Progressive Education Society's

MODERN COLLEGE OF ENGINEERING

Pune 411005.

A PROJECT   REPORT   ON

"**Online Mobile Shoppe**"

By

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In partial fulfillment of S.E (Information Technology)

Savitribai Phule Pune University

PUNE

2020-21

Progressive Education Society's
Modern College of Engineering,
Pune-05. Department of
Information Technology

2021-22

Certificate

This is to certify that, project entitled "**Online Mobile Shop**",
Submitted by Mujeeb Khan, Harshad Khalate, Samrudhi More,
Apeksha Nawkar is record of Bonafide work carried out by them,
under the guidance of **Ms. Supriya Jagtap**, in fulfillment of the
requirement for the award of the S.E. of Bachelor of Engineering in
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      GUIDE   **H.O.D**

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Date: 14-05-2022

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PROJECT TITLE

ONLINE MOBILE SHOPPE

INTRODUCTION

Computer plays an important role in our daily life. Anything we want we can get only in one mouse click. Speed, reliability and accuracy of the computer make it a powerful tool for different purposes. A very important and basic need of today's modern business world is the quick availability and processing of information using computer. One can easily get the type of required information within a fraction of a second. The project that I have taken is also in this category which is used in our daily life whenever we want to purchase some items we can easily get them at our home.

Objective

The objective of project on Online Shopping Portal is to developing a GUI based automated system, which will cover all the information Related to the all products which is used in our daily life. For example Mobiles Phones So by this GUI based automated system a user want to purchase something then it only a mouse click away to purchase these products.

Scope of System

The project could be implemented in an average sized organization.

An average company will not be very keen on spending loads of money on ledgers. Whereas these projects will greatly reduce the costs which is using common & cheap office items like database & desktop application.

And also there is no requirement to store books or accounts. The data is directly stored in database in the hard disk of the Pc.

Limitations

Although we have put our best efforts to make the software flexible, easy to operate but limitations cannot be ruled out even by us.

- Data privacy concerns. With more access to consumer data comes a greater responsibility as a brand to protect that information. ...
- International competition. ...
- Internet connectivity. ...
- Shipping costs. ...
- Unknown/unexpected factors and fees.

Feasibility Study

After doing the project Online Mobile Shoppe, study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. All projects are feasible - given unlimited resources and infinite time Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.

 A. Economical Feasibility

 This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor. All hardware and software cost has to be borme by the organization . Overall we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs and the later on running cost for system.

B. Technical Feasibility

This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionality to be provided in the system, as described in the System Requirement Specification (SRS), and checked if everything was possible using different type of frontend and backend platforms.

C. Operational Feasibility

No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable with new system. As far our study is concerned the clients are comfortable and happy as the system has cut down their loads and doing.

Software Requirement Specification
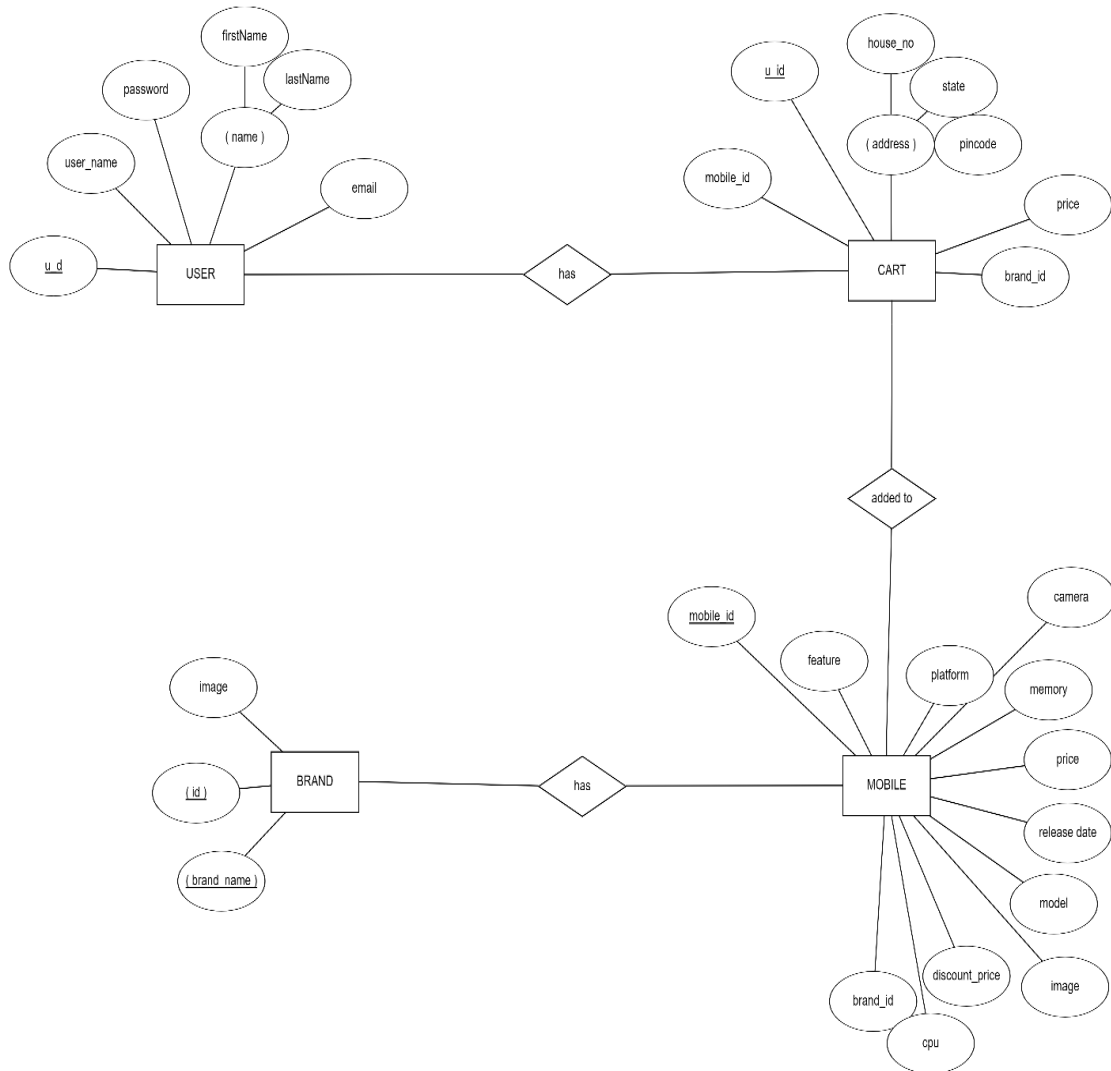
1. Tech Stack

i. <u>Front End</u>: html/css/js/bootstrap

ii. <u>Back End:</u> MySQL,PHP

iii. <u>Tools:</u> vs code, xampp

2. Hardware Requirements :

i. <u>Processor:</u> Pentium III 630MHz

ii. <u>Ram: 4gb</u>

iii. <u>Memory:</u>20gb

ER DIAGRAM

ER TO TABLE CONVERSION

```
describe user;
```

[Edit inline] [Edit] [Create PHP code]

+ Options

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	*NULL*	auto_increment
firstName	varchar(20)	NO		*NULL*	
lastName	varchar(20)	NO		*NULL*	
imageUrl	varchar(120)	NO		*NULL*	
email	varchar(50)	NO	UNI	*NULL*	
username	varchar(25)	NO		*NULL*	
password	varchar(25)	NO		*NULL*	

```
describe brand;
```

[Edit inline] [Edit] [Create PHP code]

+ Options

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	*NULL*	auto_increment
name	varchar(50)	NO		*NULL*	
imageUrl	varchar(80)	NO		*NULL*	

```
describe mobile;
```

[Edit inline] [Edit] [Create PHP code]

+ Options

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	*NULL*	auto_increment
model	varchar(100)	NO		*NULL*	
brandID	int(11)	NO		*NULL*	
price	double	NO		*NULL*	
releaseDate	varchar(100)	NO		*NULL*	
discountRate	double	NO		*NULL*	
mobileUrl	varchar(100)	NO		*NULL*	
cameraSpecs	varchar(100)	NO		*NULL*	
memorySpecs	varchar(100)	NO		*NULL*	
networkSpecs	varchar(100)	NO		*NULL*	
platform	varchar(100)	NO		*NULL*	
cpu	varchar(100)	NO		*NULL*	
features	varchar(300)	NO		*NULL*	

```
describe cart;
```

+ Options

Field	Type	Null	Key	Default	Extra
u_id	int(11)	NO	MUL	NULL	
mobile_id	int(11)	NO		NULL	
brand_id	int(11)	NO		NULL	
house_no	varchar(255)	NO		NULL	
state	varchar(255)	NO		NULL	
pincode	int(11)	NO		NULL	
price	float	NO		NULL	

```
describe admin;
```

+ Options

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
username	varchar(25)	NO		NULL	
password	varchar(25)	NO		NULL	
email	varchar(50)	NO	UNI	NULL	

Schema Diagram

CART

u_id	(FK)
house_no	
state	
pincode	
price	
mobile_id	(FK)

USER

u_id
user_name
password
firstName
lastName
email

ADMIN

a_id
email
password
user_name

MOBILE

mobile_id	
features	
platform	
camera	
memory	
price	
release_date	
model	
image	
discount_price	
cpu	
brand_id	(FK)

BRAND

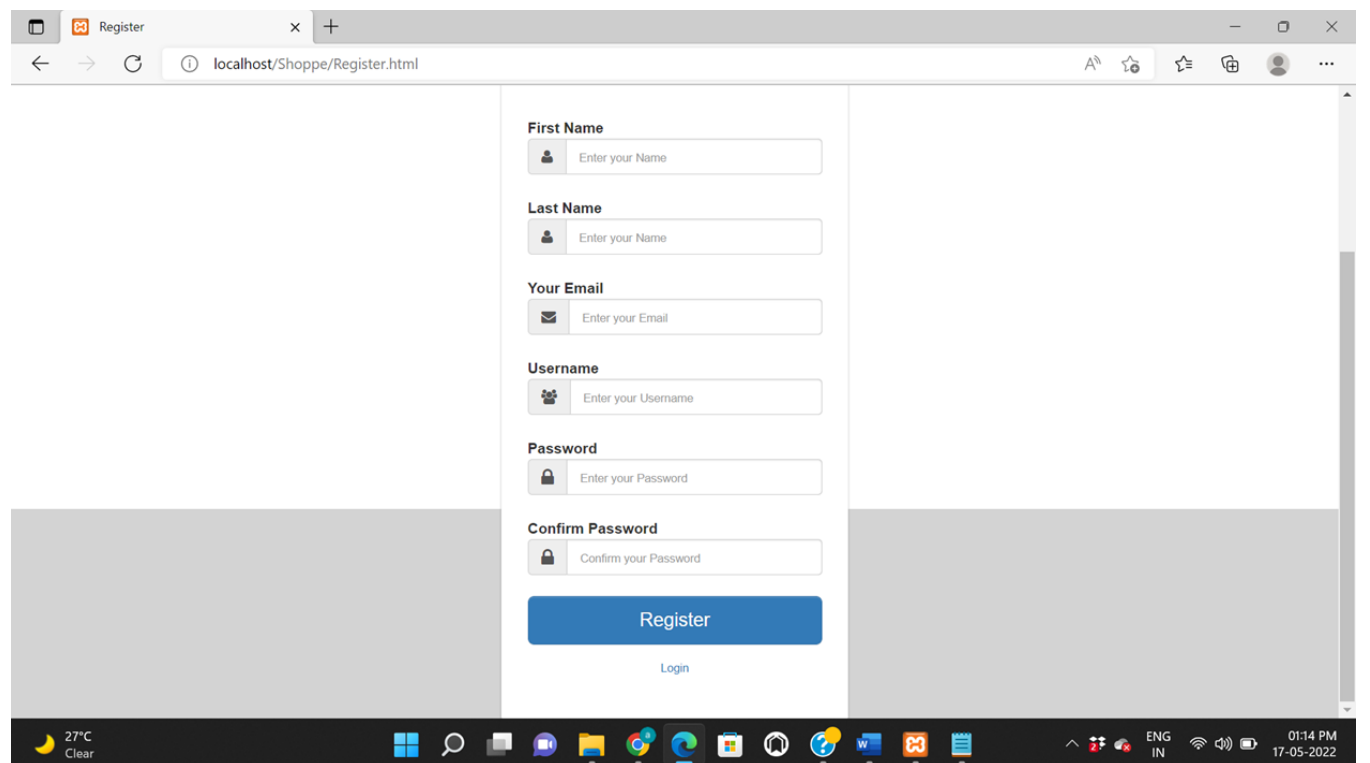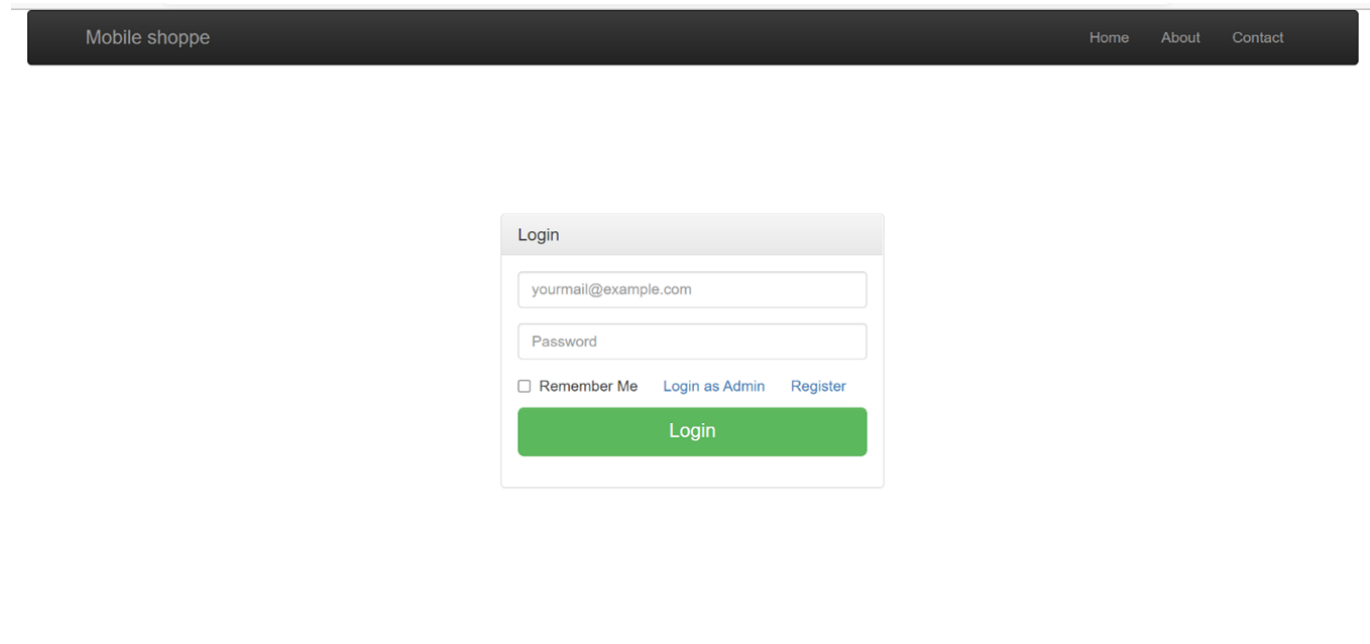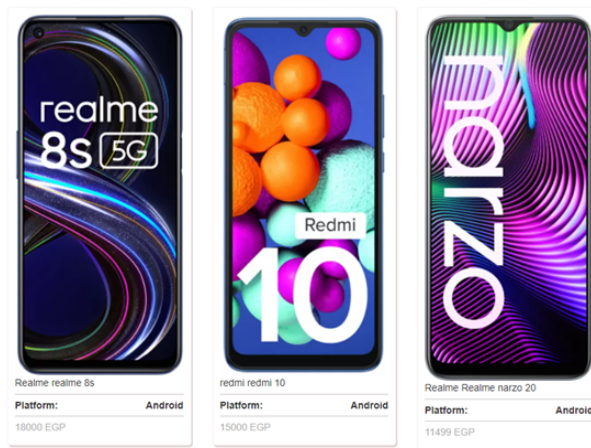|	
brand_id	
brand_name	(U)
image	
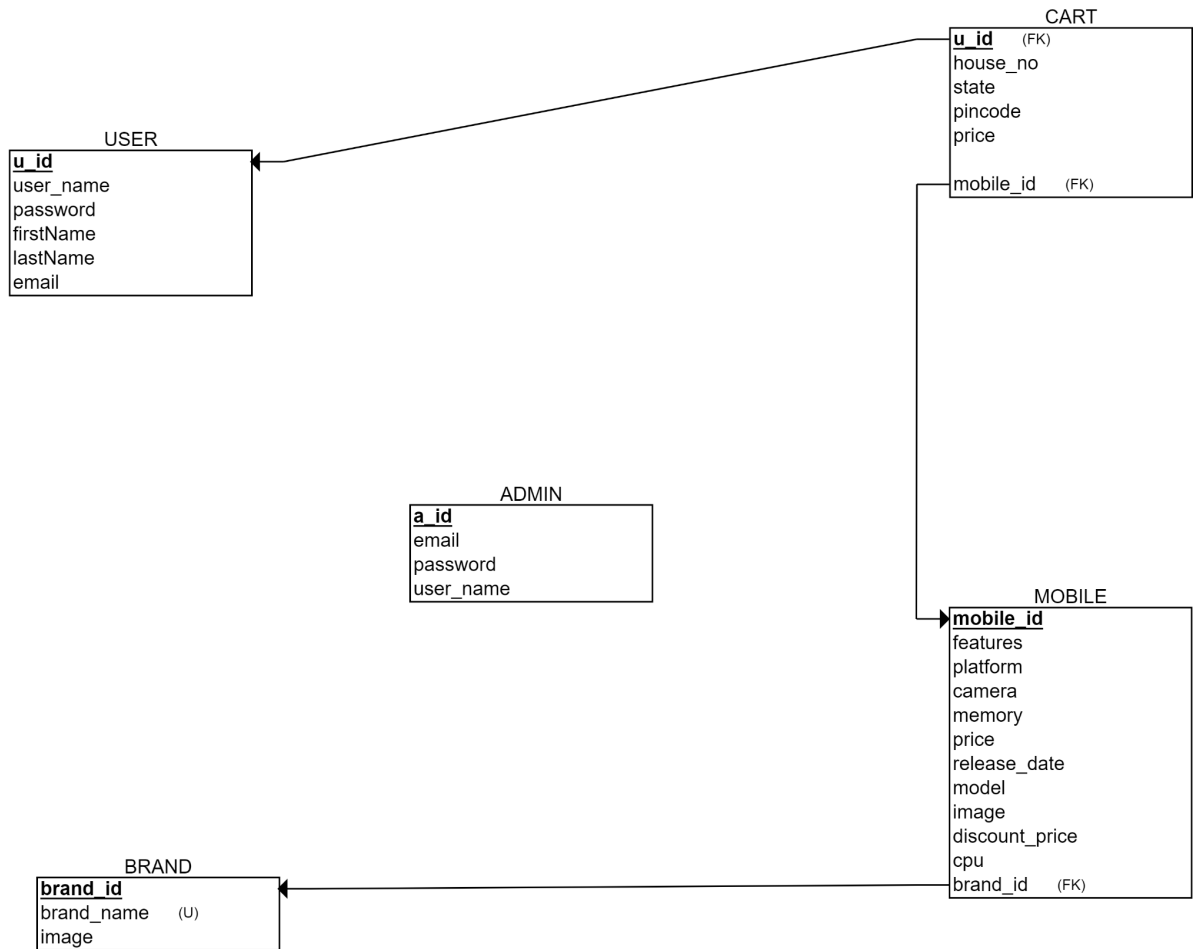
Flow Chart
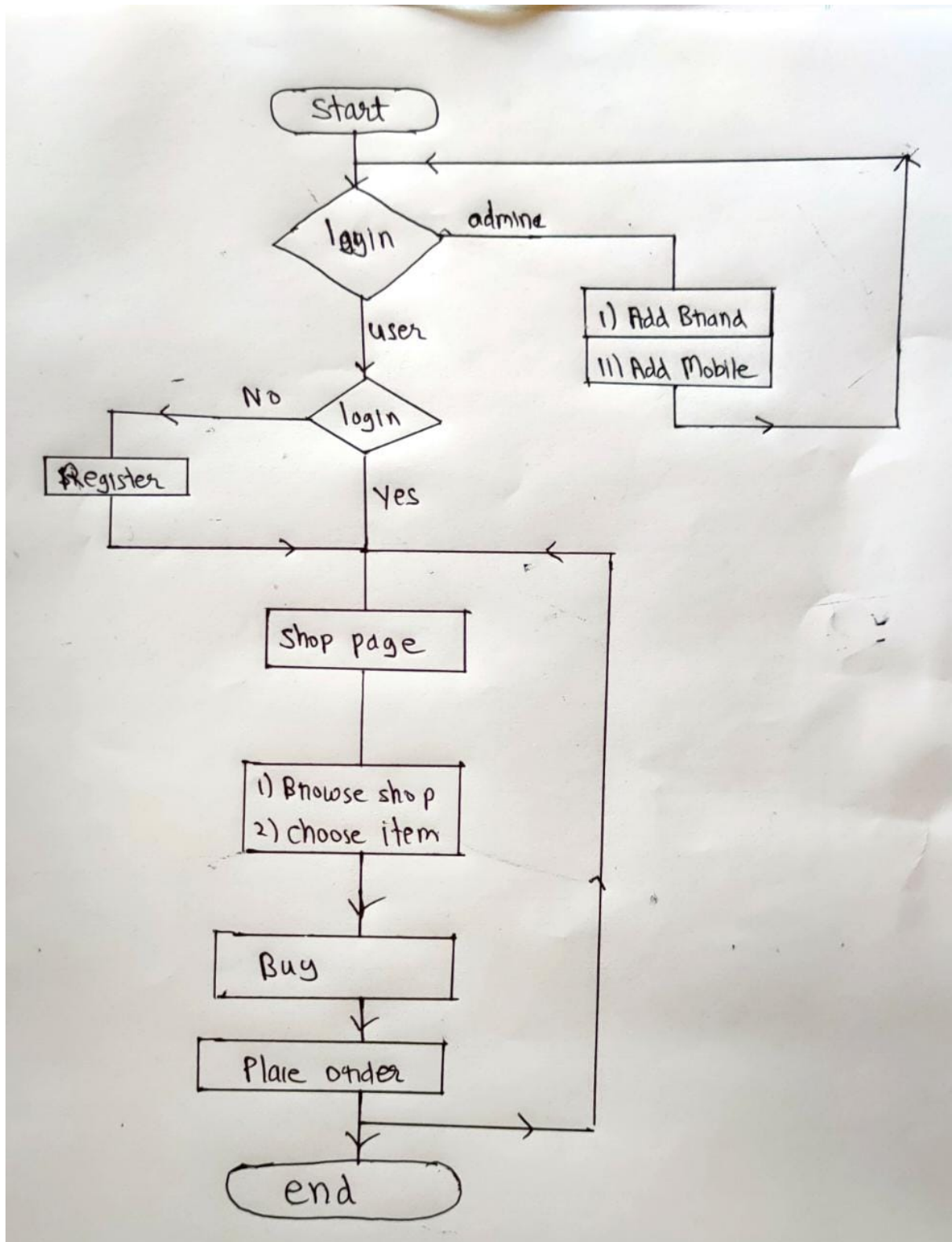
SCREEN SHOT

Project Code

```php
?php
require_once('User.php');
require_once('Mobile.php');
require_once('Admin.php');
require_once('Brand.php');
class Database{
private $db_host;
private $db_user;
private $db_pass;
private $db_name;
function __construct(){
//init
$this->db_host = 'localhost';
$this->db_user = 'root';
$this->db_pass = '';
$this->db_name = 'mobileshop';
}
function loginAsUser($email,$password){
$conn                                                  =
mysqli_connect($this->db_host,$this->db_user,$this->db_pass,$this->db_name);
if (mysqli_connect_errno()){
return "error" ;
}
```

```php
$sql = "SELECT * FROM `user` WHERE email='$email' AND
password='$password'";
$result = $conn->query($sql);
if($result->num_rows > 0){
while($row = $result->fetch_assoc()){
$ID = $row["id"];
$conn->close();
return $ID;
}
}else{
$conn->close();
return "invalid";
}
}
function loginAsAdmin($email,$password){
$conn                                              =
mysqli_connect($this->db_host,$this->db_user,$this->db_pass,$this-
>db_name);
if (mysqli_connect_errno()){
return "error" ;
}
```

Complete Project Code

Future Scope

In a nutshell, it can be summarised that the future scope of the project circles around maintaining information regarding

•We can give more advance software for Online Mobile Store including more We will host the platform on online   servers   to make it accessible worldwide
• Integrate multiple load balancers to distribute the loads of the system
•Create the master and slave database structure to reduce the overload of the database queries
• Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers

           The above mentioned points are the enhancements which can be done to increase the applicability and usage of this project.

Conclusion

This is my first attempt in developing a Mobile web which gave me a basic understanding of development and challenges of mobile web development. The main aim of the project is to provide an easy to shopping in market. This will allow customer to place order without even visiting the shop.
Being able to buy any time, any place, any where.
Online shopping become more enjoyable and easier than real world shopping. The web has been implemented and tested on real devices

References

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•
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•http://www.JSP.net
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PROFILE OF THE PROBLEM

One must know what the problem is before it can be solved. The basis for the online shopping portal is to buy products online and save the timing.

A Online shopping portal, who want to buy any product of their need, has to contact different Shoppers, before deciding upon a particular Product that best suit his needs, requirements and satisfaction. Moreover, most of the work involved in this development process has to be done manually which is very time consuming and cumbersome and also, it reduces the efficiency, accuracy.

To know the facts and understanding of the problem in detail, System Analysis is carried out. It is the process of studying the business processes and procedures, generally referred to as business systems, to see how they can operate and whether improvement is needed.