

BCA 0616

**Jolx**

A PROJECT REPORT SUBMITTED TO GOA UNIVERSITY  
IN PARTIAL FULFILLMENT OF THE REQUIREMENT  
FOR THE DEGREE OF BCA

BY

**Mast. Kazi Jailanisab Abdul Rehman**

**Mast. K. Anish**

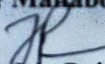
**Mast. Gawda Anand Kuppanna**

**Mast. Madkaikar Aniket Rajkumar**

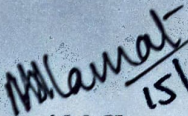
**Mast. Jamadar Mahaboob Toufiq**

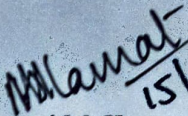
  
R. JebaRaj

Internal Guide

  
R. JebaRaj

Project Coordinator

  
Dr. Manasvi M. Kamat

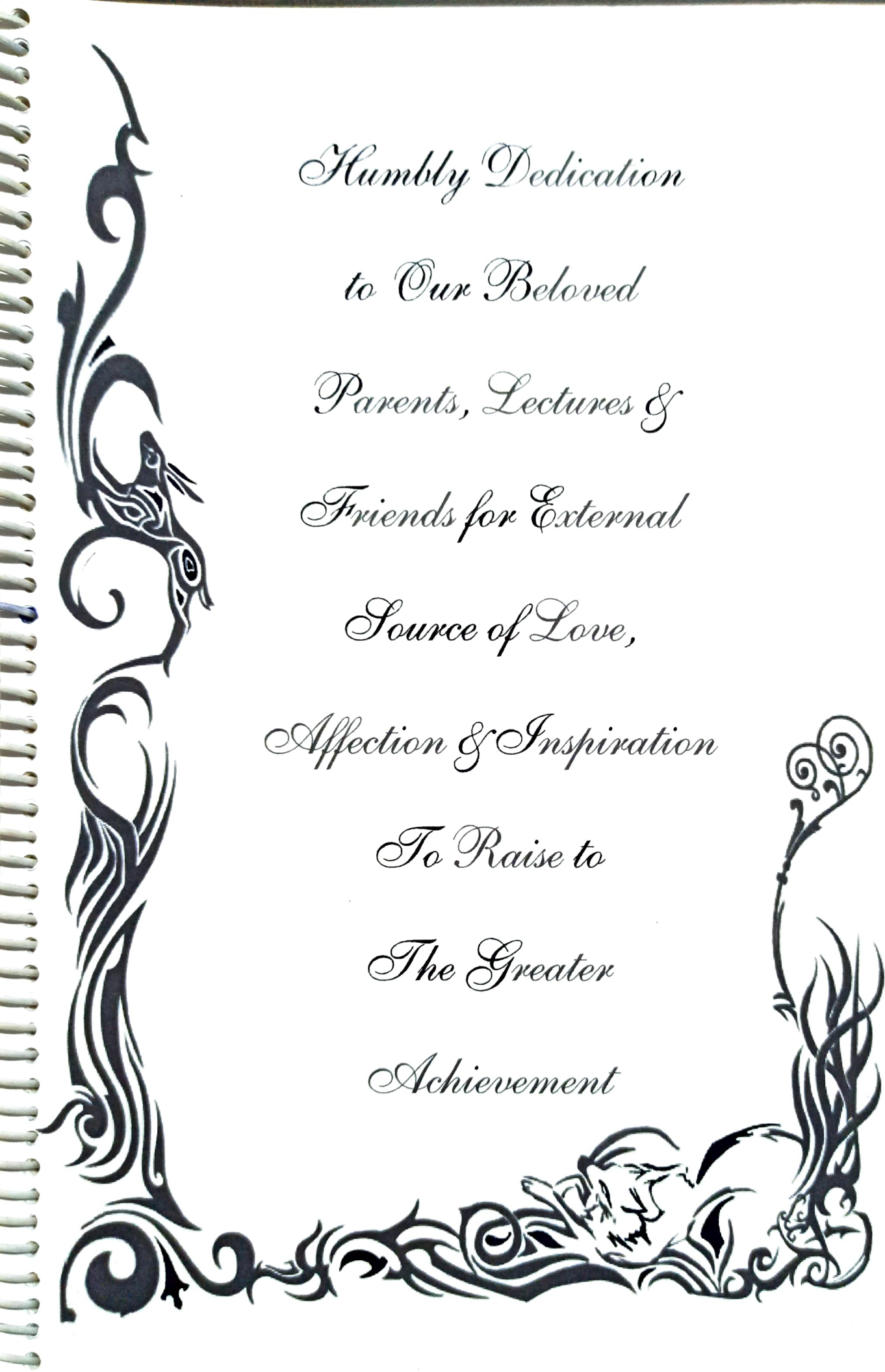
  
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**Goa Multi - Faculty College**

**2016-2017**




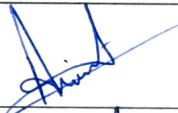



*Humbly Dedication  
to Our Beloved  
Parents, Lectures &  
Friends for External  
Source of Love,  
Affection & Inspiration  
To Raise to  
The Greater  
Achievement*



## DECLARATION BY CANDIDATES

We declare that this project report has been prepared by us and to the best of our knowledge, it has not previously formed the basis for the award of any diploma or degree by this or any other University.

Roll No	Name	Signature
4313	<b>Mast. Kazi Jailanisab Abdul Rehman</b>	
4312	<b>Mast. K. Anish</b>	
4309	<b>Mast. Gawda Anand Kuppanna</b>	
4318	<b>Mast. Madkaikar Aniket Rajkumar</b>	
4310	<b>Mast. Jamadar Mahaboob Toufiq</b>	



Shree Sateri Pissani Education Society's  
Shri. Gopal Gaonkar Memorial  
**Goa Multi - Faculty College**  
Dharbandora - Goa  
Affiliated to Goa University

### CERTIFICATE

This is to certify that a project on **Jolx** has been successfully completed by **Mast. Kazi Jailanisab Abdul Rehman, Mast. K. Anish, Mast. Gawda Anand Kuppanna, Mast. Madkaikar Aniket Rajkumar & Mast. Jamadar Mahaboob Toufiq** studying in T.Y.B.C.A during the academic year 2016-2017. The project has been carried out under the supervision of the internal guide.

R. JebaRaj

Internal Guide

External Examiner

  
15/03/17

Dr. Manasvi M. Kamat

Principal

Shri. Gopal Gaonkar Memorial  
GOA MULTI FACULTY COLLEGE

R. JebaRaj

Project Coordinator

Place: Dharrandora

Date: 10/3/2017





## ACKNOWLEDGEMENT

The sense of total achievement that accompanies the successful completion of any task, like this project would be incomplete without the expression of words of simple gratitude to the people who made it possible, because success is the culmination of hard work, cogency for fulfilling the mission. So with reverence and honor, we acknowledge all those people for making successful in winding up the project.

The project would not have been taken shape and progress in a uniform, disciplined manner but for the steering of our guide Asst. Prof. in Computer Application **Mr. R. JEBARAJ**, he constantly guided and helped us to design and reshape our project to meet all the requirements. His technical acumen and advice helped us to solve our myriad problems.

We avail this opportunity to express deep sense of gratitude and sincere thanks to Asst. Prof. in Computer application **Mr. R. JEBARAJ**, who was always tremendous source of inspiration and provided invaluable help in channel using our efforts in the right direction.

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## INTRODUCTION TO THE SYSTEM

The project “**Jolx**” which lets you to post an ads for free if you want to buy or sell products. Suppose if you have a car and want to sell it with your desired price. Just register through our website & sell your car after filling appropriate details & in a minutes or hours you may start receiving buyer’s requests. Our project is simple and easy to use. It provides easy access to all incorporated functions. All the details of customers who registered on our website are maintained by the administrator. The administrator can add as many categories & states of India. The administrator can delete the product of the customer if the customer instead of uploading picture of a product uploads any nonsense picture or something which is not related to the product category & in the same way he can also delete the customer A/c.

## **EXISTING SYSTEM**

In the existing system we were manually searching for the products in the Shops etc. The sellers, who want to sell products manually were telling & conveying each & every person who wants to buy products. If we want to buy a car we were mostly contacting the agent who was told by the owner to look for a buyer. We were getting information of the seller after meeting them.

## **LIMITATIONS OF EXISTING SYSTEM**

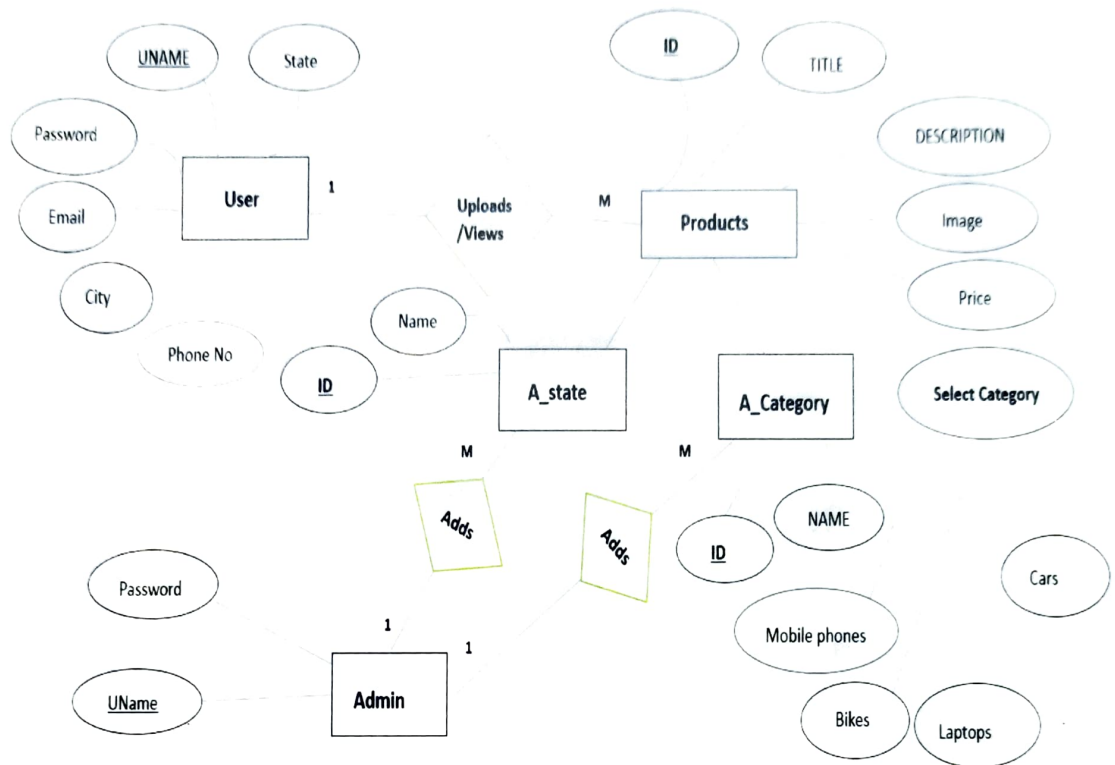
- Time consuming.
- Less number of choices who wanted to buy products.
- The seller had to ask each & every person who wants to buy products.
- Suppose he/she wants to buy a car, first they had to meet the agents who were told by the owner of a car to search for a buyer. In this way you are not directly contacting the owner mostly in the existing system.
- The buyer has to search for a particular product in the shops etc. & that is time consuming work.
- Lack of proper communication at first time when seller & buyer meet.
- Less number of satisfaction between buyer & seller.
- The buyer don't know the seller information at first time when they meet.



## FEATURES OF PROPOSED SYSTEM

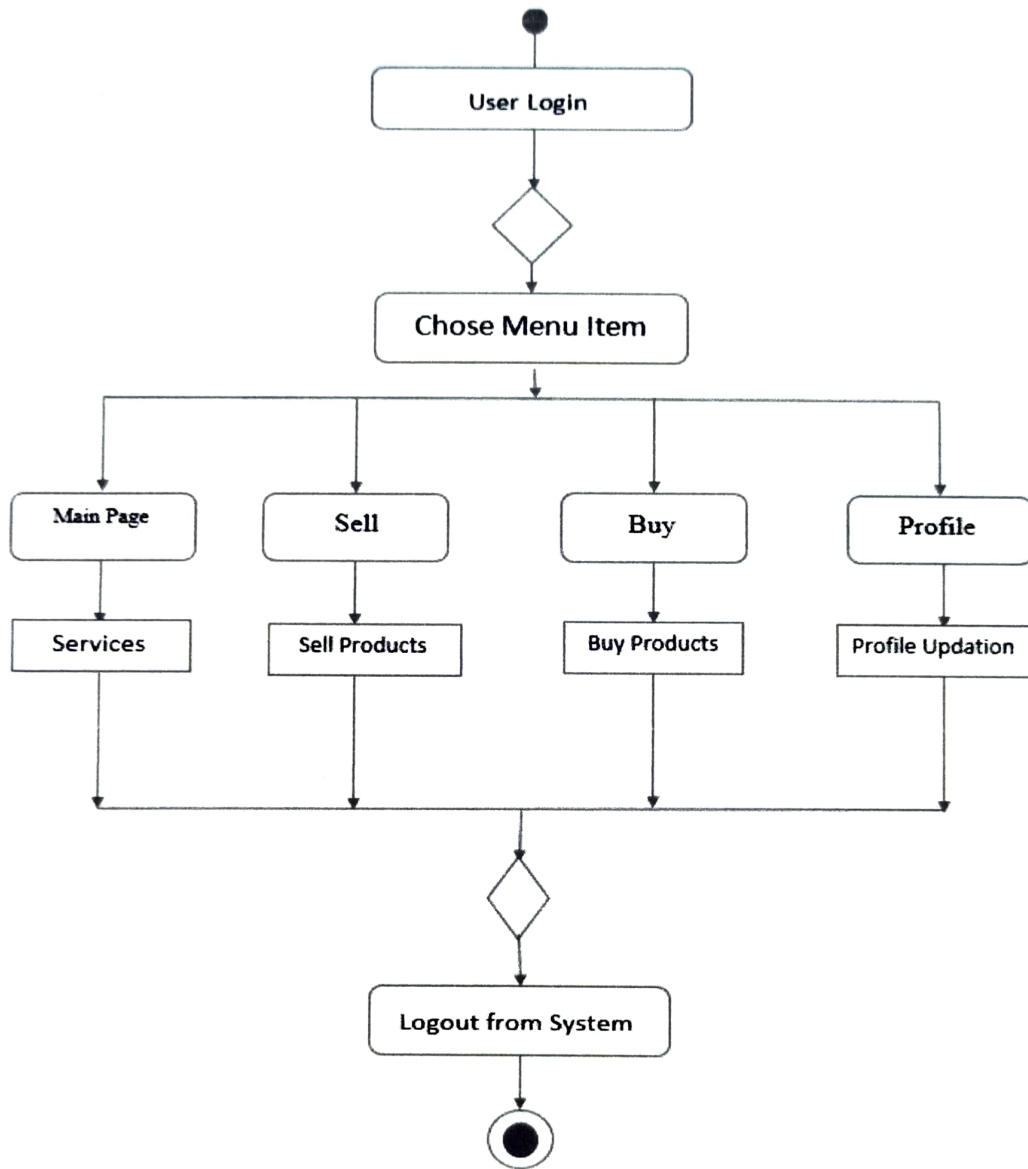
- Allows seller to sell product for free.
- Saves energy and time in searching the products.
- Maximum number of satisfaction as the seller can set his/her own price of the product & the buyer can buy the product according to his/her budget.
- The buyer can meet directly to the owner of a product.
- At first time the buyer gets information of seller in this way it increases the communication between them.
- Maximum number of choices for the buyer.
- The seller has to just post an ad for free & in the minutes or hours the buyer will contact him/her directly.
- No need of agents while selling cars to look for a buyer. You can sell your car with your own price for free & get as many buyers as you can. No need to give any commission (Money) to the agents for searching the buyer.

# ENTITY-RELATIONSHIP DIAGRAM





# ACTIVITY DIAGRAM



# USE CASE DIAGRAM



## **BACKEND SOFTWARE TOOLS**

- Processor: Any Processor above 1GHz
- System : Pentium IV
- RAM: 2 GB or above
- Hard disk space: 2 GB
- Database: MYSQL



# FRONTEND SOFTWARE TOOLS

- Operating System: Windows, Mac, Linux etc.
- Web browsers: Internet explorer, Mozilla Firefox, Google chrome, Opera etc.
- Language: PHP
- Web Designing Tools: CSS, JAVASCRIPT & HTML

## MIDDLEWARE AND AUXILIARY TOOLS USED

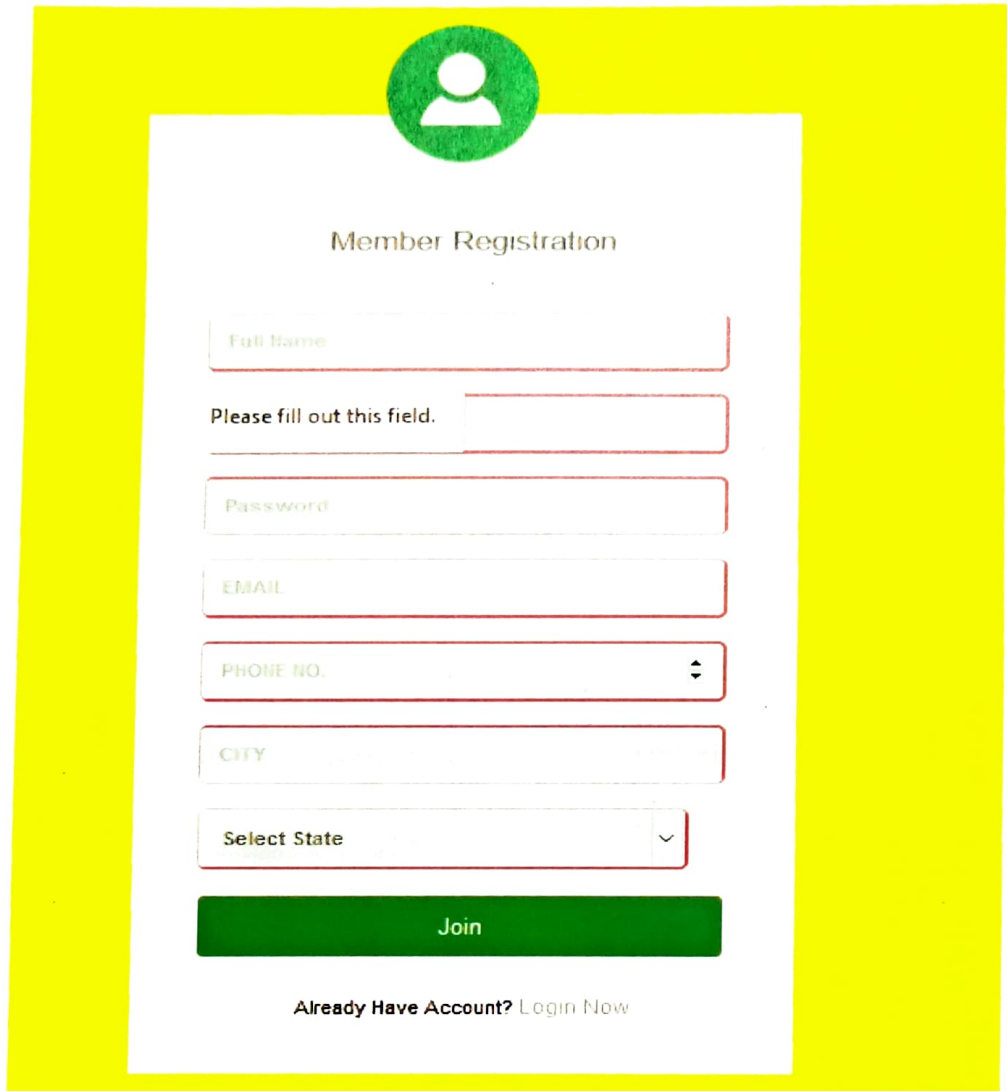
- XAMPP Server
- Web Designing Tools used are: HTML, CSS & JAVASCRIPT

# VALIDATION TEST REPORT

No.	Input Details	Expected Output	Actual Output	Test Case Result
1	Enter only characters in the name field	It Will be accept	Accepted	Pass
2	Enter characters and number in the name field	It will not be accepted	Not Accepted	Pass
3	Enter password (combination of all keywords)	It will be accept	Accepted	Pass
4	Enter characters, number and special symbols in the home or office address field	It Will be accept	Accepted	Pass
9	Click on the save button	It will save all the field data	Saved	Pass
10	Enter email id & password	Display Service Page	Displayed "Successful message"	Pass
11	Click on the Sell Products tab	Status Posted	Displayed "Successful message"	Pass
12	Click on the logout tab	Display home page	Displayed home page	Pass



- Sign Up form



The image shows a 'Member Registration' form on a yellow background. At the top center is a green circular icon with a white person silhouette. Below it, the title 'Member Registration' is centered. The form consists of several input fields: 'Full Name', a field with the error message 'Please fill out this field.', 'Password', 'EMAIL', 'PHONE NO.' with a dropdown arrow, 'CITY', and 'Select State' with a dropdown arrow. A green 'Join' button is at the bottom of the form. Below the button, the text 'Already Have Account? Login Now' is displayed.

Member Registration

Full Name

Please fill out this field.

Password

EMAIL

PHONE NO. ▾

CITY

Select State ▾

Join

Already Have Account? [Login Now](#)



## Member Registration

Anand Gawda

USERNAME

Please fill out this field.

EMAIL

PHONE NO.

CITY

Select State

Join

Already Have Account? [Login Now](#)



## Member Registration

Anand Gawda

anand

Password

Please fill out this field.

PHONE NO.

CITY

Select State

Join

Already Have Account? [Login Now](#)





## Member Registration

Anand Gawda

anand

\*\*\*\*\*

EMAIL

Please fill out this field.

CITY

Select State

Join

Already Have Account? [Login Now](#)



## Member Registration

Anand Gawda

anand

\*\*\*\*\*

anandgawda@gmail.com

PHONE NO.

Please enter a number.

Select State

Join

Already Have Account? [Login Now](#)



## Member Registration

Anand Gawda

anand

\*\*\*\*\*

anandgauda@gmail.com

987654321



CITY

Please fill out this field.



Join

Already Have Account? [Login Now](#)





## Member Registration

Anand Gawda

anand

\*\*\*\*\*

anandgauda@gmail.com

987654321



Ponda

Select State

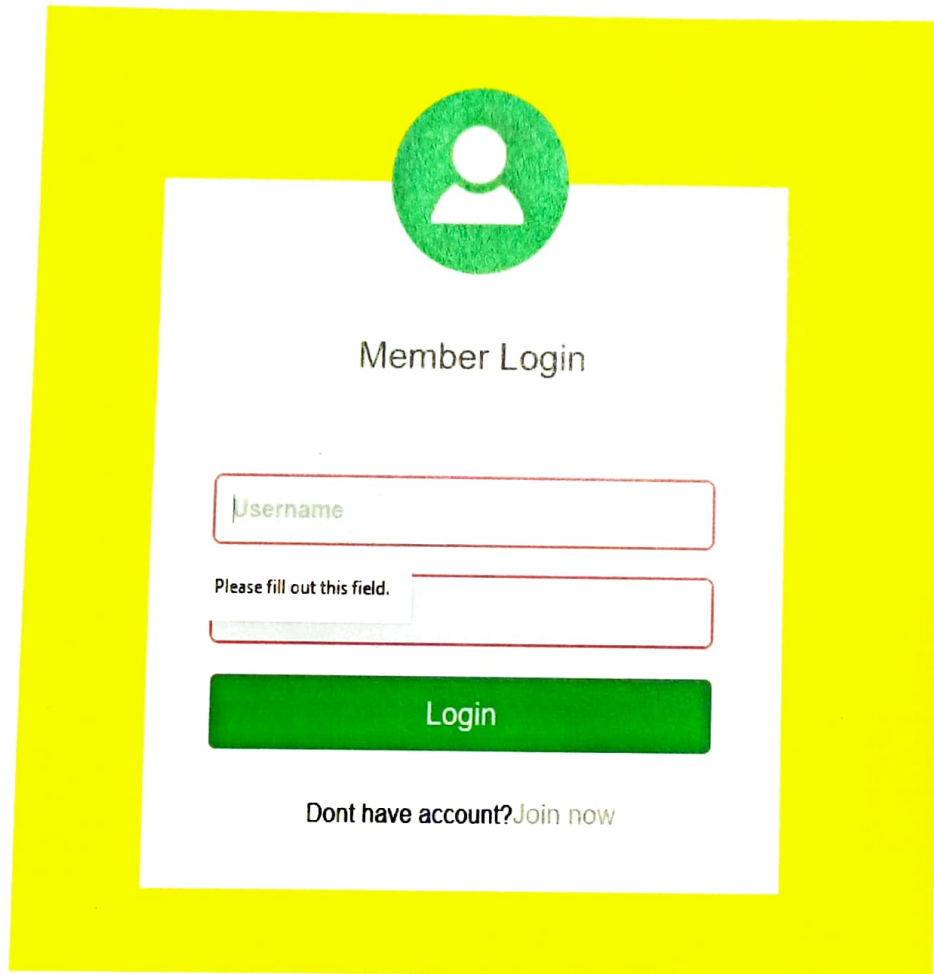


Please select an item in the list.



Already Have Account? [Login Now](#)

- Login form



A login form titled "Member Login" is displayed on a yellow background. At the top center is a green circular icon containing a white silhouette of a person. Below the icon, the text "Member Login" is centered. The form consists of two input fields: the first is labeled "Username" and the second is labeled "Please fill out this field." Below the input fields is a green button with the text "Login". At the bottom of the form, the text "Dont have account?Join now" is centered.



## Member Login

anand

Please fill out this field.

Dont have account? [Join now](#)

- Sell product form

## Jolx Sell Anything Marketplace!

Upload Product

Product Title

Product Description

Product Price in INR

Select Category

Choose File No file chosen


List Product

## Anything Marketplace!

### Upload Product

Samsung Galaxy J7

Product Description

 Please fill out this field.

Product Price in INR

Select Category

Choose File No file chosen

List Product




# Sell Anything Marketplace!

## Upload Product

Samsung Galaxy J7

i want to sell my samsung galaxy J7, under warranty,all accessories are available.

Product Price: 100000

 Please fill out this field.

Select Category

Choose File No file chosen

List Product

# Jolx Sell Anything Marketplace


Upload Product

Samsung Galaxy J7

I want to sell my samsung galaxy J7, under warranty,all accessories are available.

8990

Select Category

 Please select an item in the list.

Choose File No file chosen

List Product

# Jolx Sell Anything Marketplace!

Upload Product


Samsung Galaxy J7

i want to sell my samsung galaxy J7, under warranty,all accessories are available.

8990

Mobile Phones

Choose File No file chosen

 Please select a file.

List Product

# SYSTEM INTEGRATION TEST REPORT

- System Integration Testing (SIT) is a black box testing technique that evaluates the system's compliance against specified requirements. System Integration Testing is usually performed on subset of system while system testing is performed on a complete system and is preceded by the user acceptance test (UAT).The SIT can be performed with minimum usage of testing tools, verified for the interactions exchanged and the behavior of each data field within individual layer is investigated.
- All the modules are combined & full system is been tested with some sample data to meet the requirements of the Project. Entire System has been tested & working successfully.

## SCREEN SHOTS



Following Are our Latest Products



Excellent conditioned desktop.

INR 10000



Samsung 49 inch LED TV 7350 mo

INR 110000



6 yr old Samsung CRT TV

INR 6000



2 yr od HP 430 laptop, 14 inch

INR 8990



Fully furnished 2bhk for rent


INR 10000



Green, white, beige Downlight La

INR 1000

- **Sign Up Form**



Member Registration

Full Name

USERNAME

Password

EMAIL

PHONE NO.

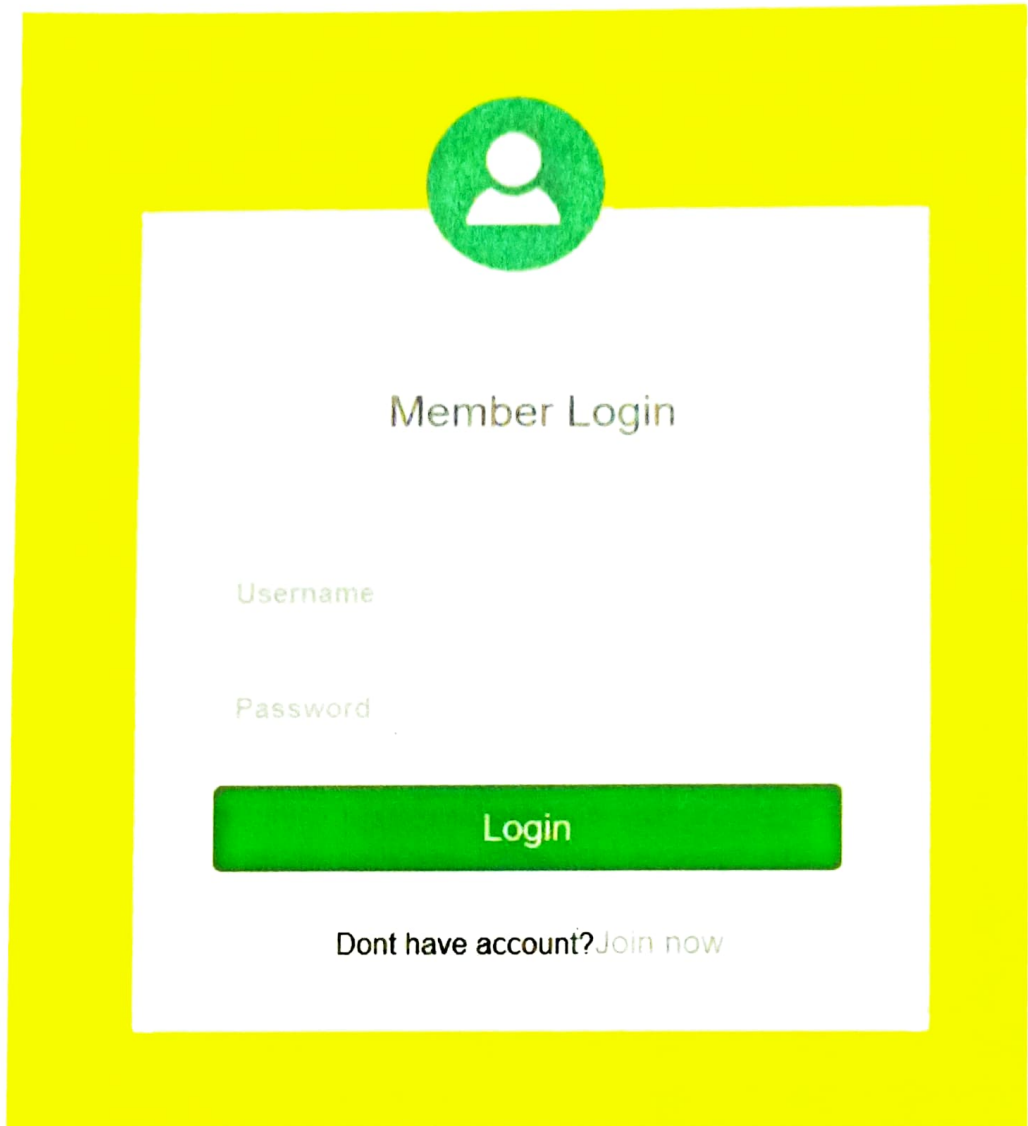
CITY

Select State

Already Have Account? [Login Now](#)



- **Login Form**



Member Login

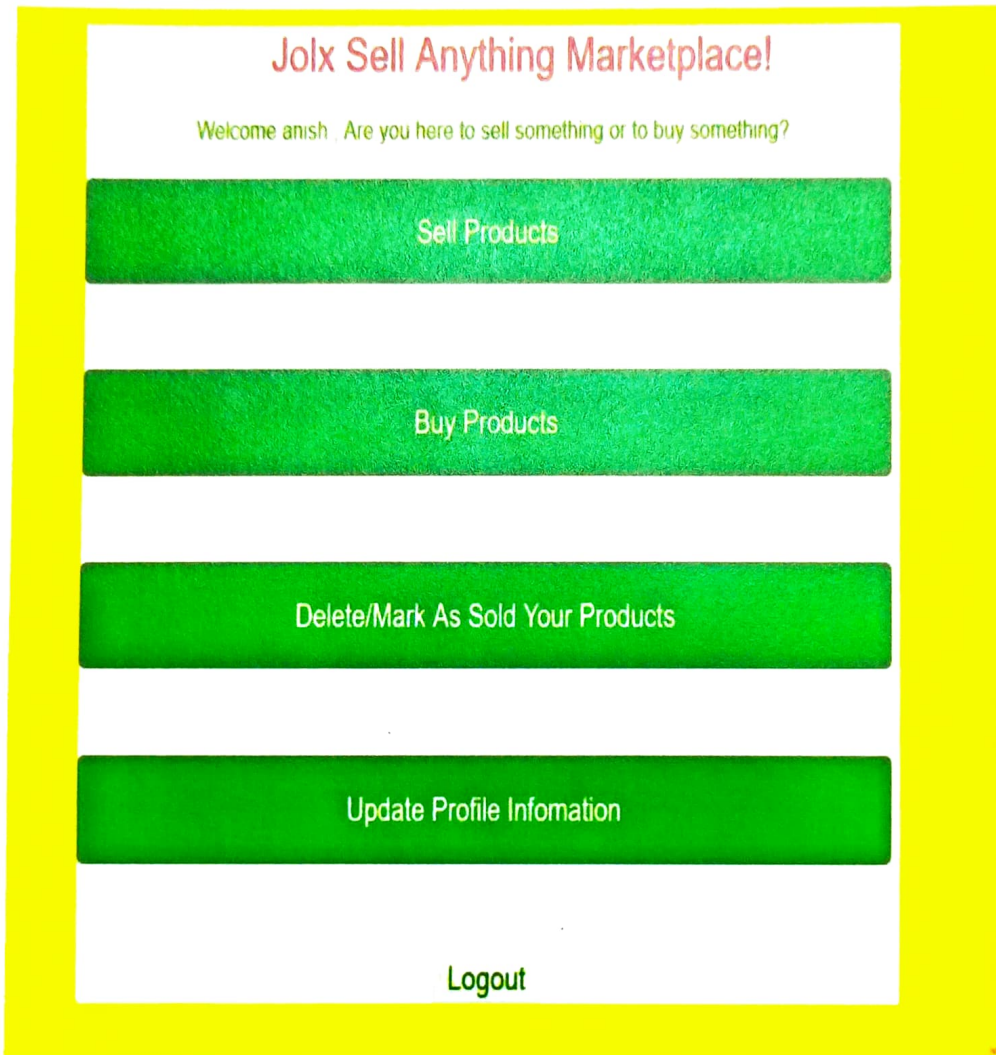
Username

Password

Login

Dont have account? [Join now](#)

- **Index Page**



- **Sell Product Form**

**Jolx Sell Anything Marketplace!**

Upload Product

Product Title

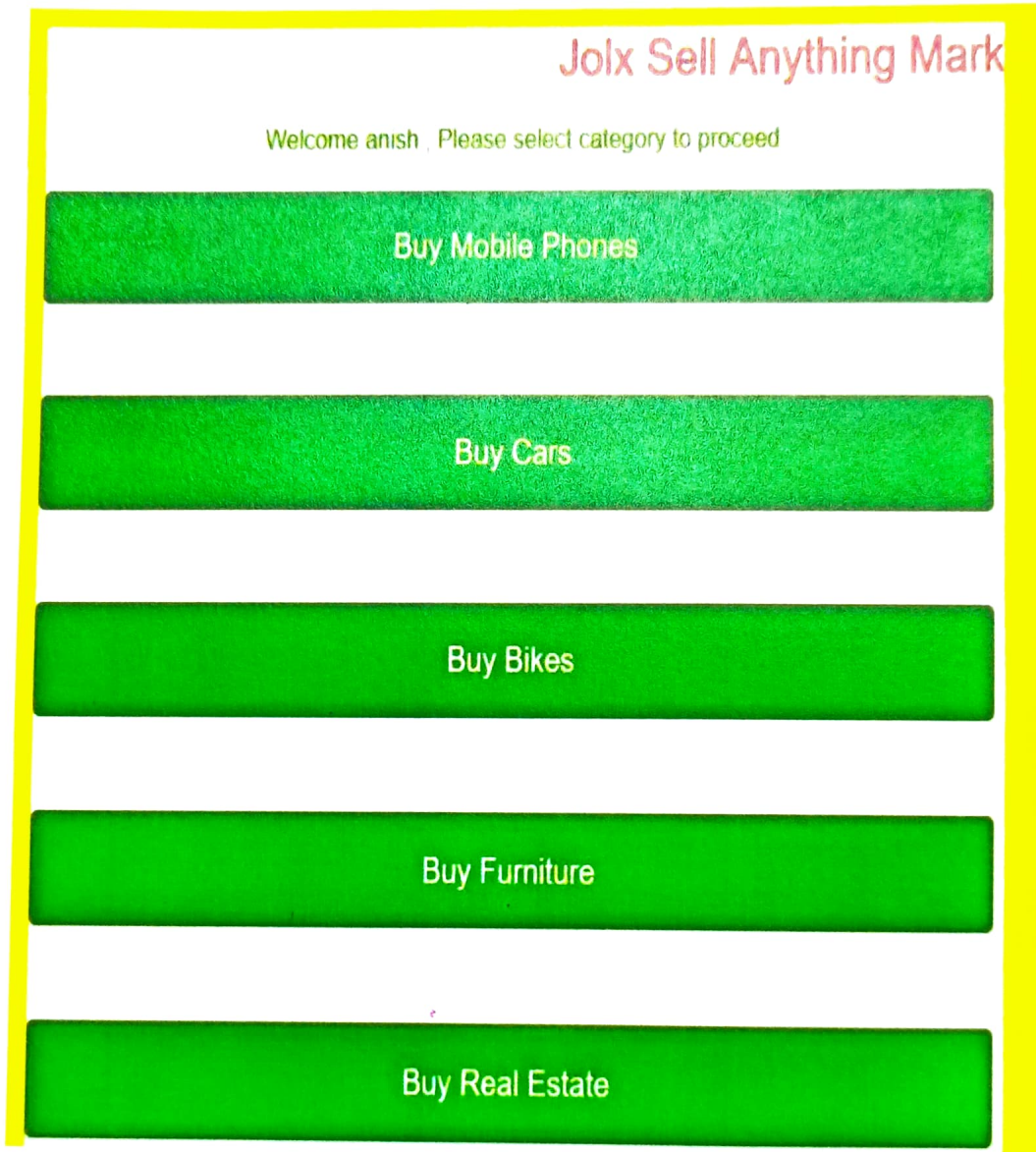
Product Description

Product Price in INR

Select Category

No file selected.

- **Category Page**




## • List Items Page

Jolx Sell Anything Marketplace!				
Welcome anish Following are the items listed in your selected category!				
<a href="#">Home</a>   <a href="#">Back to Categories</a>				
IMAGE	TITLE	DESCRIPTION	PRICE	VIEW
	lphone 6 64gb for sale working	lphone 6 64gb for sale working perfectly fine with bill box and under-warranty and insurance only interested buyers will be entertained	32000	VIEW
	Sony xpena c3 in a good condi	Product Has Been Sold Out	7000	VIEW





## • View Product Page

Join Sell Anything Marketplace!	
Watch or email Contact Seller Directly to buy products & make payment	
<a href="#">Home</a>   <a href="#">Back to Categories</a>	
IMAGE	
	
SELLER NAME: anish	
TITLE: iPhone 6 64gb for sale working	
DESCRIPTION: iPhone 6 64gb for sale working perfectly fine with bill box and under-warranty and insurance only interested buyers will be entertained.	
PRICE: 32000	
SELLER PHONE NO: 987654321	
CITY: Ponda	
STATE: Goa	

## • Delete Or Mark As Sold Product Page

**Join Sell Anything Marketplace!**

Welcome - Click On Delete to remove the product from database

Back To Home

IMAGE	TITLE	DESCRIPTION	PRICE	Mark As Sold	DELETE
	2014 KTM 390 Duke ABS 17500 Km	I want to sell my KTM 390 Duke 2014 ABS 17500 Kms	170000	SOLD!	DELETE
	iphone 6 64gb for sale working	iphone 6 64gb for sale working perfectly fine with bill box and under-warranty and insurance only interested buyers will be entertained	32000	SOLD!	DELETE
	2005 Toyota Innova diesel 38000	2005 Toyota Innova diesel 380000 Kms the vehicle will b sold as it is	290000	SOLD!	DELETE

- **Update Profile Information Page**

**Jolx Sell Anything Marketplace!**

Update Profile Information

Name  
anish

Phone No  
2147483647 :

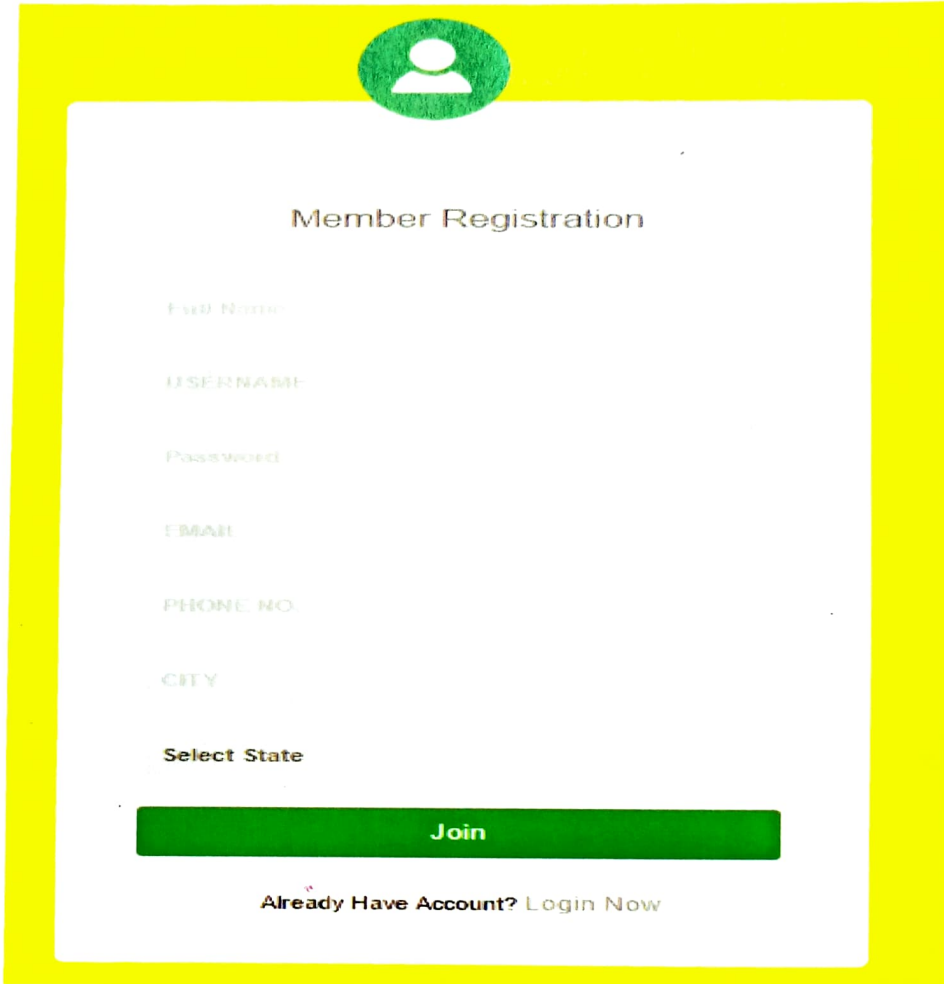
Email :  
kanish404@gmail.com

**Update!**

[Back!](#)

## SAMPLE CODE

- Sign up form



The image shows a 'Member Registration' form with a yellow border and a green user icon at the top. The form contains several input fields and a 'Join' button.

Member Registration

Full Name

USERNAME

Password

EMAIL

PHONE NO.

CITY

Select State

[Join](#)

[Already Have Account? Login Now](#)



## ➤ Code for Sign Up Form

```
• <?php
include("dbconfig.php");
$strSQL2= mysqli_query($db,"select * from astate ");
$error="";
if($_SERVER["REQUEST_METHOD"] == "POST") {
$name=$_POST['Name'];
$sname=$_POST['Uname'];
$pwd=$_POST['Pass'];
$email=$_POST['Email'];
$phone=$_POST['Phone'];
$city=$_POST['City'];
$state=$_POST['state'];

$data = mysqli_query($db,"insert into
login(NAME,UNAME,PASS,EMAIL,PHONE,CITY,STATE) values
('$name','$sname','$pwd','$email','$phone','$city','$state')");

if($data)
{
$error="Account Created Successfully!";
}
else
{
$error = "problem with database please try again later";
}
}
?>
```

```
<!DOCTYPE html>
<html>
<head>
<title>Jolx Sell anything Marketplace! Register</title>
<meta charset="utf-8">
<link href="css/style.css" rel='stylesheet' type='text/css' />
<meta name="viewport" content="width=device-width, initial-scale=1">
<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
<!--webfonts-->
<!--//webfonts-->
</head>
<body>
<!--start-main-->
<div class="main">
<div class="login-form">
<h1>Member Registration</h1><br>
<p style="color:red"><?php echo $error ?></p>
<div class="head"><br><br>

</div>
```

```

<form method="post">

<input type="text" class="text" placeholder="Full Name" id="Name" name="Name"
maxlength="30" required>

<input type="text" class="text" placeholder="USERNAME" id="Uname"
name="Uname" maxlength="30" required>

<input type="password" placeholder="Password" id="Pass" name="Pass"
maxlength="10" required>

<input type="email" class="text" placeholder="EMAIL" id="Email" name="Email"
maxlength="30"required>


<input type="number" maxlength="10" minlength="10" class="text"
placeholder="PHONE NO." id="Phone" name="Phone" required>

<input type="text" class="text" placeholder="CITY" id="City" name="City"
maxlength="30" required>

<select id="state" name="state" required>
<option value="" disabled selected>Select State</option>
<?php while ($rows = mysqli_fetch_array($strSQL2,MYSQLI_ASSOC)):
?>
<option value="<?php echo $rows["Name"] ?>"><?php echo $rows["Name"] ?>
</option>
<?php endwhile; ?>
</select>
<div class="submit">
<input type="submit" value="Join" id="submit" name="submit" >
<p>Already Have Account?<font size="4"> <a href="index.php"> Login
Now</a></font></p>
</div>
</form>
</div>
</div> </body></html>

```

## Login Form:



Member Login

Username

Password

Login

Don't have account? [Join now](#)

## ➤ Code for Login Form

```
<? php

include("dbconfig.php");

session_start();

$error="";

if($_SERVER["REQUEST_METHOD"] == "POST") {

    $userid = $_POST['Uname'];

    $pwd = $_POST['Pass'];

    $sql = "select * from login where UNAME='$userid' and PASS='$pwd'";

    $result = mysqli_query($db,$sql);

    $row = mysqli_fetch_array($result,MYSQLI_ASSOC);

    $count = mysqli_num_rows($result);

    if($count == 1) {

        $_SESSION['login_user'] = $userid;

        header("location: main.php");

    } else

    {

        $error = "Your Login Name or Password is Invalid";

    }

}

?>
```

```
<!DOCTYPE html>

<html>

<head>

<title>Jolx Sell Anything Marketplace</title>

<meta charset="utf-8">

<link href="css/style.css" rel='stylesheet' type='text/css' />

<meta name="viewport" content="width=device-width, initial-scale=1">

<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1);
}
</script>

</head>

<body>

<!--start-main-->

<div class="main">

<div class="login-form">

<h1>Member Login</h1><br><br>

<p style="color:red"><?php echo $error ?></p>

<div class="head">



</div>
```



```
<form method="post">
```

```
<input type="text" class="text" placeholder="Username" id="Uname" name="Uname"
maxlength="30" required>
```

```
<input type="password" placeholder="Password" id="Pass" name="Pass" maxlength="10"
required>
```

```
<div class="submit">
```

```
<input type="submit" name="submit" id="submit" value="Login" >
```

```
</div>
```

```
<p>Dont have account?<font size="4"><a href="Reg.php">Join now</a></font></p>
```

```
</form>
```

```
</div>
```

```
</div> </body></html>
```

# DATABASE DESIGN

## Database Tables for Jolx

Designing is an important phase in the software development process. Primarily we have to design and for that, we have to know the requirements of the system that is to be developed. When we are aware of requirements we can design the database in an efficient manner.

Table Description:

### 1. Table name: **login**

#	Name	Type	Collation	Attributes	Null	Default	Extra
1	<b>NAME</b>	varchar(20)			No	<i>None</i>	
2	<b><u>UNAME</u></b>	varchar(20)			No	<i>None</i>	
3	<b>PASS</b>	varchar(10)			No	<i>None</i>	
4	<b>EMAIL</b>	varchar(30)			No	<i>None</i>	
5	<b>PHONE</b>	varchar(10)			No	<i>None</i>	
6	<b>CITY</b>	varchar(30)			No	<i>None</i>	
7	<b>STATE</b>	varchar(30)			No	<i>None</i>	

### 2. Table name: **Products**

#	Name	Type	Collation	Attributes	Null	Default	Extra
1	<b><u>ID</u></b>	int(10)			No	<i>None</i>	AUTO_INCREMENT
2	<b>title</b>	varchar(30)			No	<i>None</i>	
3	<b>DES</b>	varchar(250)			No	<i>None</i>	
4	<b>EMAIL</b>	varchar(30)			No	<i>None</i>	
5	<b>price</b>	varchar(25)			No	<i>None</i>	
6	<b>cate</b>	varchar(50)			No	<i>None</i>	
7	<b>SNAME</b>	varchar(30)			No	<i>None</i>	
8	<b>PHONE</b>	varchar(10)			No	<i>None</i>	
9	<b>CITY</b>	varchar(30)			No	<i>None</i>	
10	<b>PIC</b>	varchar(50)			No	<i>None</i>	
11	<b>UNAME</b>	varchar(30)			No	<i>None</i>	
12	<b>STATE</b>	varchar(30)			No	<i>None</i>	

3. Table name: Category

#	Name	Type	Collation	Attributes	Null	Default	Extra
1	<u>ID</u>	int(11)			No	None	AUTO_INCREMENT
2	Name	varchar(50)			No	None	

4. Table name: Astate

#	Name	Type	Collation	Attributes	Null	Default	Extra
1	<u>id</u>	int(11)			No	None	AUTO_INCREMENT
2	Name	varchar(20)			No	None	

5. Table name: Admin

#	Name	Type	Collation	Attributes	Null	Default	Extra
1	<u>NAME</u>	varchar(20)			No	None	
2	<u>UNAME</u>	varchar(20)			No	None	
3	<u>PASS</u>	varchar(10)			No	None	

# USER MANUAL

**Following is our user manual for the user explaining how to use the system.**

- First, user has to visit our site & register the relevant information
- User has to login to our site to get access to our site.
- If the user wants to sell product then, he/she has to click on sell product & fill all the details & upload the product. User can upload as many products as he/she wants. There are no restrictions.
- If the user wants to buy the products then he/she can click on buy product & can view all the different category products. Through the seller's product & contact details buyer can contact the seller & can meet them.
- If the user wants to delete the product then he/she has to click on delete your products. User can only delete his/her products. User is not allowed to delete others product. Only registered users can access our site.
- And if the user wants to update button his/her profile information. User has to click on update profile information & can fill the new details & update profile information.
- And lastly user can logout by clicking onto logout button.

## FUTURE ENHANCEMENTS

Every attempt has been made to ensure that the system is fully functional and works effectively & efficiently. The system has been tested with simple data to cover all possible options and checked for all outputs.

The following enhancements can be made to the Jolx system.

- Payment gateway method can be purchased to make payment.
- Chatting System for faster communication between buyer and seller.
- Google map to known your current location.

# REFERENCES & BIBLIOGRAPHY

## Books

- PHP and MySQL Web Development, Luke Welling, 2001.
- Programming PHP, Rasmus Lerdorf, 2002.

## Websites

- PHP Tutorials - <https://www.tutorialspoint.com/php>
- MySQL Tutorials - <https://www.tutorialspoint.com/mysql>



### Annexure III

#### WORK RECORD/DIARY

Name of the College: Goa Multi-Faculty College

Name of the Candidate: **Jailani, Anish, Anand, Aniket & Mehboob**

Course: BCA

Year: 2016-2017

Title of the Project: **Jolx**

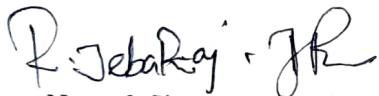
Library/Laboratory	Description of work	Date	Time Spent	Signature of Authority	Counter Signature of Guide & Date
Fieldwork					
Lab Fieldwork	Installing Necessary software's	10-09-2016	1 hour	<i>Alais</i>	<i>JR</i> 10/9/16
Library Fieldwork	Referring Books	15-09-2016	2 hour	<i>Alais</i>	<i>JR</i> 15/9/16
Lab Fieldwork	Working on project	17-09-2016	2 hour	<i>Alais</i>	<i>JR</i> 17/9/16
Lab Fieldwork	Working on project	15-10-2016	2 hour	<i>Alais</i>	<i>JR</i> 15/10/16
Library Fieldwork	Referring Books	20-10-2016	2 hour	<i>Alais</i>	<i>JR</i> 20/10
Lab Fieldwork	Working on project	29-10-2016	2 hour	<i>Alais</i>	<i>JR</i> 29/10/16
Lab Fieldwork	Working on project	10-12-2016	2 hour	<i>Alais</i>	<i>JR</i> 10/12/16
Lab Fieldwork	Working on Project Report	07-01-2017	2 hour	<i>Alais</i>	<i>JR</i> 07/01/17
Lab Fieldwork	Working on Project Report	21-01-2017	2 hour	<i>Alais</i>	<i>JR</i> 21/01/17
Lab Fieldwork	Working on Project Report	28-01-2017	2 hour	<i>Alais</i>	<i>JR</i> 28/01/17

1. Signature of the Student: *Jailani, Anish, Anand, Aniket, Mehboob*
2. Signature of the Guide: *JR*
3. Signature of Project Coordinator: *JR*

## Annexure VII

### PROJECT GANTT CHART

Task	Duration(Start and end dates of each task in a calendar format)
Analysis	27-08-2016 to 10-09-2016
Design	17-09-2016 to 15-10-2016
Implementation	22-10-2016 to 10-12-2016
Testing	17-12-2016 to 31-12-2016



Name & Signature of project Guide