



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

**SCHOOL OF COMPUTER SCIENCE AND ENGINEERING
VELLORE INSTITUTE OF TECHNOLOGY, VELLORE**

BICYCLE RENTALS IN VIT

Done by

Nithiyasri N – 20BCI0230

Win Revans B - 20BCE0971

Kaaviya Priya S G – 20BCE0045

Bola Jyothi Sravan Santhosh – 20BCE2711

Pushadapu Chiru Venkata Siva Sai Krishna – 20BCE2685

For the course

Course Code : CSE3002

Course Name : Internet and Web Programming

FALL SEMESTER 2022-23

Supervisor :

Mary Mekala A

Table of contents

S.No	Topic	Page Number
1	Abstract	3
2	Introduction	4
3	Architecture Diagram	5
4	Database Design	8
5	Module Description	12
6	Sample code	14
7	Screenshots	24
8	Conclusion	31

ABSTRACT

As we all know that many universities are spread across by large area. There will be many academic blocks and hostel blocks for students inside the campus. These blocks may be very far from each other. In most of the universities there will be no proper transportation facilities for students to travel from one place to other within the campus. Some students have to travel between different academic blocks within short intervals of time to attend classes. Some universities provide shuttle services with some basic fare. But, these services are not the best solution to solve this problem. Because these services may or may not be available when they are needed .Most of the universities allow students to use bicycles inside the campus. But all students cannot afford to buy and maintain bicycles. Using bicycle to travel inside the campus helps students to save their time. Though walking is a very good habit and exercise, but it consumes a lot of time. Bicycling consumes less time and helps a person to be healthy and improve fitness compared to walking. So, the people who doesn't have a bicycle or cannot afford to buy a bicycle can make use of this bicycle rental system. They can rent a bicycle whenever they need and can pay the amount according to the time they used the bicycle. Also, People who have a bicycle can also earn some money using this system. They can give their bicycle when they are not using it to other students through this system and they can earn some money. This type of system will be very helpful for the students.

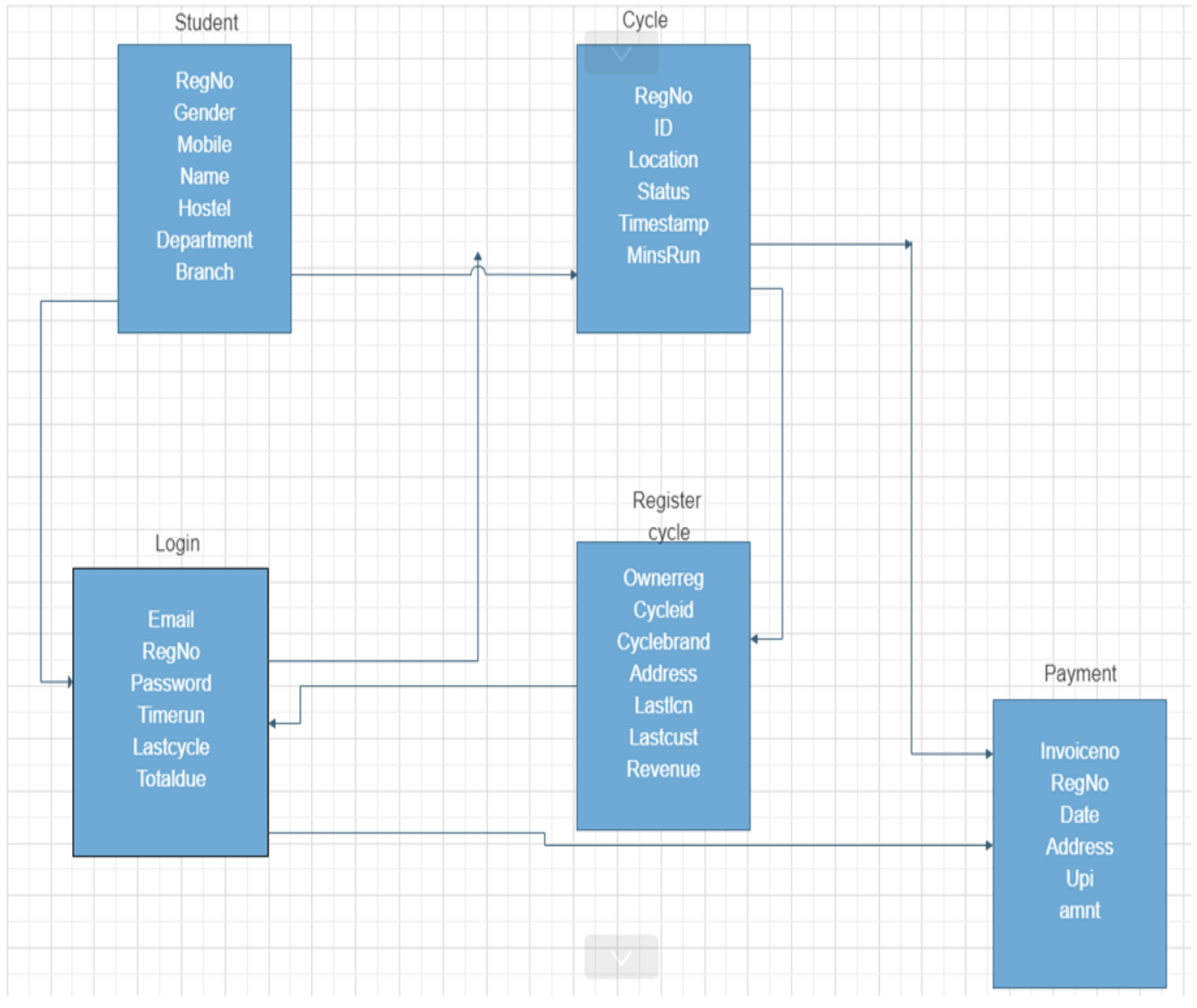
INTRODUCTION

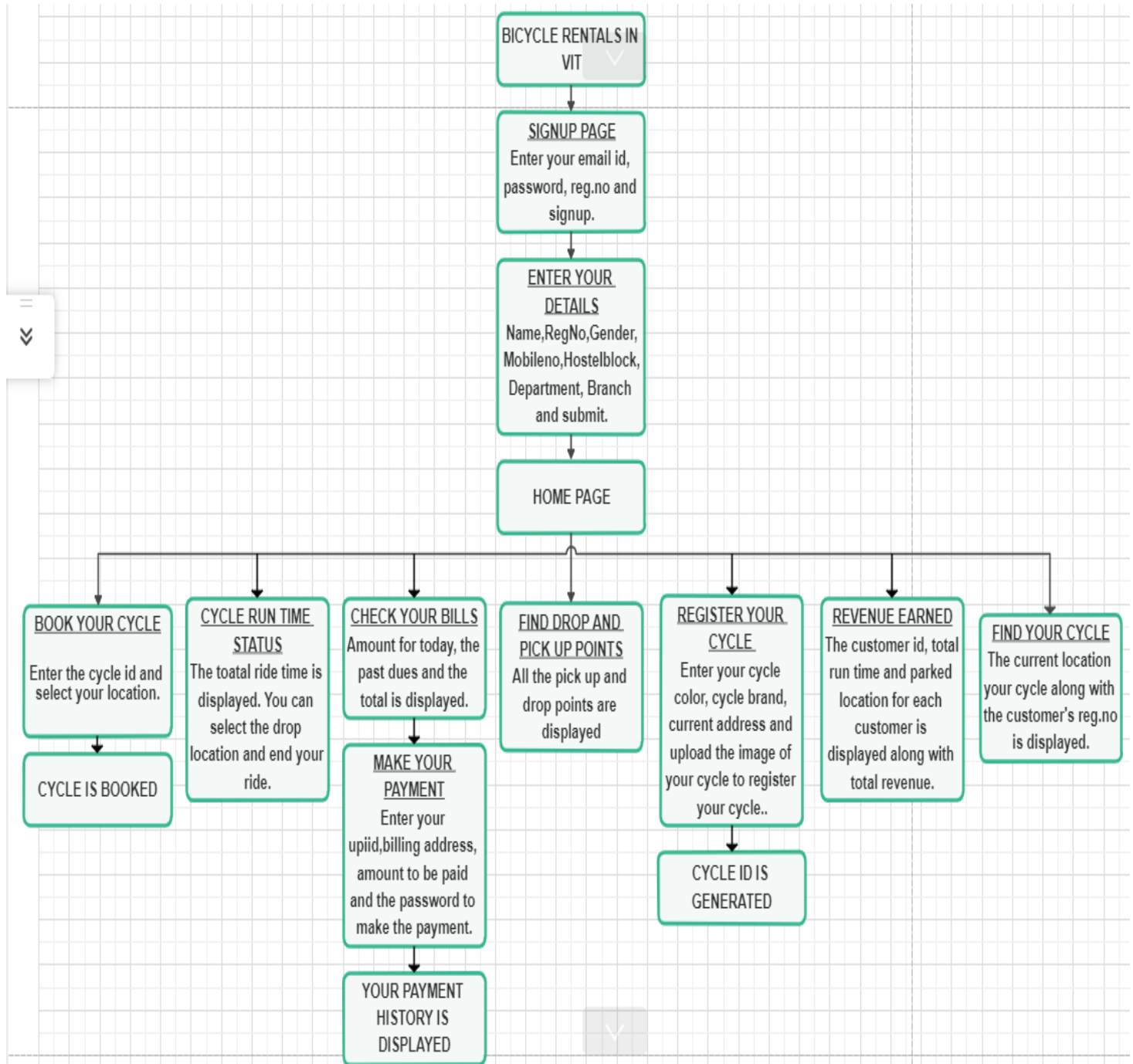
This system is named as Bicycle Rental System. It is designed to help the students to take bicycles for rent. In this system, bicycle owners who want to give their bicycles for rent can register themselves and add their bicycle details. The customers can register themselves as renters, they search for the bicycle that they want to rent and take that bicycle for rent. Details of both the customers and the sellers will be taken and validated to avoid mistakes. Bicycle parked location is required because customer can take the bicycle only by going to that location.

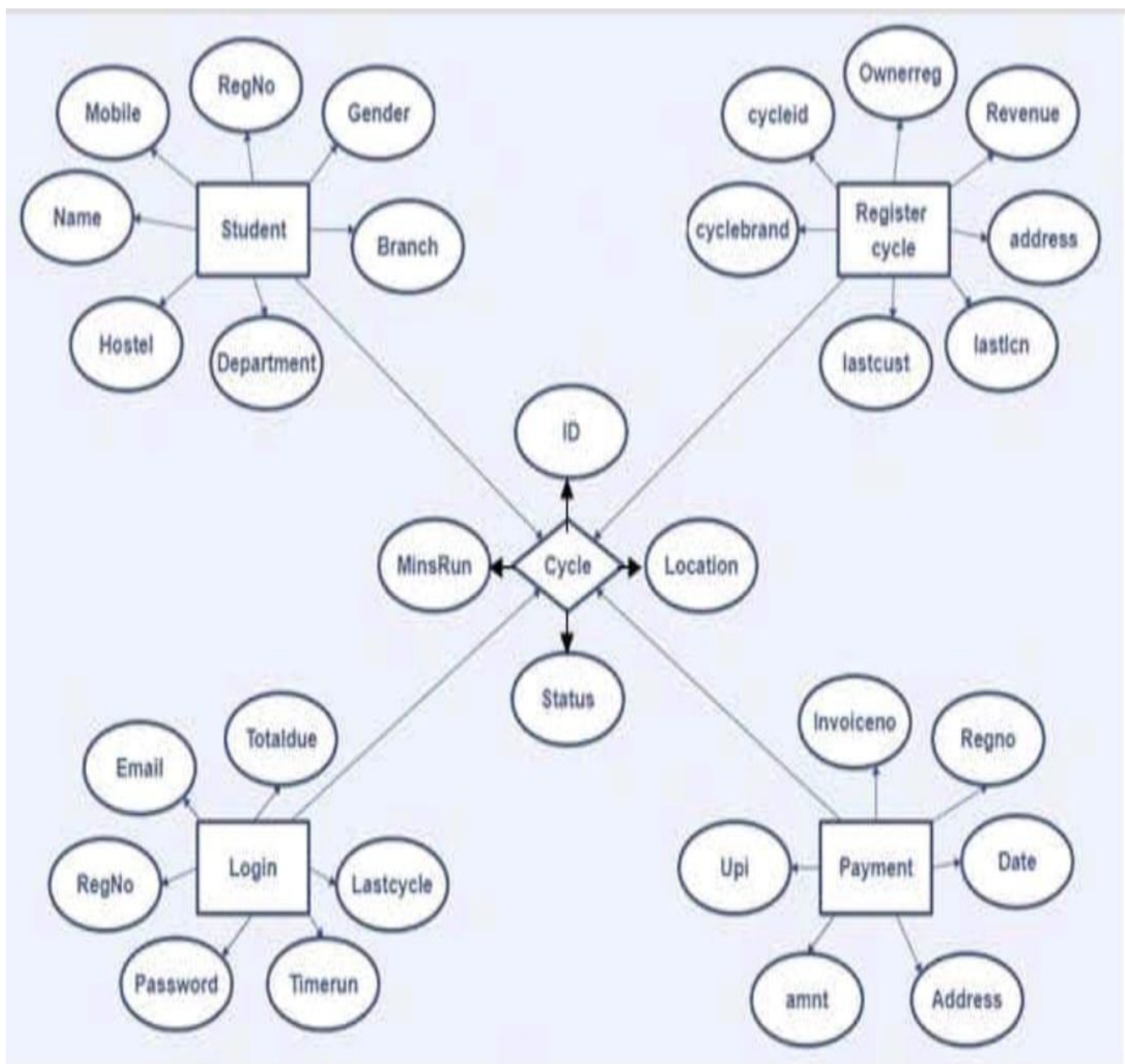
This system allow customers to choose a bicycle according to their need and take that bicycle on rent. Sellers will be able to earn money by giving their bicycle on rent. When the customer take a bicycle on rent, the time that they use bicycle will be recorded. After the usage of that rented bicycle, customer will park the bicycle at some location and enters that location. After the completion of ride, the amount will be calculated according to the time that they used the bicycle.

This project can be implemented in many large universities. Here, we have considered implementing this project for Vellore Institute of Technology. There are many academic blocks and hostel blocks in Vellore Institute of Technology. So, students can make use of this system and travel, explore the campus. This system helps the students to decrease stress levels, strengthen bones, increase fitness, muscle strength and flexibility.

ARCHITECTURE DIAGRAM





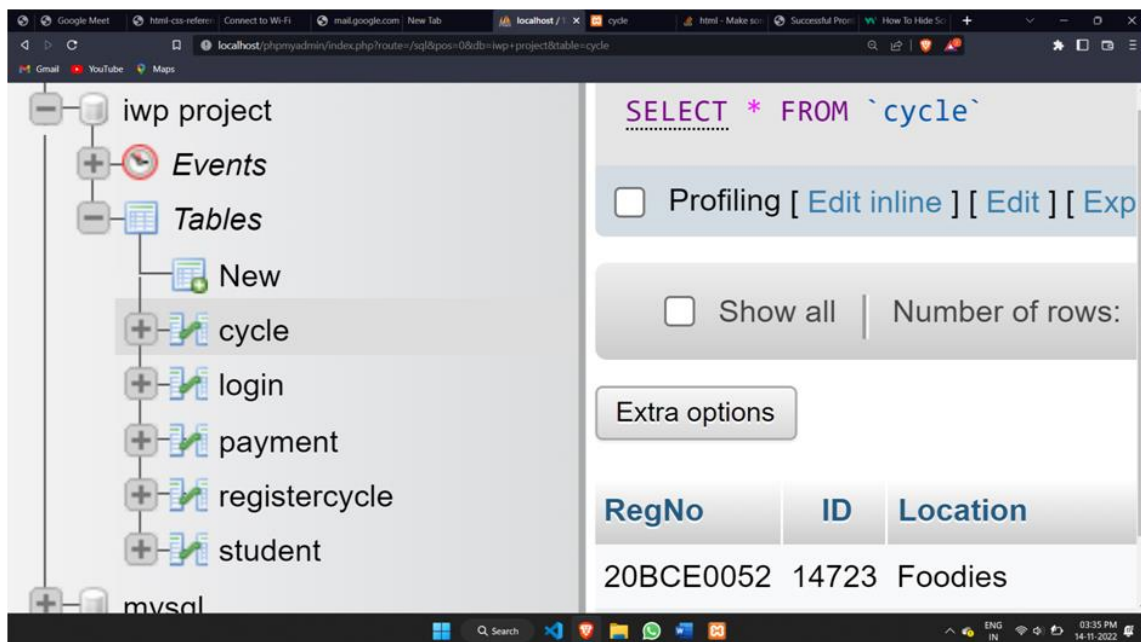


DATABASE DESIGN

We have designed five databases for this web application.

- Student
- Login
- Registercycle
- Cycle
- Payment

Screenshots of the databases used :



Student Database :

It stores all the student data. It records registration number, gender, mobile number, name, hostel block, department and branch of the student.

Server: 127.0.0.1 • Database: iwp project • Table: student

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 12 (13 total, Query took 0.0004 seconds.)

SELECT * FROM `student`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

RegNo	Gender	Mobile	names	Hostel	Department	Branch
20BCE1000						
20BCE0500	M	9790341357	BUDVIN			
20BCE0020	ENTER	ENTER	ENTER	ENTER	ENTER	ENTER
20BCI0052	M	9876336536	Sanjith	C-Block	BTech	CSE
20BCI0230	F	9677406282	nithiya	D-Block	B.Tech SCOPE	IS CSE
20BEC0001	F	1234567890	DEVA	C	CSE	BTech
20bit0422	M	9445838484	sathyanarayanan	E	BTech	IT
20BCE0075	F	8273762323	Aravind Krishna	E-Block	Btech	CSE
20BCI0075	F	9999999999	DINESH	Q BLOCK	CSE	BTech

Login Database :

This database stores the details that helps user to login. The data present in the database helps us to validate the user. Email, registration number, password, timerun, last bicycle used and total due left are stored in this database.

Server: 127.0.0.1 • Database: iwp project • Table: login

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 18 (19 total, Query took 0.0005 seconds.)

SELECT * FROM `login`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

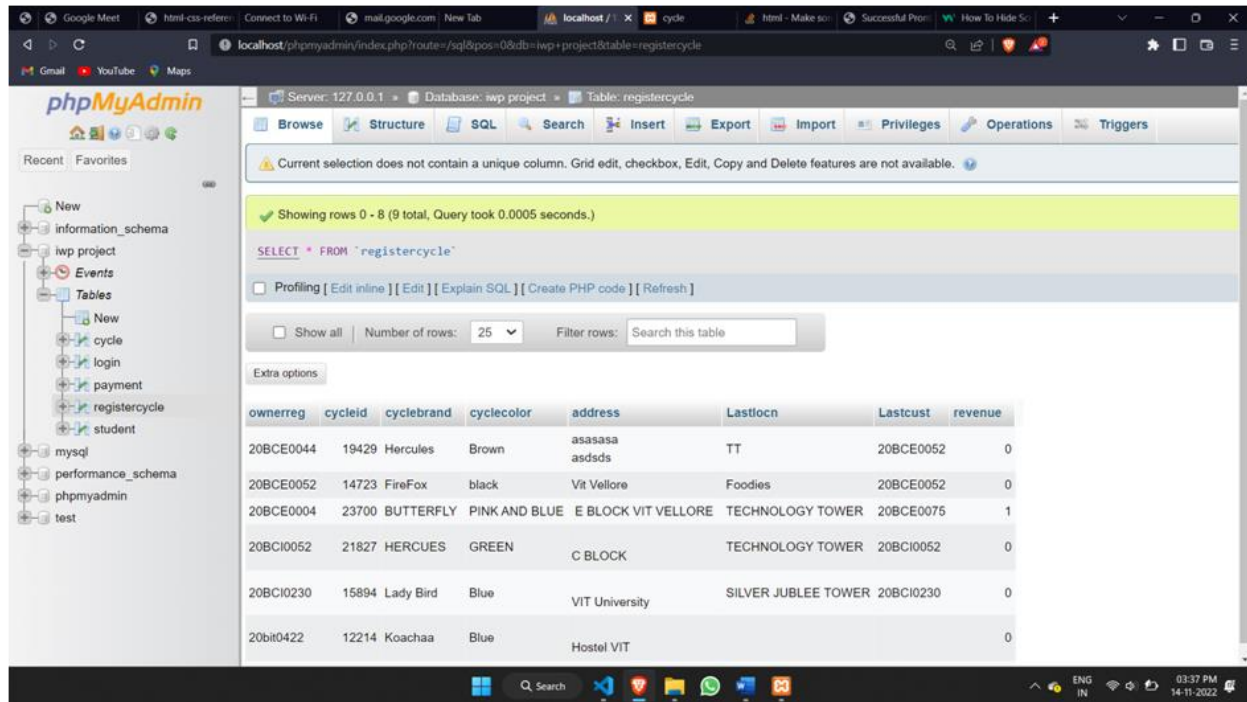
Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

email	RegNo	password	Timerun	Lastcycle	TotalDue
dhanush@vitstudent.ac.in	20BCE0044	123456	15	23700	0
sanjit@vitstudent.ac.in	20BCE0052	12345678	122	14723	0
yogeeshpavas@vitstudent.ac.in	20BCE0004	1234	132	30471	0.5
revans2002win@vitstudent.ac.in	20BCE0001	12345	0		0
revans@vitstudent.ac.in	20BCE0971	123456	0		0
abs@vitstudent.ac.in	20BCE4545	123	0		0
sanku@vitstudent.ac.in	20BCE1000	123	0		0
bud@vitstudent.ac.in	20BCE0500	123	0		0
Vijay@vitstudent.ac.in	20BCE0020	1234	0		0

Registercycle Database :

This database store the data related to the cycle specifications. Cycle owner's registration number, cycle id, cycle brand, address, last location where cycle was parked, registration number of the last customer who used that cycle and the revenue generated on that bicycle are stored.



Server: 127.0.0.1 * Database: iwp project * Table: registercycle

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 8 (9 total, Query took 0.0005 seconds.)

`SELECT * FROM "registercycle"`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

ownerreg	cycleid	cyclebrand	cyclecolor	address	Lastlocn	Lastcust	revenue
20BCE0044	19429	Hercules	Brown	asasasa asdsds	TT	20BCE0052	0
20BCE0052	14723	FireFox	black	Vit Vellore	Foodies	20BCE0052	0
20BCE0004	23700	BUTTERFLY	PINK AND BLUE	E BLOCK VIT VELLORE	TECHNOLOGY TOWER	20BCE0075	1
20BCI0052	21827	HERCUES	GREEN	C BLOCK	TECHNOLOGY TOWER	20BCI0052	0
20BCI0230	15894	Lady Bird	Blue	VIT University	SILVER JUBLEE TOWER	20BCI0230	0
20bit0422	12214	Koachaa	Blue	Hostel VIT			0

Cycle Database :

This database is created to maintain records related to the usage of each bicycle. For each bicycle, registration numbers of the customers who used that cycle, location at which they parked the cycle, status of the cycle, time and number of minutes that cycle booked are stored in this database.

Server: 127.0.0.1 • Database: lwp project • Table: cycle

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 17 (18 total, Query took 0.0014 seconds.)

SELECT * FROM `cycle`

Number of rows: 25

RegNo	ID	Location	status	Timestamp	MinsRun
20BCE0052	14723	Foodies	0	00:00:00	0
20BCE0052	14723	Foodies	0	00:00:00	1
20BCE0004	23700	GDN	0	00:00:00	116
20BCE0004	23700	smv	0	00:00:00	2
20BCI0052	21827	TECHNOLOGY TOWER	0	00:00:00	4
20BCE0044	23700	--SELECT DROP LOCATION--	0	00:00:00	11
20BCE0004	23700	MAIN BUILDING	0	00:00:00	4
20BCI0230	15894	SILVER JUBILEE TOWER	0	00:00:00	1
20BCI0230	23700	TECHNOLOGY TOWER	0	00:00:00	10

Payment Database :

To store the information related to payments, we have designed this database. This database stores the invoice number, registration number of the customer , date of payment, address of the customer, upi id and the amount that customer had paid.

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 7 (8 total, Query took 0.0004 seconds.)

SELECT * FROM `payment`

Number of rows: 25

Invoiceno	RegNo	date	address	upi	amnt
18936	20	11-November-2022	w	w	0
40585	20	11-November-2022	w	w	0
14507	20	11-November-2022	w	w	0
32726	20BCI0230	12-November-2022	Vit Hostel	nith@okicic	0
14040	20BCE0001	13-November-2022	SSSS	DAVA@OICICI	0.25
51874	20bit0422	13-November-2022	hghghgh	ghg@hgh	0.25
47959	20BCE0075	13-November-2022	Hostel Block E vit	yogesh@okicic	0.3
19290	20BCE0004	14-November-2022	Vit Vellore campus	chiru@okicic	2

MODULE DESCRIPTION

Book a Cycle Module:

The module contains a text field to accept CycleId and a drop down box to select the desired location from the user . When the Submit button is clicked the Column Status of Table Cycle is checked if 0 or 1 if it is 1 then it is booked by some other person and he haven't ended his ride, the user will be alerted with a message "Oops Cycle is booked by other select some other cycle " . If the status is 0 then update the status column of table cycle so that no other can book the same cycle if the user haven't end the ride. The asia pacific Kolkata time is fetched using Date() function in php and stored in Cycle Table so that the total time of run can be calculated with the stored time on end of ride. Then the user is notified with an alert box "Successfully Booked" and redirected to timer page. The cycle_id will be stored in session and passed to next page.

Timer Module:

The timer module contains a display clock that display time run by the cycle till that time the user visit the page, the time is fetched by calculating the present time using the PHP inbuilt function and subtracting that from the time stored in the time column in cycle table .The user will be asked for Parked location and as soon as he click submit button the time of his ride will be calculated and it will be converted to minutes and will be updated into the login table and equivalent cost of his ride will be calculated and added to the table column total due. Then the cycle status will be changed to 0 so that the other users can book and use the cycle .A new row is inserted into cycle table with User registration number fetched from the user and the following cycle id with time run so that this can be used in calculating and displaying the bills. Now the user is redirected to Bills page.

Check Bills Module:

Here the past records of all the rides a user have done is been fetched from the cycle table by matching the registration number column of the table cycle with the registration number of the logged in user stored in session . The fetched results are listed in the form of a table and the total cost of all the fetched rides are calculated and displayed using JS

into the desired div element . The page also contains a paynow button that redirects the user to the payment page.

Payment Module:

This module will fetch the total amount the user need to pay from the total due column in the table login and display into our html element. This page contains a form that accepts the name of user, Upi Id of the user , Amount he wish to pay and password .As soon as he click the submit button check is the entered amount by him is less than his due by fetching the due amount from the login table if the amount is less than his due the user is alerted with “You are making a invalid Payment” else the login table is updated using the update query with a new amount after deducting the amount paid by him in the total due column of table login. The table payment is inserted with a new row containing (upi id ,date ,amount paid).Then he is alerted with a alert box message of “Payment Successful ”.Then our module has a show history tab on clicking it our system id redirected to a new page called Payment history where the user can check their payment history.

Register a Cycle Module:

Here the user is asked to enter their cycle details such as Cycle Brand , Cycle Color , their address and image file of their cycle. Then their registration that is stored in sessions is being fetched and compared in register cycle table , if the reg number already exist he is alerted that you already have a cycle else his cycle will be registered and an random generated cycle id is displayed to him.

Revenue Earned :

Here we will be fetching the record of cycle time used by an user and the respective revenue earned for each ride is calculated. The records are stored in cycle table and fetched. The total revenue he earned is also calculated and stored and displayed.

Find Your Cycle:

This module displays the cycle Id , the last customer’s regno who used his cycle and the location where the customer parked the cycle .

SAMPLE CODE

Login module:

```
<h2>LOGIN</h2><br>
  <form method="POST">
    <label for="E-mail">REG-NO:</label><br>
    <input type="text" id="E-mail"placeholder="Enter your REG-No" title = "You
should enter REG-NO Given by VIT" required name="regno">
    <br>
    <br>
    <label for="pass">Password:</label><br>
    <input type="Password" id="pass" placeholder="*****" name="password">
    <br>
    <br>
    <button type="submit" class="login" name="btnsub">LOGIN</button>
    <br>
    <br>
    <br>
    <a href="#">Forget Password?</a><br>
    <br>
    <a href="signup.php">Don't have an account- Register</a>
  </form>
</div>
<?php
  $con=mysqli_connect('localhost','root','','iwp project');
  if(isset($_POST['btnsub']))
  {
    $reg = $_POST['regno'];
    $password = $_POST['password'];
    $query="select RegNo,password from login where RegNo='$reg' and
password='$password'";
    $result=mysqli_query($con,$query);
    $count=mysqli_num_rows($result);
    if($count==1)
    {
      $_SESSION['RegNo']=$reg;
      echo "<script> window.location.assign('Mainpage.php')</script>";
    }
    else{
```

```

        echo "<script> alert('Password or RegNo is incorrect. Re-enter Password or
Click forgot password option')</script>";
    }
}
?>

```

SignUp Module:

```

<?php
    $con=mysqli_connect('localhost','root','','iwp project');

    if(isset($_POST['btnsub']))
    {
        $reg = $_POST['RegNo'];
        $query1="select * from login where RegNo='$reg' ";
        $result1=mysqli_query($con,$query1);
        $count=mysqli_num_rows($result1);
        if($count>0)
        {
            echo "<script> alert('REGNO already exists')</script>";
            echo "<script> window.location.assign('Login.php')</script>";
        }
        else{
            $password = $_POST['password'];
            $password1= $_POST['password2'];
            $email = $_POST['email'];
            $reg = $_POST['RegNo'];
            if($password==$password1)
            {

                $query = "insert into login (email,password,RegNo) values('$email','$password','$reg') ";

                $result = mysqli_query($con,$query);
                $query2 = "insert into student (RegNo) values('$reg')";
                $result2 = mysqli_query($con,$query2);
                if($result2)
                {
                    $_SESSION['RegNo']=$reg;
                    echo "<script> window.location.assign('Profile.php')</script>";
                }
            }
        }
    }
}

```

```

        else{
            echo "False entry";
        }
    }
    else{
        echo "Password Doesn't match ";
    }
}
}
}

```

?>

Book a Cycle:

```

<?php
    $server = "localhost";
    $username = "root";

    $conn = new mysqli($server,$username,"iwp project");
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }

    if (isset($_POST['submit'])) {
        $cycleid = $_POST['id'];
        $reg = $_SESSION['RegNo'];
        $locn = $_POST['locn'];
        $query1 = "select* from cycle where ID='$cycleid'";
        $result1 = mysqli_query($conn, $query1);
        $count=mysqli_num_rows($result1);
        date_default_timezone_set("Asia/Calcutta");
        $time = date('h:i:s');
        $queryof = "select* from registercycle where cycleid='$cycleid'";
        $resultof = mysqli_query($conn, $queryof);
        $countof=mysqli_num_rows($resultof);
        if($countof<1){
            echo "<script> alert('You Have Entered a wrong Cycle_ID!!!')</script>";
        }
        else{

```



```

if($count>0)
{
    $val = 0;

    while($row = $result1->fetch_assoc()){
        $val = $row['status'];
    }
    if($val ==0){

        $_SESSION['cycle_id']=$cycleid;
        echo "<script> alert('Cycle Booked successfully!!!!')</script>";
        echo "<script> window.location.assign('timer1.php')</script>";
        $query = "insert into cycle (RegNo,ID,Location,status,Timestamp)
values('$reg','$cycleid','$locn',1,'$time')";
        $result = mysqli_query($conn, $query);
        echo "<script> alert('Cycle Booked successfully!!!!')</script>";
    }
    else{
        echo "<script> alert('OOPS This is cycle is not available! Select another cycle')</script>";
    }
}
else
{
    $query = "insert into cycle (RegNo,ID,Location,status,Timestamp)
values('$reg','$cycleid','$locn',1,'$time')";
    $result = mysqli_query($conn, $query);

    if ($result) {
        echo "<script> alert('Cycle Booked successfully!!!!')</script>";
        $_SESSION['cycle_id']=$cycleid;
        echo "<script> window.location.assign('timer1.php')</script>";
    }
    else {
        echo "Error updating record: " . $conn->error;
    }
}
}
}
?>

```

Timer :

```
<?php
```

```
$server = "localhost";
$username = "root";
$reg = $_SESSION['RegNo'];
$conn = new mysqli($server,$username);
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
$query1 = "select * from cycle where RegNo='$reg' AND status=1";
$db = mysqli_select_db( $conn, 'iwp project' );
$result= mysqli_query($conn, $query1);
$cycleid;
$datetime1;
while($row = $result->fetch_assoc()){
    $datetime1 = $row['Timestamp'];
    $cycleid = $row['ID'];
}
$count=mysqli_num_rows($result);
$mins=0;
if($count>0){
    date_default_timezone_set("Asia/Calcutta");
    $datetime1 = strtotime($datetime1);
    $h1 = (float)(date('h',$datetime1));
    $m1 = (float)(date('i',$datetime1));
    $s1 = (float)(date('s',$datetime1));
    $h2 = (float)(date('h'));
    $m2 = (float)(date('i'));
    $s2 = (float)(date('s'));
    $h = ($h2 - $h1);
    $m = ($m2 - $m1);
    $s = ($s2 - $s1);
    if($m<0){
        $m = 60+$m;
        $h -=1;
    }
    if($s<0){
```

```

    $s +=60;
    $m -=1;
}

$mins += ($h*60 + $m);
$h = (string)$h;
$m = (string)$m;
$s = (string)$s;

$res = $h.":". $m.":". $s;
echo "<script>document.getElementById('time').innerHTML= '$res' </script>";

}

if(isset($_POST['btn'])){
    $locn = $_POST['pk'];
    $que = "UPDATE cycle set status = 0, Timestamp =
default,Location='$locn',MinsRun='$mins' WHERE RegNo ='$reg' and status=1 ";
    mysqli_query($conn, $que);
    $query1 = "select Timerun from login where RegNo ='$reg' ";
    $result= mysqli_query($conn, $query1);
    $pasttime;
    $pastdue;
    while($row = $result->fetch_assoc()){
        $pasttime = $row['Timerun'];
        $pastdue = $row['TotalDue'];
    }
    $cost = 0.25;
    $pasttime += $mins;
    $pastdue += ($mins*$cost);
    $que1 = "select * from registercycle where cycleid ='$cycleid' ";
    $res1 = mysqli_query($conn, $que1);
    while($row = $res1->fetch_assoc()){
        $reven = $row['revenue'];
    }
    $reven += ($mins*$cost);
    $que = "UPDATE login set Timerun = '$pasttime',TotalDue =
'$pastdue',Lastcycle='$cycleid' WHERE RegNo ='$reg' ";

```

```

mysqli_query($conn, $que);
$que = "UPDATE registercycle set Lastlocn = '$locn' ,Lastcust='$reg',revenue='$reven'
WHERE cycleid ='$cycleid' ";
mysqli_query($conn, $que);
echo "<script> window.location.assign('CheckBills.php')</script>";

}

?>

```

Payment :

```

<?php
$reg=$_SESSION['RegNo'];
$con=mysqli_connect('localhost','root','iwp project');
$query1 = "select * from login where RegNo='$reg'";
$result1 = mysqli_query($con, $query1);
while ($row = $result1->fetch_assoc()) {
    $totcost = $row['TotalDue'];
    $pass1=$row['password'];

}
date_default_timezone_set("Asia/Calcutta");
$date= date('j\F-Y');
$disp=(string)$totcost;
$disp = "₹".$disp;
echo "<script>document.getElementById('payAmt').textContent ='$disp';</script>";
if(isset($_POST['subpay'])){
    $upi = $_POST['upi'];
    $address = $_POST['address'];
    $amnt = $_POST['amt'];
    $pass = $_POST['pass'];
    $invoice = rand(11111,55555);
    if($amnt <=0 or ($totcost -$amnt)<0){
        echo "<script> alert('You Are making an invalid Payment')</script>";

    }
    else{
        if($pass1 == $pass){

```

```

$query = "insert into payment (invoiceno,RegNo,date,address,upi,amnt)
values('$invoice','$reg','$date','$address','$upi','$amnt')";
$result = mysqli_query($con,$query);

$sup = $totcost- $amnt;
$query2 = "update login set TotalDue='$sup' where RegNo='$reg'";
$result2 = mysqli_query($con, $query2);
if($result)
{
    echo "<script> alert('Payment Successfully')</script>";
    echo("<meta http-equiv='refresh' content='1'>");
}
}
else{
    echo "<script> alert('Password Entered Incorrect')</script>";
}
}

}
?>

```

Revenue Module:

```
<div class="container">
```

```
<h1 align="center" style="margin-bottom:60px;"> HISTORY OF CYCLE RUN </h1>
```

```
<table border="2px" align="center" >
```

```
<?php
```

```

    $server = "localhost";
    $username = "root";
    $reg = $_SESSION['RegNo'];
    $conn = new mysqli($server,$username,"","iwp project");
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }
    $reg = $_SESSION['RegNo'];
    $query1 = "select * from registercycle where ownerreg='$reg'";
    $result1 = mysqli_query($conn, $query1);
    while($row = $result1->fetch_assoc()){

```

```

        $cycleid = $row['cycleid'];
    }

    $cnt=1;
    echo "

<tr>
<th>
    SNO
</th>
<th>
    CUSTOMER ID
</th>

<th>
    TOTAL RUN TIME
</th>
<th>
    TOTAL REVENUE EARNED
</th>
<th>
    PARKED LOCATION
</th>
</tr>

        ";
    $cost=0;

    $query1 = "select * from cycle where ID='$cycleid' and status=0";
    $result1 = mysqli_query($conn, $query1);
    $tot = 0 ;
    while($row = $result1->fetch_assoc()){
        $regnos = $row['RegNo'];
        $run = $row['MinsRun'];
        $reven = ($run * 0.25)* 0.5;
        $tot = (float)$tot + (float)$reven;
        $locn = $row['Location'];

        echo "
        <tr class='n'>
            <td>". $cnt."</td>
            <td>". $regnos."</td>

```

```

        <td>".$run."</td>
        <td>".$reven."</td>
        <td>".$locn."</td>

    </tr>
    ";
    $cnt++;

    }
    $tot = "₹ ".$tot;

    ?>

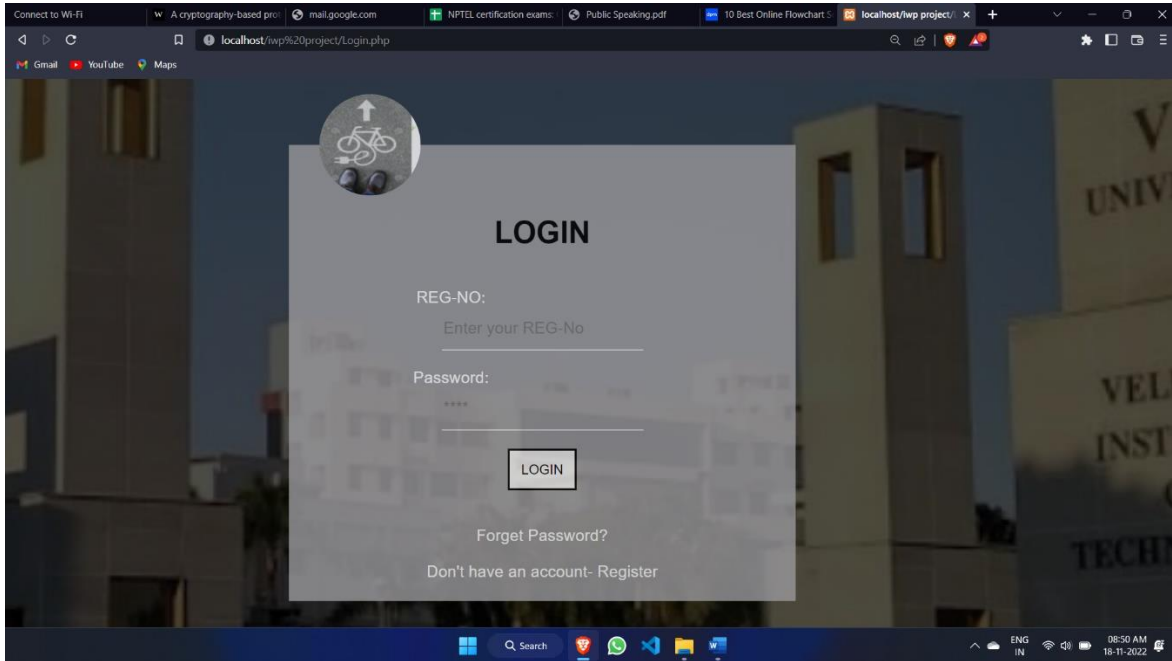
</table>

</div>
    <div align="center" style="margin-top:100px;">
        <h1>Total Revenue</h1>
        <p class="n1" id="tot"> n1</p>
    </div>
    <div align="center" style="margin-top:100px;">
        <a href="Mainpage.php">
        <p class="n2"> Go Back</p>
        </a>
    </div>
</div>
<?php
    echo "<script>document.getElementById('tot').innerHTML='$tot'</script>";
?>

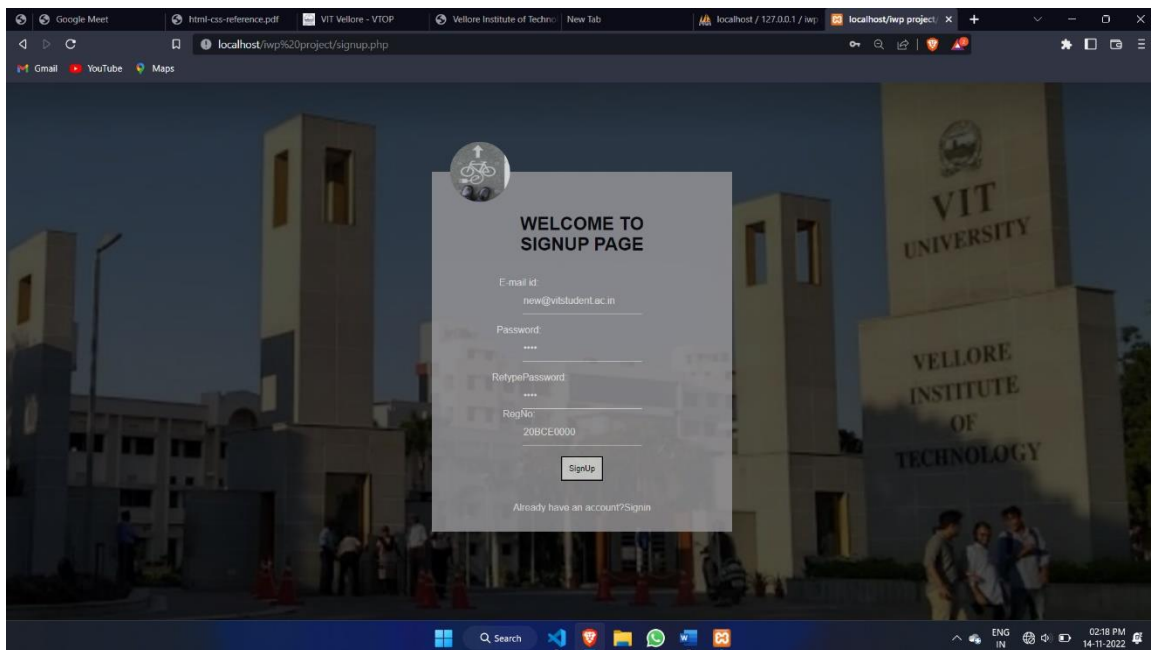
```

SCREENSHOTS

Login :



SignUp :



Profile:

Google Meet | html-css-reference.pdf | VT Vellore - VTOP | Vellore Institute of Techn... | New Tab | localhost / 127.0.0.1 / wvp | User_Profile

localhost/wvp%20project/Profile.php

ABOUT FINDS NEWS CONTACT

Name* ENTER

Reg_No* 20BCE0000

Gender* ENTER

Mobile* ENTER

Hostel Block* ENTER

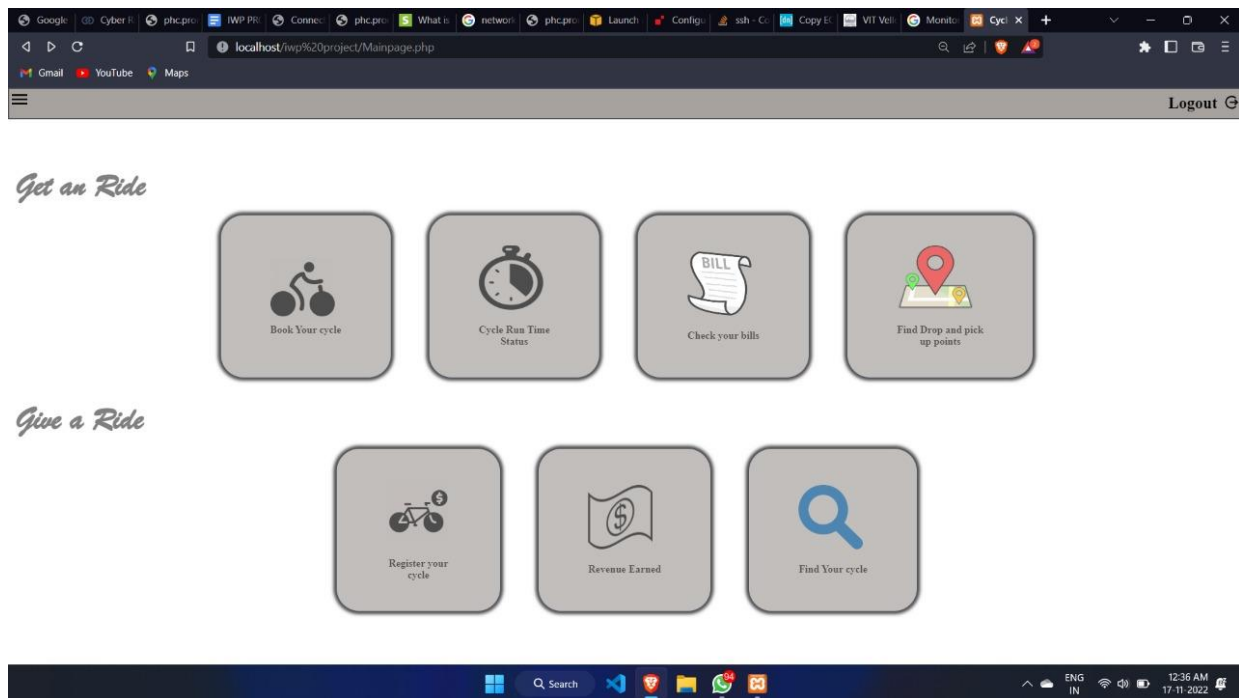
Department* ENTER

Branch* ENTER

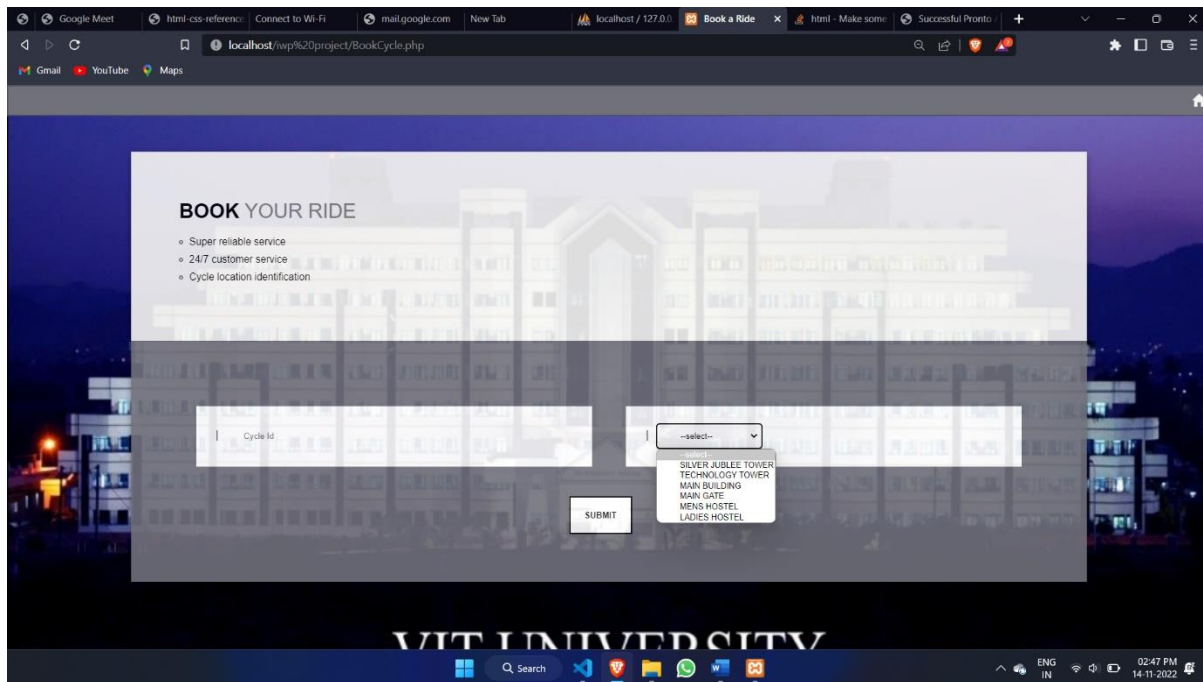
Edit

02:18 PM 14-11-2022

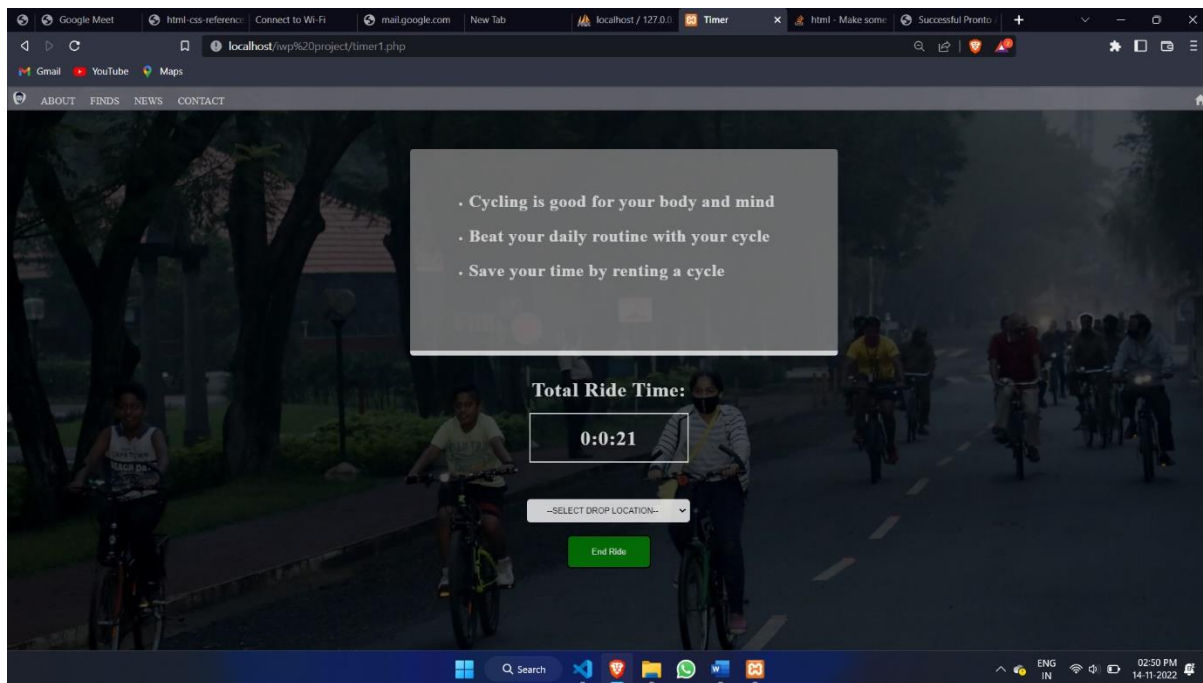
Home page :



Book Cycle:



Timer:



Bills :

Bills for , Monday the 14th of November 2022

S.No	Cycle_id	Run Time(mins)	Cost(Rs)
1	23700	116	29
2	23700	2	0.5
3	23700	4	1
4	21827	0	0
5	23700	0	0
6	30471	10	2.5
Total			33

Amount for Today : ₹ 33
Your Past Dues : ₹ 0

TOTAL : ₹ 33

[Pay Now](#)

Payment :

Make Your Payment

Please pay your balance dues by entering your UPI Number. You will be asked for your password .

Your Name

Your UPI

Billing Address

Amount You wish to pay
ex. 311

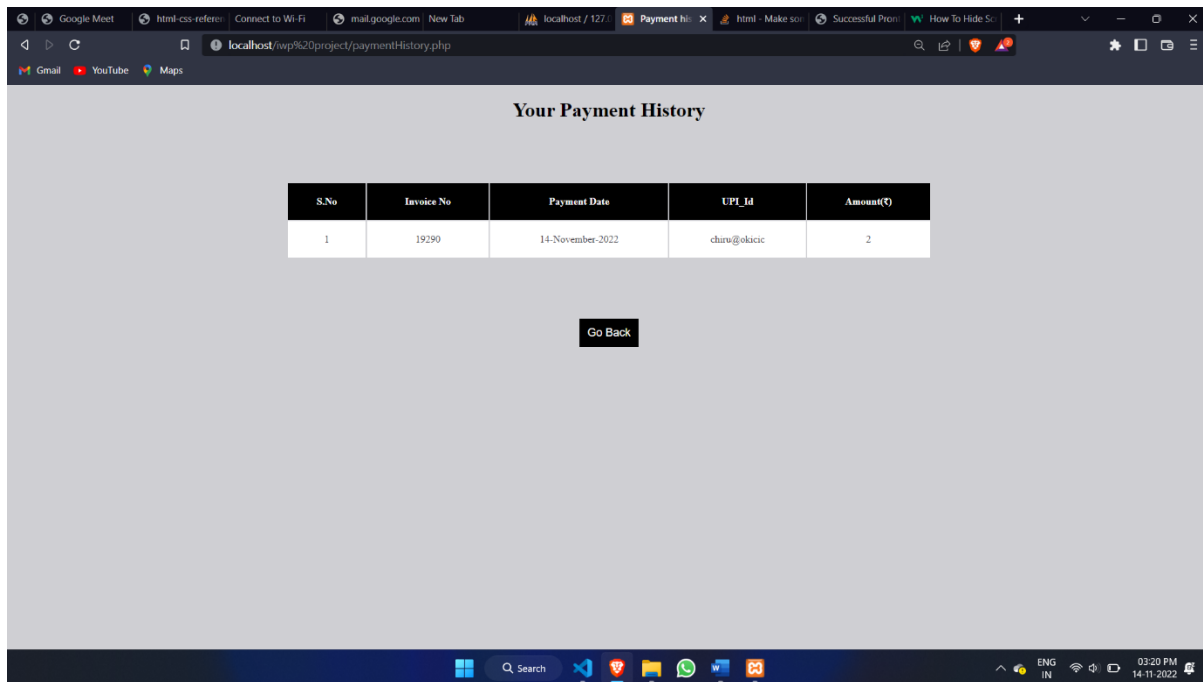
password

[Pay Now](#)

BALANCE DUE:
₹2.5

[Show Payment History](#)

Payment History:

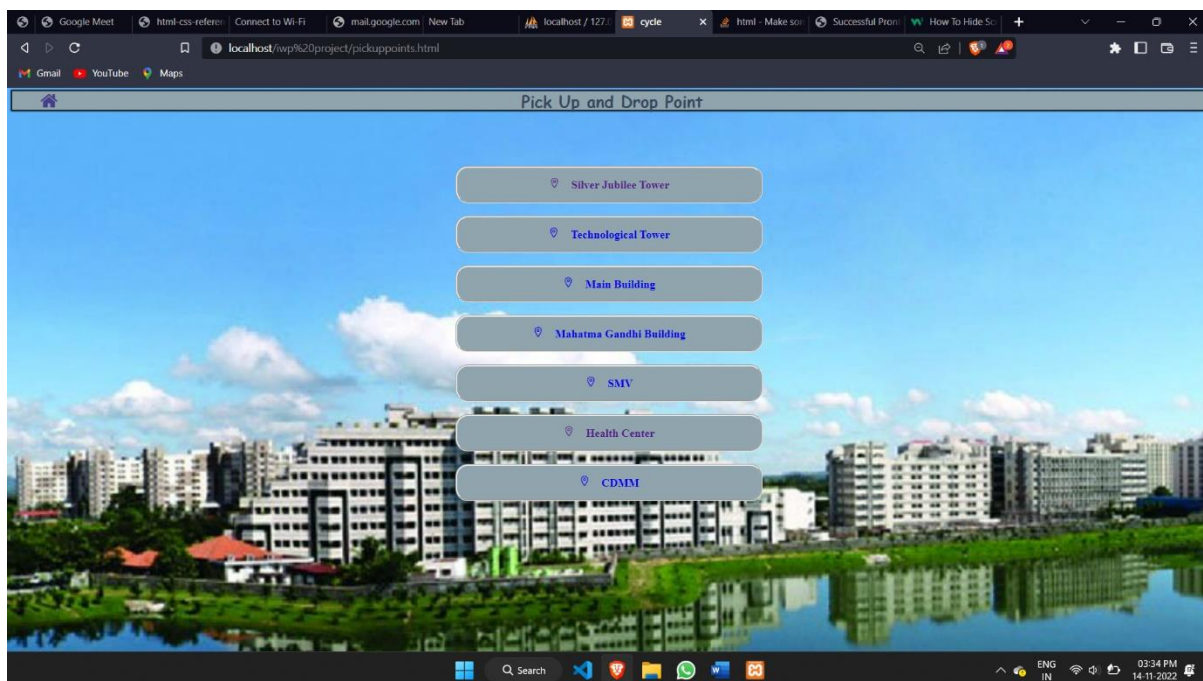


Your Payment History

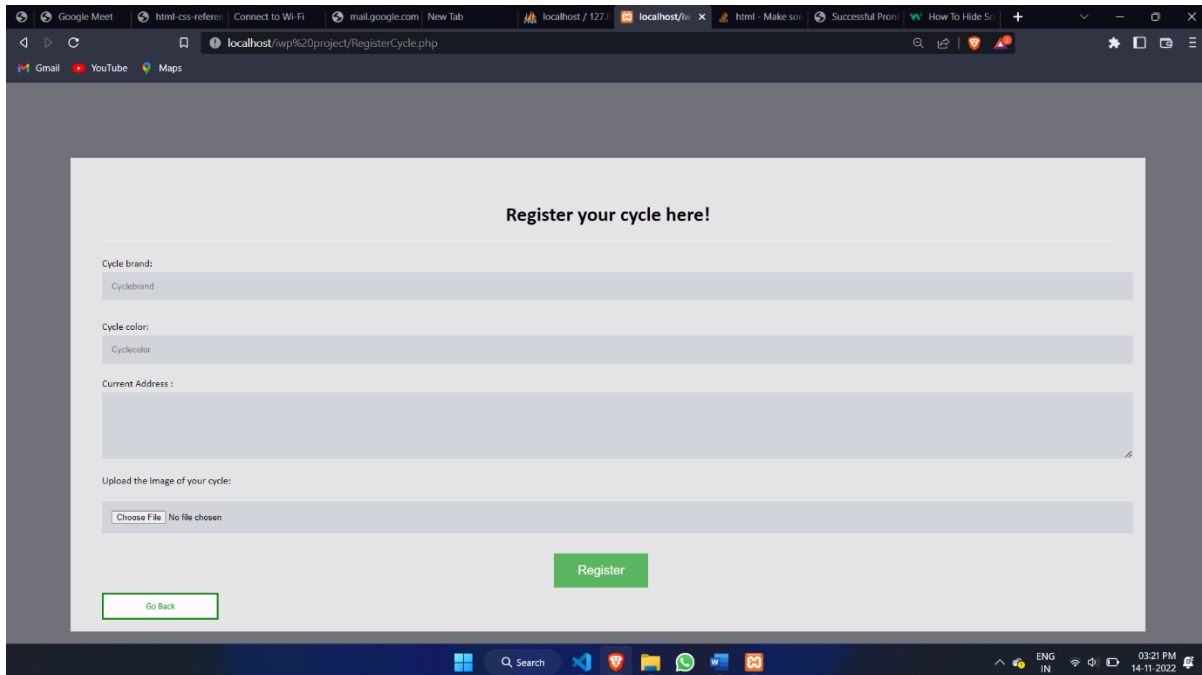
S.No	Invoice No	Payment Date	UPI_Id	Amount(₹)
1	19290	14-November-2022	charu@okacic	2

[Go Back](#)

Pick And Drop locations:



Register cycle:



Register your cycle here!

Cycle brand:
Cyclebrand

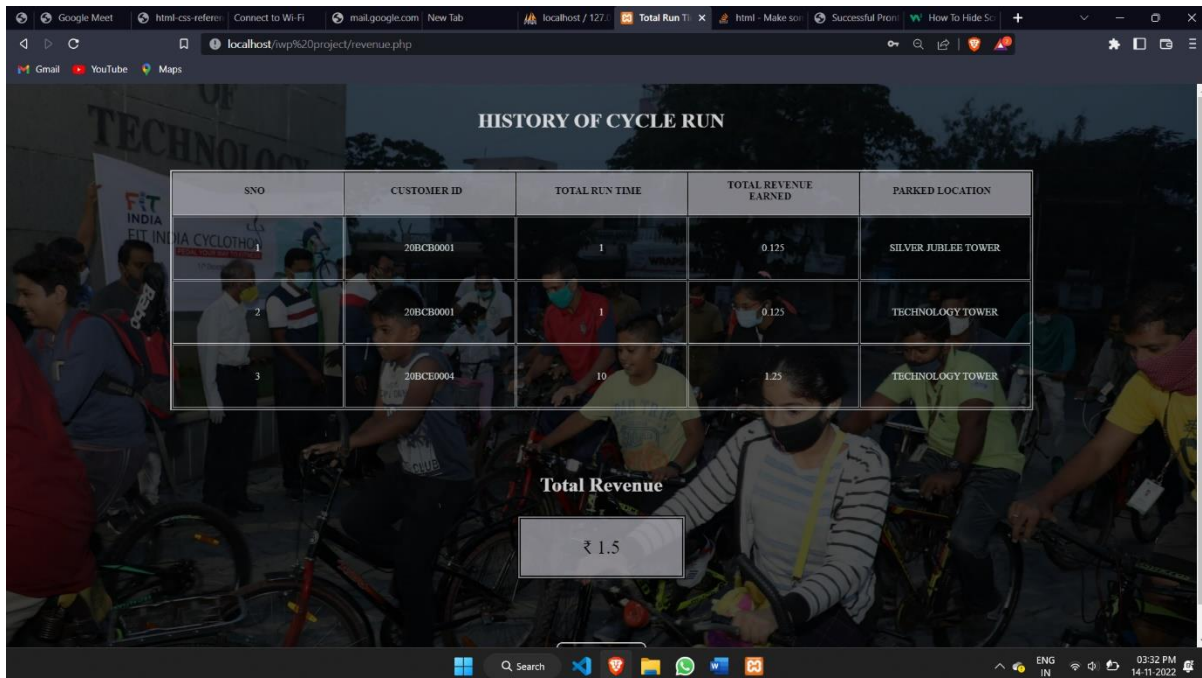
Cycle color:
Cyclecolor

Current Address :

Upload the image of your cycle:
Choose File No file chosen

Go Back Register

Revenue Earned:

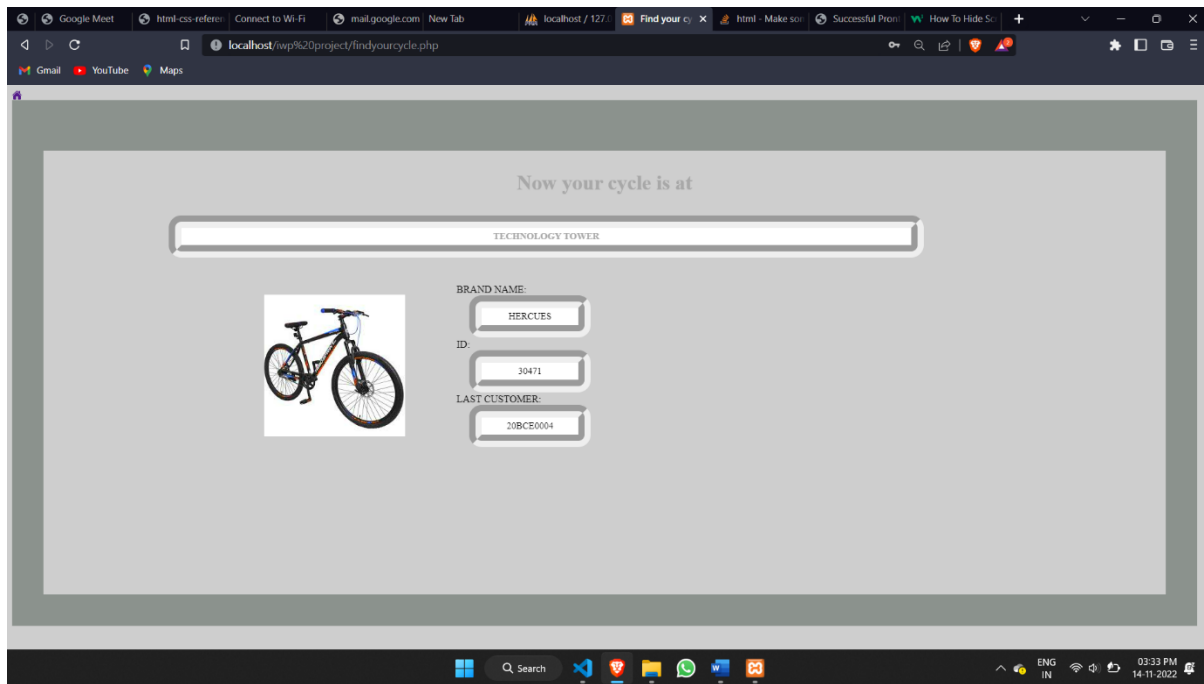


HISTORY OF CYCLE RUN

SNO	CUSTOMER ID	TOTAL RUN TIME	TOTAL REVENUE EARNED	PARKED LOCATION
1	20BCB0001	1	0.125	SILVER JUBILEE TOWER
2	20BCB0001	1	0.125	TECHNOLOGY TOWER
3	20BCB0004	10	1.25	TECHNOLOGY TOWER

Total Revenue
₹ 1.5

Find Cycle:



CONCLUSION

The purpose of this project is to develop a web application for renting bicycles in an university. It helps students to travel or explore the campus easily with in less time. It also makes students healthy and fit. We have designed all the parts that are required for an web application. We have developed this system with much care and free from errors and at the same time efficient and less time consuming.

This project helped us in gaining practical knowledge on several topics like web page designing using html and css, creating functions using javascript, creating databases and managing them using php and mysql. Also, this project helped us understanding about the development phases of a project. We learned a how to test different features of a project. This project gave us a great satisfaction in having designed an application which helps students a lot and can be implemented in an university.

There is a lot of scope for further development in this project. A number of features can be added to this system to improve the performance and security and make it more user friendly. Sending an OTP to email or mobile number of customer or an owner when they try to login to the application helps us to verify them.