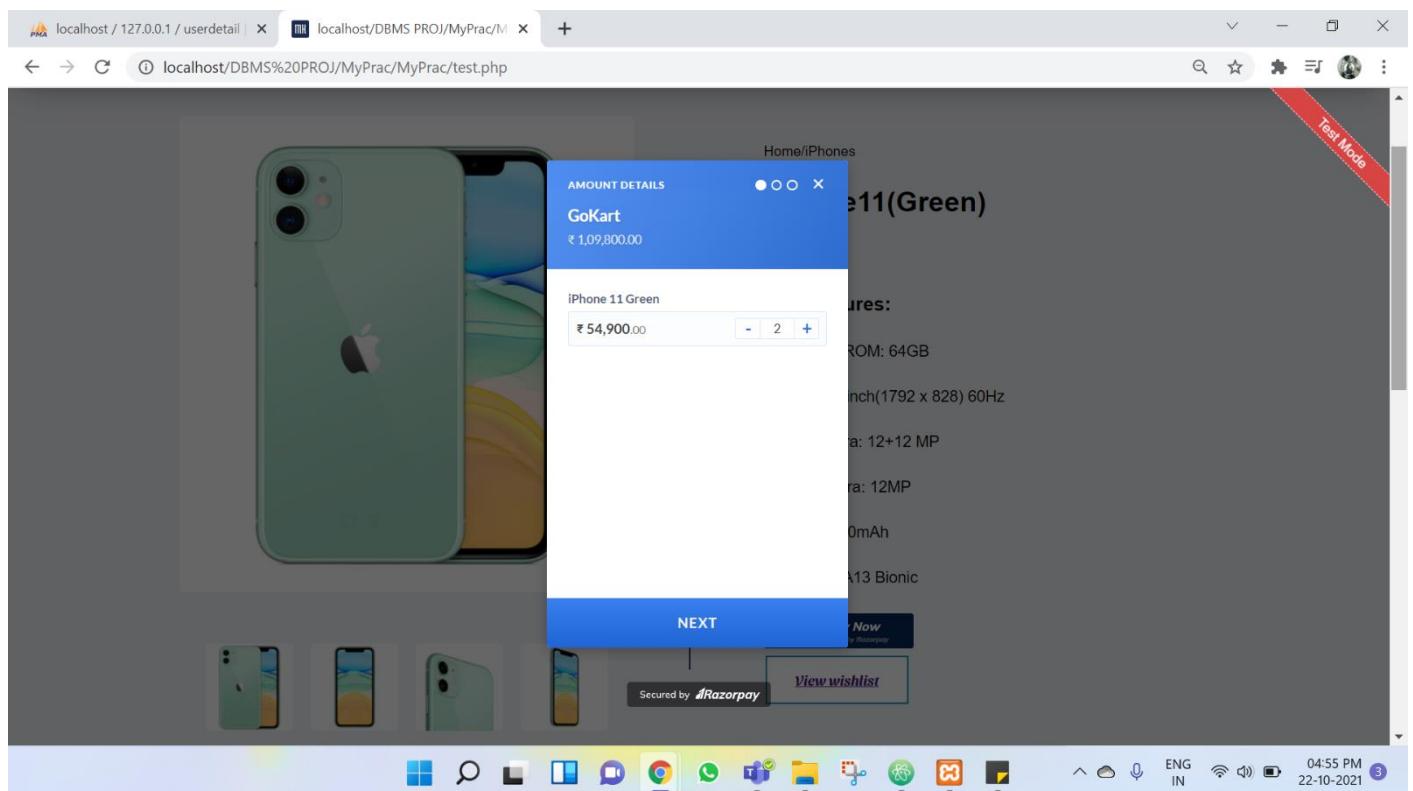


Figure 24: Payment button

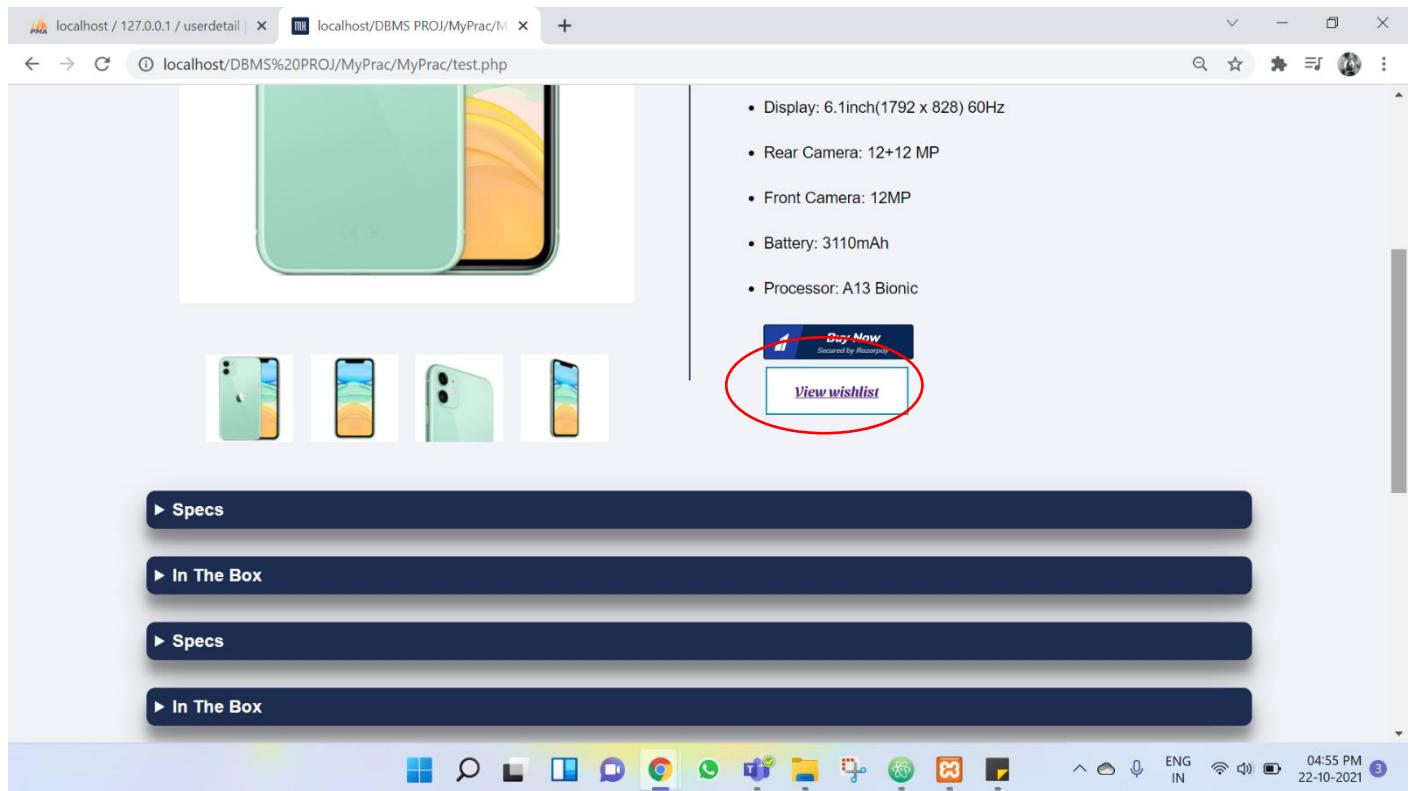


Figure 25: Wishlist Button

The screenshot shows a table titled "GoKart Users' Information" with the following data:

Model	Price	Colour
iphone 11	\$4900	green
one plus 8 pro	\$4900	sea green

Figure 26: Wislist products display

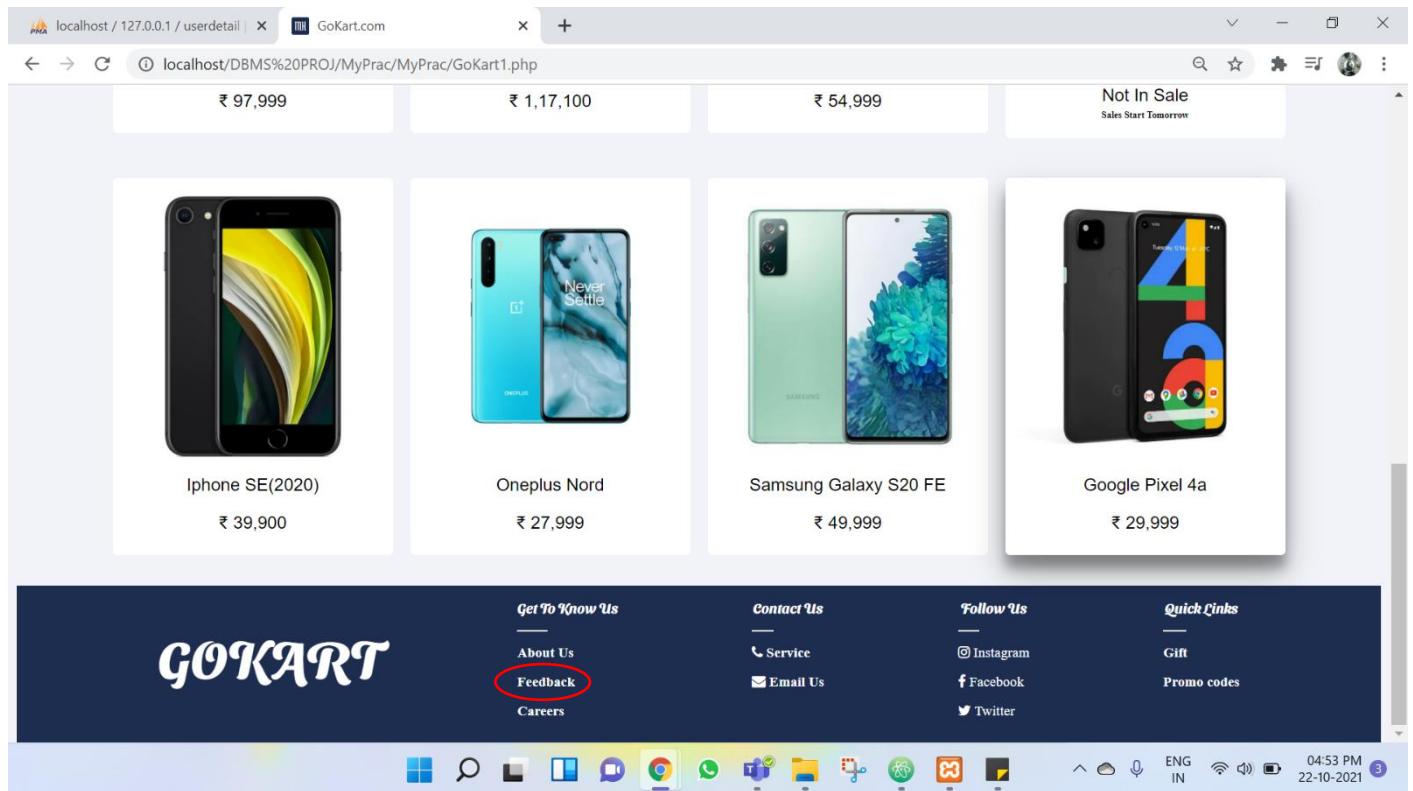


Figure 27: feedback button

The screenshot shows a feedback form titled "Feedback form". The form contains the following fields:

- Your Name: abc
- Email Address: abc@gmail.com
- Message: Nice Service

A blue "POST" button is located at the bottom of the form. At the bottom left, a message "New record created successfully" is displayed. The browser status bar shows the URL "localhost/DBMS%20PROJ/MyPrac/MyPrac/formpage.php" and the date "22-10-2021".

Figure 28:feedback form

# Database

The screenshot shows the phpMyAdmin interface for the 'userdetail' database. The left sidebar lists various databases and the current selection is 'userdetail'. The main area displays a table of 11 tables with their respective details. Below the table, there is a 'Create table' section and a 'Console' tab.

Table	Action	Rows	Type	Collation	Size	Overhead
admin	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
feedback	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
image	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	1.5 MiB	-
login	Browse Structure Search Insert Empty Drop	6	InnoDB	utf8mb4_general_ci	16.0 KiB	-
mobile_no	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	32.0 KiB	-
order	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	80.0 KiB	-
payment	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
product	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
user	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	16.0 KiB	-
user_rating	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8mb4_general_ci	48.0 KiB	-
wishlist	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	32.0 KiB	-
11 tables	Sum	51	InnoDB	utf8mb4_general_ci	1.8 MiB	0 B

Figure 29:all tables created

The screenshot shows the phpMyAdmin interface for the 'userdetail' database, specifically viewing the 'user\_rating' table. The left sidebar lists various databases and the current selection is 'userdetail'. The main area shows the table structure with 5 rows of data. The table has columns: Review\_ID, User\_ID, Prod\_ID, Stars, and Comments. The last row contains a comment: 'delivered phone not of the same colour'.

	Review_ID	User_ID	Prod_ID	Stars	Comments
<input type="checkbox"/>	2777	34567892	251674	5	-
<input type="checkbox"/>	5672	34567345	892345	4	Good services
<input type="checkbox"/>	5891	34208190	345672	4	-
<input type="checkbox"/>	6502	78134562	916720	4	delivered phone not of the same colour
<input type="checkbox"/>	7823	34506819	782345	3	Delivery on time

Figure 30:user rating table

The screenshot shows the phpMyAdmin interface for the 'userdetail' database. The left sidebar lists databases and tables, with 'user' selected. The main area displays the 'user' table with the following data:

User_ID	First_name	Last_name	Password	Email	Pincode	Locality	State	Country
34208190	Aliyah	Shroff	21134567	aliyashroff@gmail.com	400101	Cambridge Heights, Lokhandwala Township, Mumbai	Maharashtra	India
34506819	Ishaan	Yagnik	Ch9830F1	ishaanyagnik@gmail.com	400309	B-1402, Evershine, Malad, Mumbai	Maharashtra	India
34567345	Kartik	Verma	SK33398	kartikverma@gmail.com	400903	C-103, Sierra, Pratap Nagar, Jaipur	Rajasthan	India
34567892	Binod	Mishra	672BM672	binodmishra@gmail.com	400809	B-1203, Barone, Borivali, Mumbai	Maharashtra	India
78134562	Anay	Kapoor	t22ahs12ka	anaykapoor@gmail.com	400901	B-20, Galaxy Towers, Sandkheda, Ahmedabad	Gujarat	India

Below the table, there are buttons for 'Edit', 'Copy', 'Delete', and 'Export'. The status bar at the bottom right shows '04:59 PM 22-10-2021'.

Figure 31: user table

The screenshot shows the phpMyAdmin interface for the 'userdetail' database. The left sidebar lists databases and tables, with 'product' selected. The main area displays the 'product' table with the following data:

Prod_ID	Prod_name	Mob_series	Price	Qty	Specs	Comp_Name	Model_no
251674	iPhone 12	IM108920	79900	10	6.3inch, 35 mpx	Apple	782345
345672	Galaxy M31s	MX31056	39900	10	6.9 inch, 40mpx	Samsung	891234
782345	Google pixel 5	GP890234	29999	10	6.2inch, 45mpx	Google	745362
892345	iPhone 11	IM923451	54900	10	6.1inch, 32 mpx	Apple	098345
916720	Oneplus 8 pro	OP012237	54999	10	6.7inch, 16mpx	Oneplus	406741

Below the table, there are buttons for 'Edit', 'Copy', 'Delete', and 'Export'. The status bar at the bottom right shows '04:59 PM 22-10-2021'.

Figure 32: product table

The screenshot shows the phpMyAdmin interface for the 'payment' table in the 'userdetail' database. The table has columns: Payment\_ID, Card\_Type, Card\_Holder, Total\_Amt, CVV, and Expiry. The data is as follows:

Payment_ID	Card_Type	Card_Holder	Total_Amt	CVV	Expiry
1234567890	American Express	Anay Kapoor	29999	346	12/22
4800375222	IDBI	Ishaan Yagnik	29999	873	09/23
5678901234	ICICI	Binod Mishra	79900	468	11/22
7289354671	ICICI	Kartik Verma	54900	861	09/21
7890123456	HDFC	Aliya Shroff	39900	567	10/21

Figure 33: payment table

The screenshot shows the phpMyAdmin interface for the 'order' table in the 'userdetail' database. The table has columns: Prod\_ID and User\_ID. The data is as follows:

Prod_ID	User_ID
251674	34567892
345672	34208190
782345	34506819
892345	34567345
916720	78134562

Figure 34 : order table

The screenshot shows the phpMyAdmin interface for the 'userdetail' database. The 'mobile\_no' table is selected. The table structure includes columns: User\_ID, Mobile\_no. There are 4 rows displayed, each with edit, copy, and delete options. The rows contain the following data:

User_ID	Mobile_no
34208190	9924563170
34506819	9920167891
34567345	9320197810
34567892	9865748320
78134562	7891230578

Figure 35:Mobile\_no table

The screenshot shows the phpMyAdmin interface for the 'userdetail' database. The 'login' table is selected. The table structure includes columns: name, surname, email, password. There are 6 rows displayed, each with edit, copy, and delete options. The rows contain the following data:

name	surname	email	password
abc	abc	abc@gmail.com	abc123
Aliya	Shroff	aliashroff@gmail.com	21134567
Anay	Kapoor	anaykapoor@gmail.com	t22ahs12ka
Binod	Mishra	binodmishra@gmail.com	672BM672
Ishaan	Yagnik	ishaanyagnik@gmail.com	Ch9830F1
Kartik	Verma	kartikverma@gmail.com	SK33398

Figure 36:login table

The screenshot shows the phpMyAdmin interface for the 'feedback' table in the 'userdetail' database. The table has three columns: Name, email, and Message. The data is as follows:

Name	email	Message
Aliya Shroff	aliyahshroff@gmail.com	Really liked the new Phone.
Janki Kanakia	janki.kanakia@gmail.com	Got damaged product.
Param Jhadav	param.jhadav@gmail.com	Got a great dealat GoKart
Tanishka Jain	tanishka.jain@gmail.com	Nice variety
Yabshara Jain	yabshara.jain@gmail.com	Delivered on time.

Figure 37:feedback table

The screenshot shows the phpMyAdmin interface for the 'admin' table in the 'userdetail' database. The table has three columns: name, email, and password. The data is as follows:

name	email	password
Anshuman Thapliyal	anshuman@gmail.com	a123
Bhavya Raj	bhavya@gmail.com	b123
Divyanshu Sharma	divyanshu@gmail.com	d123

Figure 38:admin table

localhost / 127.0.0.1 / userdetail > GoKart.com > localhost/phpmyadmin/index.php?route=/sql&db=userdetail&table=wishlist&pos=0

**phpMyAdmin**

Recent | Favorites

Server: 127.0.0.1 > Database: userdetail > Table: wishlist

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Triggers

MySQL returned an empty result set (i.e. zero rows) (Query took 0.0004 seconds.)

SELECT \* FROM `wishlist`

model price colour

Query results operations

Create view

Console

Windows Taskbar: 05:00 PM 22-10-2021

Figure 39:wishlist

localhost / 127.0.0.1 / userdetail > GoKart.com > localhost/phpmyadmin/index.php?route=/sql&server=1&db=userdetail&table=image&pos=0

**phpMyAdmin**

Recent | Favorites

Server: 127.0.0.1 > Database: userdetail > Table: image

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Triggers

Showing rows 0 - 4 (5 total, Query took 0.0014 seconds.)

SELECT \* FROM `image`

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

+ Options

Prod_ID	Image
251674	[BLOB - 106.9 kB]
345672	[BLOB - 350.9 kB]
782345	[BLOB - 78.3 kB]
892345	[BLOB - 130.7 kB]
916720	[BLOB - 150.5 kB]

With selected: Edit Copy Delete

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

Console

Windows Taskbar: 04:58 PM 22-10-2021

Figure 40:IMAGE

## Conclusion & Learning

After successful completion of the report we as a group are able to –

- Explain the basics of ER diagram & its importance in database design.
- Design ER diagram for our project.
- Convert the ER diagram into equivalent relational model.
- Learnt how to make a schema diagram.
- Apply knowledge of relational algebra & structural query language to retrieve & manage data in relational dbs.
- Understand & develop GUI using Html, CSS and PHP
- Understand & develop programs using database.

Successful execution of the working model of the mobile e-commerce website-GoKart. We can make any website from start to end. we got a better understanding and grasp for making an entity relation model, relational model, schema, connection of front and back end, sql queries.