A MINI PROJECT REPORT

ON

TRAVELERS DOCKET

Submitted in partial fulfillment of the

Requirements for the award of degree

of

Bachelor of Technology

In

Computer Science and Engineering

by

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ANURAG GROUP OF INSTITUTIONS

(Formerly CVSR College of Engineering)

(An Autonomous Institution,Approved by AICTE and NBA Accredited)

Venkatapur (V), Ghatkesar (M), RR Dist., T.S-500088

(2014-2018)

ANURAG GROUP OF INSTITUTIONS
(Formerly CVSR College of Engineering)
(An Autonomous Institution,Approved by AICTE and NBA Accredited)
Venkatapur (V), Ghatkesar (M), RR Dist., T.S-500088

Department of Computer Science and Engineering

CERTIFICATE

This is to certify that the project entitled **"TRAVELERS DOCKET"** being submitted by **R Sarika** bearing the Hall Ticket number **14H61A05N6** and **Shaik Rafae** bearing the Hall Ticket number **14H61A05P2** and **B Vishal Kumar** bearing Hall Ticket number **15H65A0508** in partial fulfillment of the requirements for the award of the degree of the **Bachelor of Technology** in **Computer Science and Engineering** to **Anurag Group of Institutions(Formerly CVSR College of Engineering)** is a record of bonafide work carried out by them under my guidance and supervision from July 2017 to Oct 2017.

The results presented in this project have been verified and found to be satisfactory. The results embodied in this project report have not been submitted to any other University for the award of any other degree or diploma.

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DECLARATION

We hereby declare that the project work entitled "**TRAVELERS DOCKET**" submitted to the **Anurag Group of Institutions(Formerly CVSR College of Engineering)** in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology (B.Tech)** in Computer Science and Engineering is a record of an original work done by us under the guidance of Mrs.**N Swapna Goud**, **Asst. Professor** and this project work have not been submitted to any other university for the award of any other degree or diploma.

R Sarika (14H61A05N6),
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Sign :
Date:

ABSTRACT

Travelers Docket is a web based application which is a one stop shop for every traveler. Travelers Docket's travel planning functionality makes it easy to plan a holiday from scratch. Nowadays, people want everything in a way that is easy and quick. Just to make one's holiday planning interesting this website was created to save not only time but also energy and money. This website enables a person to plan holiday destinations based on inputs of source city and other requirements by using multiple filters (viz., mode of transport, the number of days etc.). This website then provides the traveler with a list of destinations they can visit with whole iternary and give the traveler options to select the best destination one want to visit. Website also provides traditional surfing of selecting any city and will be provided with list of hotel choices according to budget and rating.

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1. INTRODUCTION

“Travelers Docket” is an online travel management system. This Application provides all available holiday destinations. The user selects the source of the journey and the number of days planned for the holiday. This website enables a person to plan holiday destinations based on inputs of source city and other requirements by using multiple filters (viz., mode of transport, the number of days etc.). This website then provides the user with a list of destinations they can visit with whole schedule in place and give the traveler options to select the best destination one want to visit. This application provides the schedule according to user chosen services.

This project is aimed at developing a website in which anyone can register and plan their journey. Travel planning functionality makes it easy for to plan a holiday in the matter of minutes.

1.1 Scope

The scope of this project is to provide an innovative and most user efficient holiday planning across web. The web application helps user plan holiday in reverse. It shows the list of varied destinations available for a certain source provided with number of days one has set aside for vacation. Website also provides list of hotels and their ratings for any.

1.2 Existing System

In the system a customer has to approach various agencies to find details of destination and to book tickets.

- This often requires a lot of time and effort.
- A customer may not get the desired information from these offices and often the customer may be misguided.
- It is tedious for a customer to plan a particular journey and have it executed properly.

1.3. Proposed system

To overcome the problems in the existing system we have come up with this web application.

- The proposed system is a web based application and maintains a centralized repository of all related information.
- The system allows one to easily access the relevant information and make necessary travel arrangements
- Users can decide about places they want to visit.

2. TECHNOLOGIES USED

Using PHP as Programming language for writing the code for the project, as PHP is a server scripting language and a powerful tool for making dynamic and interactive web pages. PHP is a widely-used, free and efficient alternative to competitors such as Microsoft's ASP.

2.1 Software Requirements

- Client-side Technologies : Html, CSS, Bootstrap
- Server-side Technologies : PHP
- Database: MySql
- Operating System : Windows 10
- Software : Xampp Server

3. DESIGN

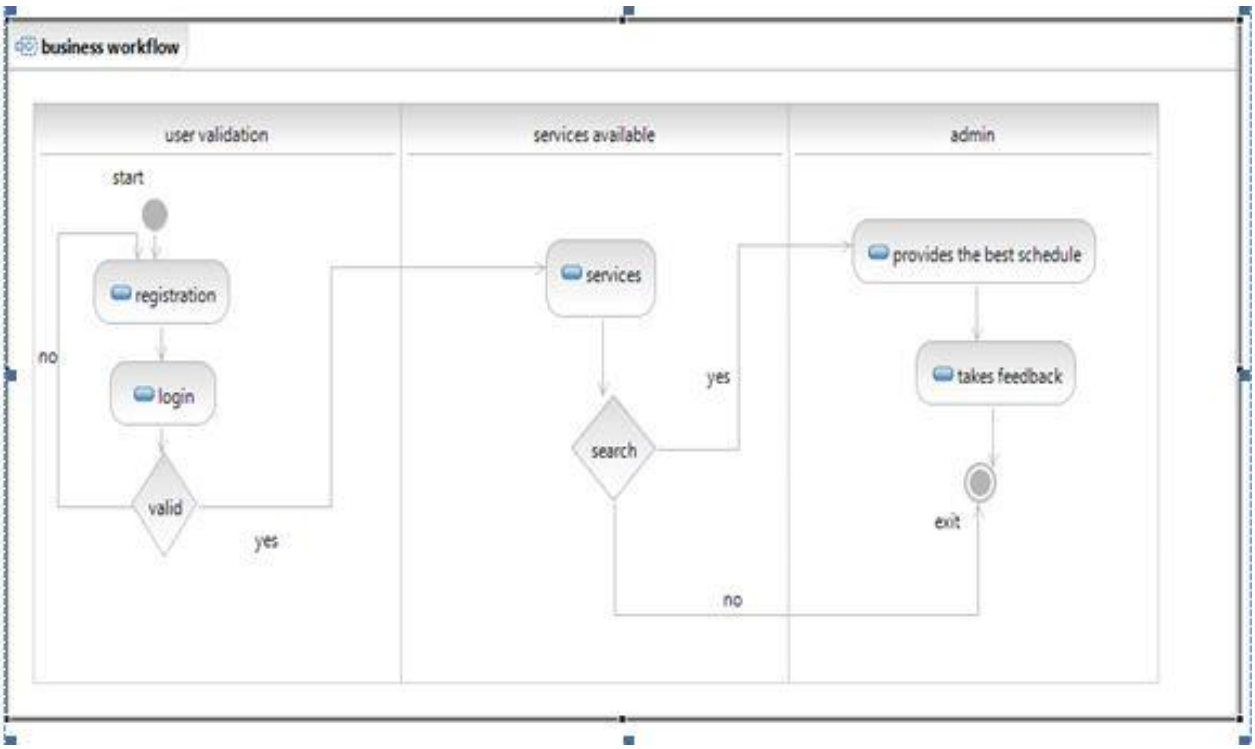
3.1 Actors

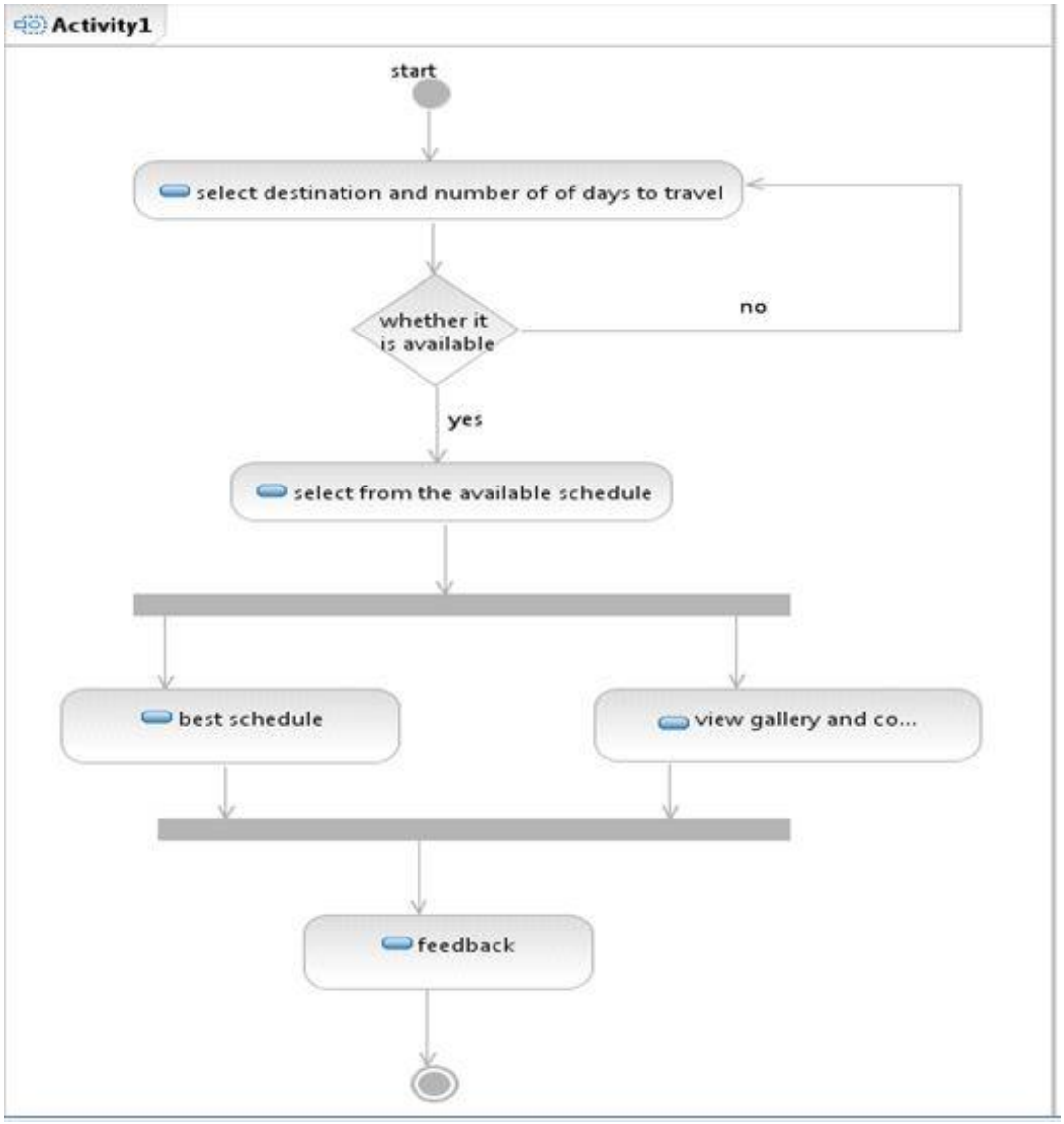
There are two actors. There are:

- Administrator
- Client

ACTOR	DESCRIPTION
Administrator	1. Updates the travel schedule 2. Updates the hotels with ranking. 3. Can interact with the database.
Client	1. Client can enter any city and duration for schedule 2. Can select the best schedule from available ones. 3. Can select the hotel per city.

3.2 Activity Diagram:





3.3 Modules

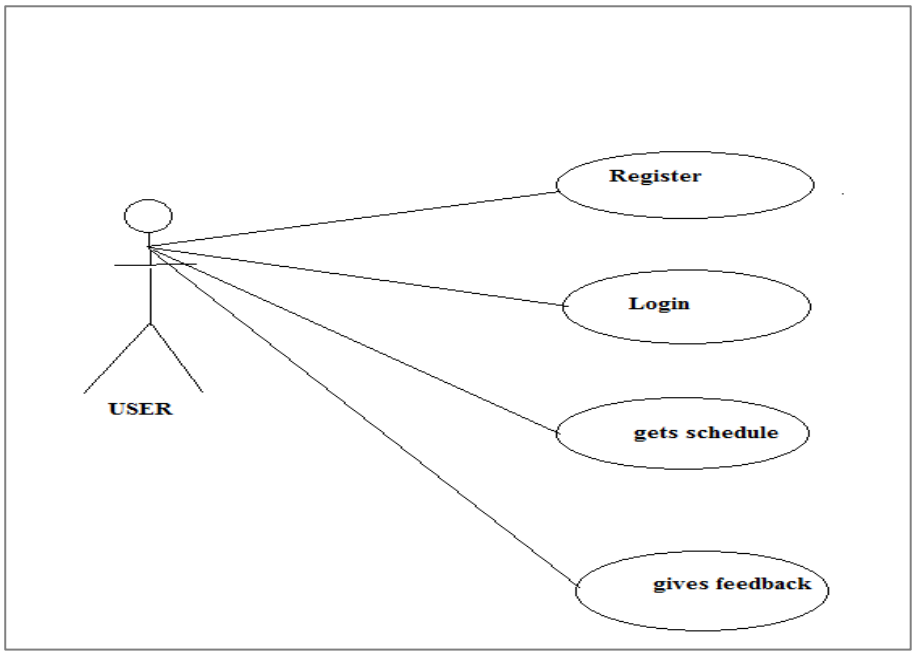
3.3.1) User Module

3.3.2) Admin Module

3.3.1. USER MODULE:

First user need to register with the details, after that he/she can login in our ontology system. Users can select any given source and the number of days of the tour and the best destination will be given. In this applications user can also view gallery of places and cost of packages.

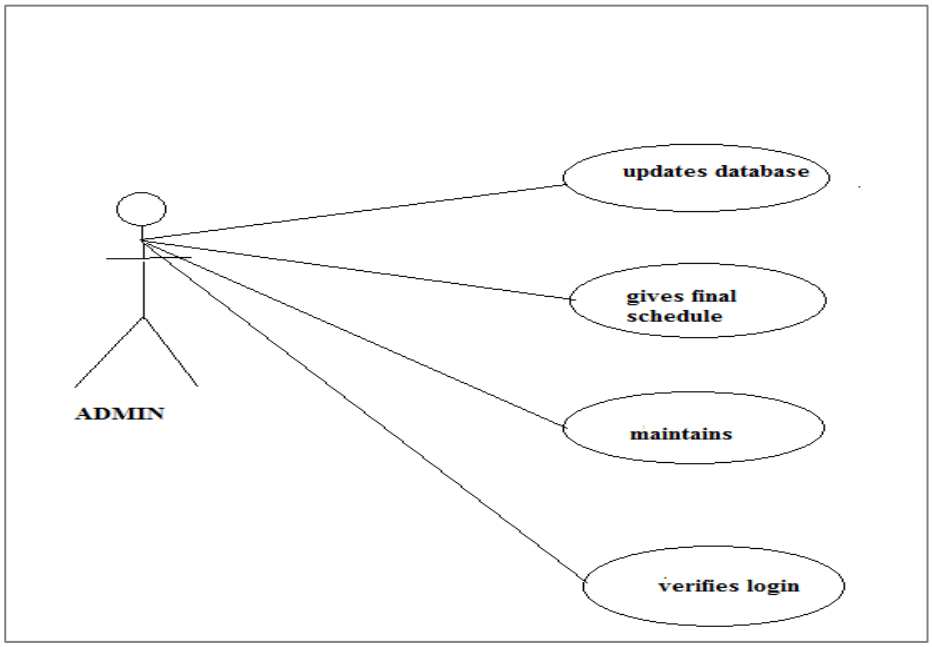
Usecase diagram for user:



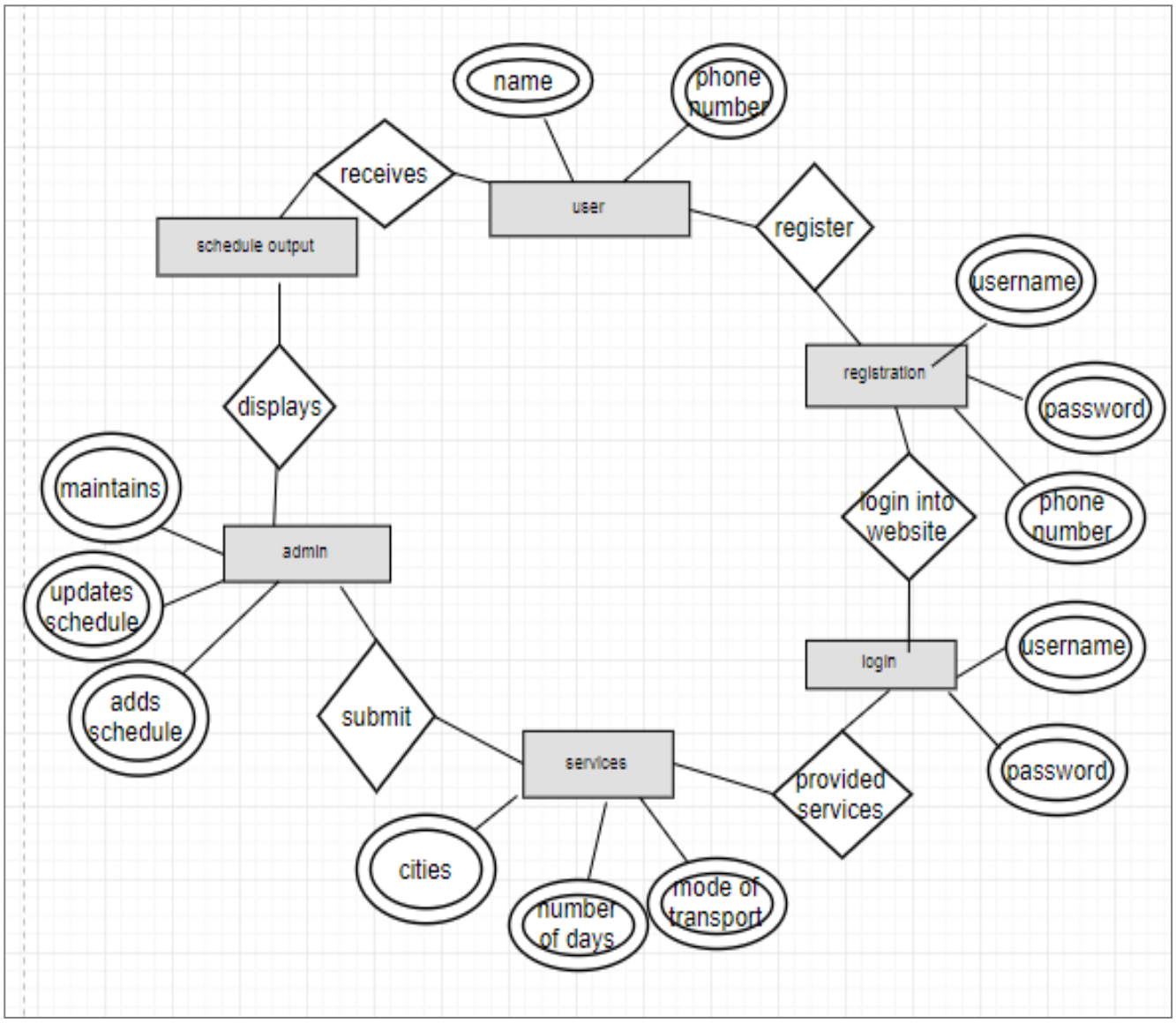
3.3.2. ADMIN MODULE:

Admin can login with his username and password into our ontology system. In this Admin can add package and view the requests from users / customers. Admin will provide the clear description of packages like name of package, package cost, all facilities of packages.

Use case diagram for admin:



4. DATABASE DESIGN



4.1 Database Tables

4.1.1. User table:

email	password	phone	login_count
rafae	1234567890	123	0
raw	qwertyuiop	9618083683	3
sarika	sarika	7897897894	15
test	test	9639639630	6

4.1.2. Contact table:

username	email	phone	message
madhuvarun	madhuvarun@gmail.com	8121282979	madhuvarun
madhuvarun	madhuvarun@gmail.com	8121282979	hi
rafae	rafae@gmail.com	8121282979	HELLO
ab	hh@gmail.com	0	h
poli	pol@gmail.com	8567890	lpoikj

5. IMPLEMENTATION

5.1 Source code structure

5.1.1. Folders:

- **Ben:**
  - It is the folder which contains all the files of the source city Banglore.
- **CSS:**
  - It is the folder that contains all the ".css" files that are created to provide styling to the website.
- **Img:**
  - It contains all the images that are used while coding the website.
- **Hotel:**
  - It is the folder which contains all the hotels of all cities.
- **Vendor:**
  - It contains all the files for the nav-bar
- **JS:**
  - It contains all the javascript files.
- **Hyd:**
  - It is the folder which contains all the files of the source city Hyderabad.
- **Mum:**
  - It is the folder which contains all the files of the source city Mumbai.

5.2 Program files and flowchart along with user manual:

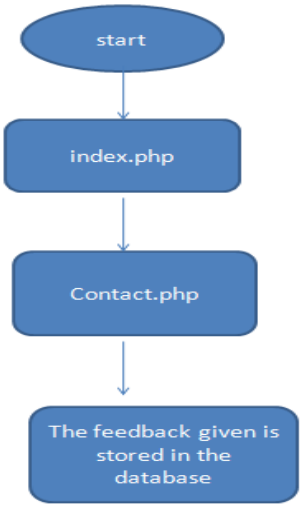
i. contact.php

Parameters: Name, Password, Email

It contains code for the users to give feedback.

This file makes the user to give his feedback about the services provided by our docket.

User Manual: User gives his feedback and then clicks send-------->feedback is been stored



contact.php

```php
<?php


$username = $_POST['username'];
$message = $_POST['message'];
$email = $_POST['email'];
$phone = $_POST['phone'];

$conn = mysqli_connect('localhost','localhost','','travel');

if(isset($username) && isset($message) && isset($email) && isset($phone) && ($username!="") && ($message!="") && ($phone!="") && ($email!=""))
{
    $query = "insert into feedback values('$username','$email','$phone','$message')";
    mysqli_query($conn,$query);
    header('Location: http://localhost/project/index.php?contact="feedback submitted"');
}
else
{
    echo "COME BACK LATER";
}


?>
```

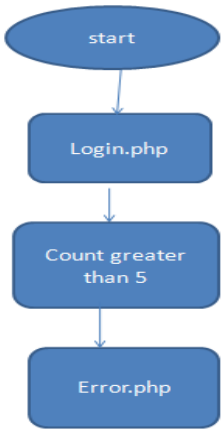
ii. error.php

Parameters: None

If the free use is over, it tells to pay.

This file gives the information about the number of times user logged in and if count is more than 5 then this file tells user to pay.

User Manual: Gets message for payment.



error.php

```
<html>
<?php

echo $_GET['message'];


?>


<h2>
<a href="pay.php">pay now</a>
</h2>
</html>
```

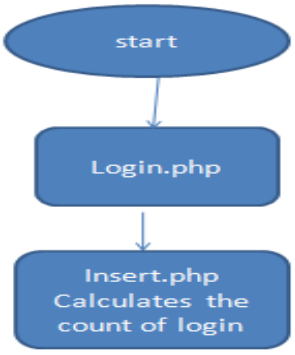
iii. insert.php

Parameters: Name, Password

It calculates the free count.

This file counts the number of times user logged into the system.

User Manual: counts the number of logins of user----------->redirected to payment.php



insert.php

```php
<?php
include_once "database.php";
$usr=$_REQUEST['usr'];
$pass=$_REQUEST['psw'];
echo "user name and password are".$usr."     ".$pass."</br>";

$sql = "select * from users where usr='".$usr."'";


if ($r1=mysqli_query($conn, $sql)) {

    if (mysqli_num_rows($r1) > 0) {
    // output data of each row
    while($row = mysqli_fetch_assoc($r1)) {
        echo "password: " . $row["psw"];
        if(!strcmp($pass,$row["psw"]))
        {
            echo "valid user name and passwords";
    }else{
        header('location:login.php');
    }

    }
} else {
    echo "Error: " . $sql . "<br>" . mysqli_error($conn);
}
}

mysqli_close($conn);
?>
```

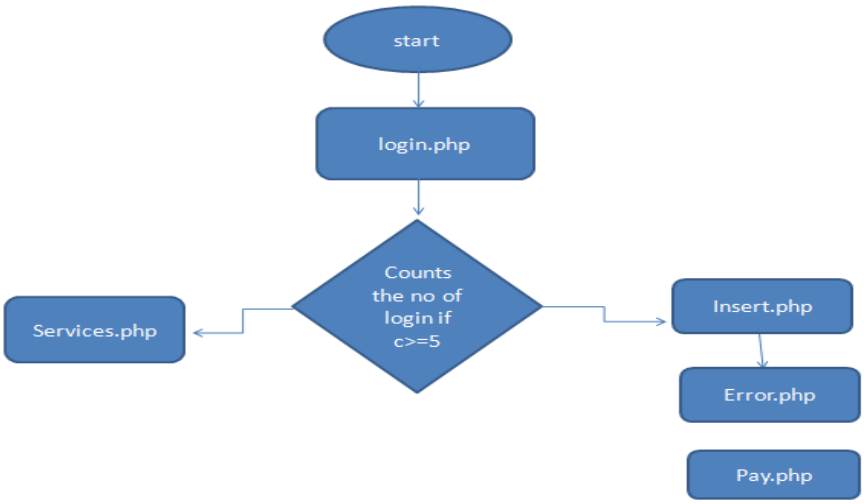
iv. pay.php

Parameters: None

It is to insert card number and pay.

This file will ask the user to insert his card details when the count of login is more than 5.

User Manual: if user will login more than 5 times--------->Payment has to be done



pay.php

```
1  <html>
2
3  <body>
4
5  <form action="http://www.paypal.com">
6
7  <input type="text" name="card" />
8  <input type="submit" value="submit" />
9  </form>
10
11 </body>
12
13
14 </html>
```

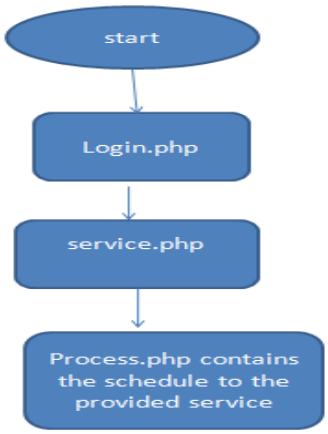
v. process.php

Parameters: Cities, Number of days, Mode of transport.

It contains all links to the Schedule.

This file based on the services which are chosen by the user will display the schedule.

User Manual: user after choosing services and clicks---------->Schedule is provided(page is redirected).



process.php

```php
<?php

$city =strtolower($_POST['city']);
$days = strtolower($_POST['days']);
$mode = strtolower($_POST['mode']);

echo "$city";
echo "$days";
echo "$mode";

if($city == 'hyderabad' && $days == '2-3' && $mode == 'road')
{
    header('Location: http://localhost/project/hyd/text1.html');
}
elseif($city == 'hyderabad' && $days == '2-3' && $mode == 'train')
{
    header('Location: http://localhost/project/hyd/text3.html');
}
elseif($city == 'hyderabad' && $days == '3-5' && $mode == 'road')
{
    header('Location: http://localhost/project/hyd/text5.html');
}
elseif($city == 'hyderabad' && $days == '3-5' && $mode == 'train')
{
    header('Location: http://localhost/project/hyd/text7.html');
}
elseif($city == 'mumbai' && $days == '2-3' && $mode == 'road')
{
    header('Location: http://localhost/project/mum/text9.html');
}
elseif($city == 'mumbai' && $days == '2-3' && $mode == 'train')
{
    header('Location: http://localhost/project/mum/text11.html');
}
```

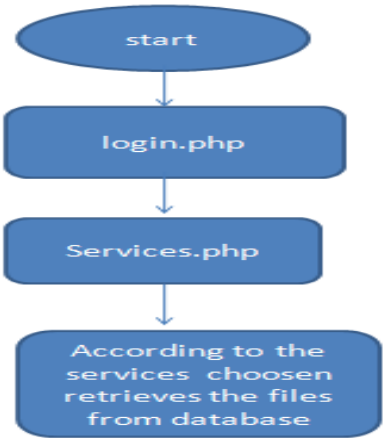
vi. services.php

Parameters: Email-id, Password, Cities, Number of days, Mode of transport

It contains page to redirect after successful login.

This file will provide the services of our docket after the successful login.

User Manual: user will choose the services provided according to him and clicks---->Select



services.php

```php
<?php

session_start();

$conn = mysqli_connect('localhost','localhost','','travel');
$temp = $_SESSION['username'];
$sql = "select * from users where email='$temp'";
$result = mysqli_query($conn,$sql);
$row = mysqli_fetch_array($result);

if($_SESSION['login_user'] != 'validated' || $row['login_count'] > 5)
    header('Location: http://localhost/project/error.php?message="It\'s time to pay"');

?>
```

services.php

```php
    <section id="services" class="bk">
        <div class="container">
            <div class="row" class="num">

                <div class="col-lg-12 text-center">
                    <h2 class="section-heading">Let's Get Started</h2>
                    <h3 class="section-subheading text-muted">Select From the following options.</h3>
                    <p TD style="FONT-SIZE:15px; COLOR:#000000; LINE-HEIGHT:20px; FONT-FAMILY:Arial,Helvetica,sans-serif">

                    <form action= "process.php" method="POST">
                    Source City :  <select name="city">
                <option selected disabled>Choose here</option>
                <option value="hyderabad">Hyderabad</option>
                <option value="mumbai">Mumbai</option>
                <option value="bengaluru">Bengaluru</option>
                </select><br><br>

                Number of Days : <select name="days">
                    <option selected disabled>Choose here</option>

                <option value="2-3">2-3</option>
                <option value="3-5">3-5</option>

                </select><br><br>
                Mode of Transport :  <select name="mode">
            <option selected disabled>Choose here</option>
            <option value="road">Road</option>
            <option value="train">Train</option>

                    </select><br><br>
            <button type="submit" value="Submit" class="btn btn-submit">Submit</button><br><br>

            </form>
                </div>
            </div>

        </div>
    </section>
```

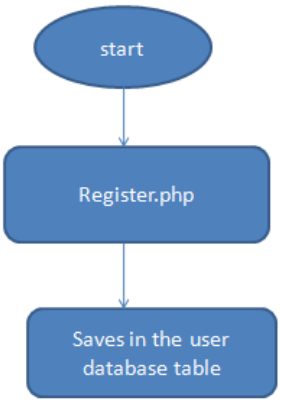
vii. register.php

Parameters: Name, Email-id, Password, Phone number

It contains code to validate the user details and save it in the database.

User Manual: user provides all the details and clicks-------->Register

This file will validate the user details and save them in the database.If user is registered then he can login into our system.



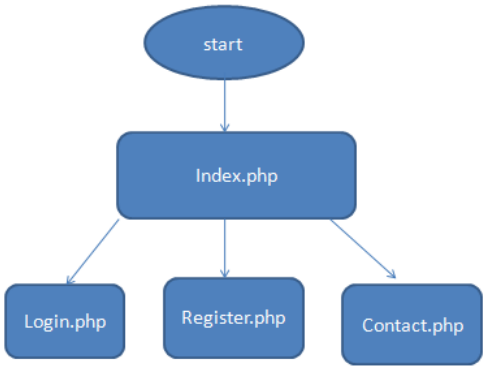
register.php

```php

session_start();

$password = $_POST['password'];
$email = $_POST['email'];
$phone = $_POST['phone'];

$conn = mysqli_connect('localhost','localhost','','travel');

if($conn)
{
    if(($password == '') || ($email == '') || ($phone == ''))
    {
        $query = "select * from users where email='$email' and password = '$password'";
        $result = mysqli_query($conn,$query);
        if(mysqli_num_rows($result) > 0)
        {
            header('Location: http://localhost/project/services.php/?$message="User already exists"');
        }
    }
    else
    {
        $query = "insert into users(email,password,phone) values('$email', '$password', '$phone')";
        $result = mysqli_query($conn,$query);
        if($result)
        {
            $_SESSION['login_user'] == 'validated';
            header('Location: http://localhost/project/?message="Registration succesful"');
        }
        else
            header('Location: http://localhost/project/?message="Registration Unsuccesful. Please Try Again"');
    }
}
else
{
    die("COme back later!");
}
```

viii. index.php

Parameters: None

It contains the source code for the landing page of the website.



index.php

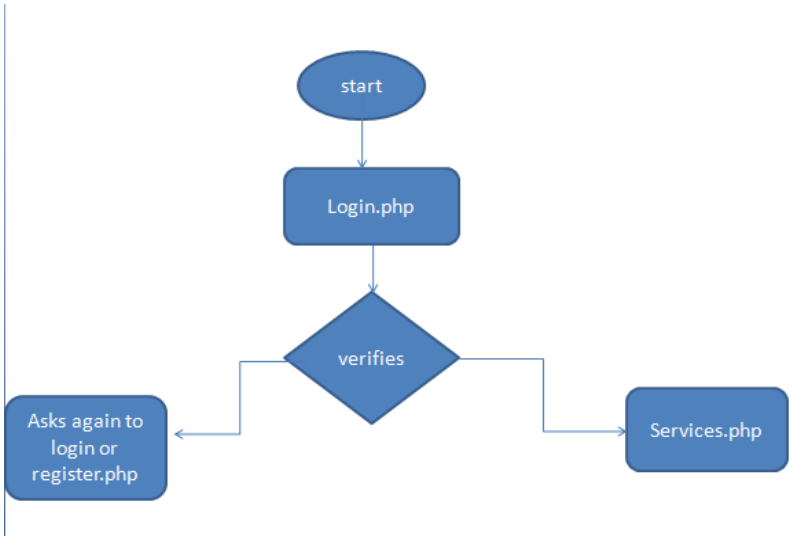
```
<body id="page-top" class="index">


    <nav id="mainNav" class="navbar navbar-default navbar-custom navbar-fixed-top">
        <div class="container">

            <div class="navbar-header page-scroll">
                <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">
                    <span class="sr-only">Toggle navigation</span> Menu <i class="fa fa-bars"></i>
                </button>

            </div>


            <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
                <ul class="nav navbar-nav navbar-right">
                    <li>
                        <a class="hidden" href="#page-top">Every journey Starts With A Plan....</a>
                    </li>
                    <li>
                        <a class="page-scroll" href="#about">About</a>
                    </li>

                    <li><a href="#" data-toggle="modal" data-target="#modal2" class="btn btn-blue">Sign In</a></li>
                    <li><a href="#" data-toggle="modal" data-target="#modal1" class="btn btn-blue">Register</a></li>
                    <li>
                        <a class="page-scroll" href="#contact">Contact</a>
                    </li>

                </ul>

            </div>

        </div>
```

ix. login.php

Parameters: Email-id, Password

After a user enters his/her details to login, this file checks whether the entered details are legit or not. If legit, the user logs in. Otherwise, he/she will be shown an error message.

User Manual: user enters email-id,Password and clicks---------->Login



login.php

```php
<?php

session_start();

$username = $_POST['email'];
$password = $_POST['password'];
$conn = mysqli_connect('localhost','localhost','','travel');
if($conn)
{
    if(isset($username) && isset($password) && ($username != '') && ($password != ''))
    {
        $query = "select * from users where email='$username' and password = '$password'";
        $result = mysqli_query($conn,$query);
        if(mysqli_num_rows($result) > 0)
        {

            $_SESSION['login_user'] = 'validated';
            $_SESSION['username'] = $username;
            $result = mysqli_query($conn,$query);
            $row = mysqli_fetch_array($result);
            $login_count = $row['login_count'] + 1;
            $sql = "UPDATE users SET login_count = '$login_count' where email='$username'";
            mysqli_query($conn,$sql);
            header('Location: http://localhost/project/services.php');
        }
        else
        {
            header('Location: http://localhost/project/?message="Login Unsuccesful. Please Try Again"');
        }
    }
}
else
{
    die("Come back later!");
}
```

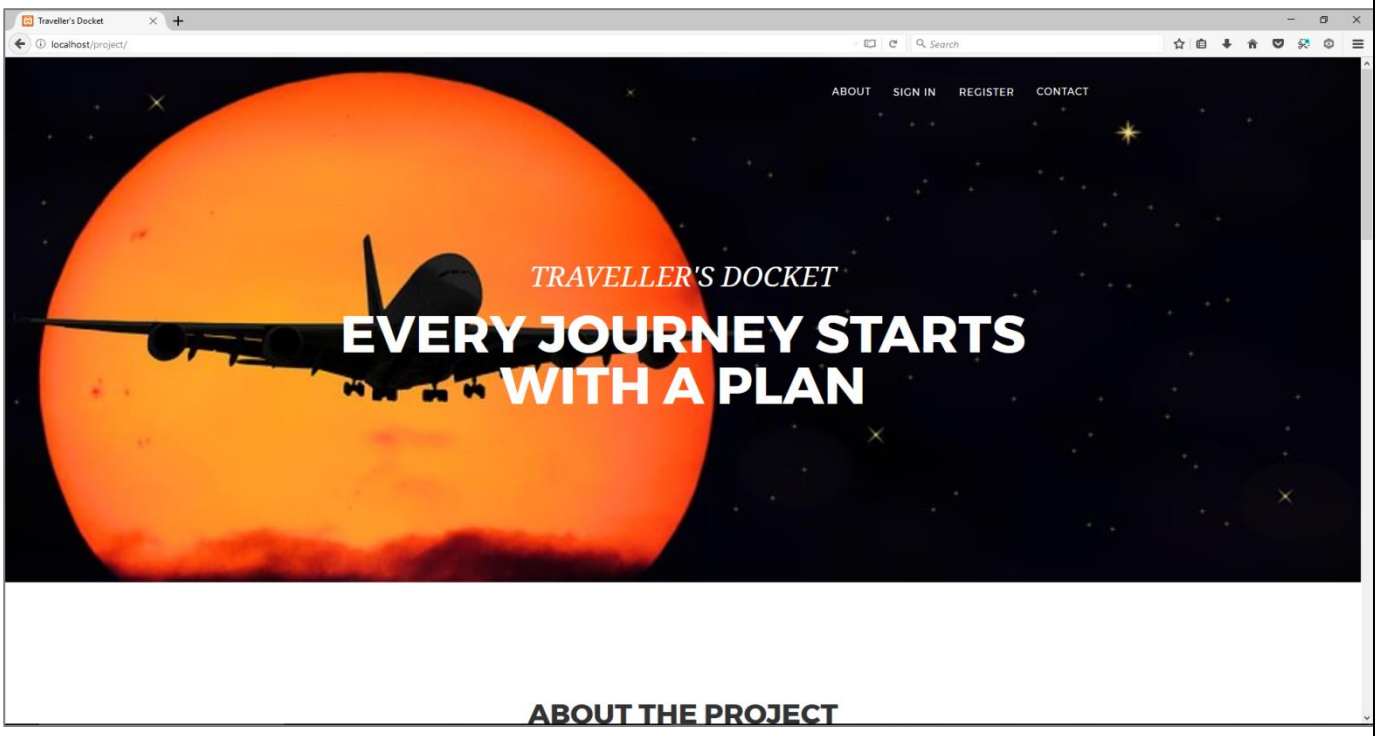
6. TESTING

Test Case ID	Test Case	Function being tested	Initial state	Input	Output	Status
1	Register	Accept Details	Welcome Page	Enter details	Registration successful	Successful
2	Login	Verify username and password	Welcome Page	Enter details	Services Page	Successful
3	Select Schedule	Verify Details	Services Page	Select details (Source city, Duration, Mode of transport.)	Schedule Page	Successful
4	Select Hotel	Verify city	Services page	Select details (City)	Hotels with Rating	Successful
5	Payment	Count working	Welcome Page	Enter Details	Redirection to PayPal	Successful

7. SCREEN SHOTS

i. Homepage:

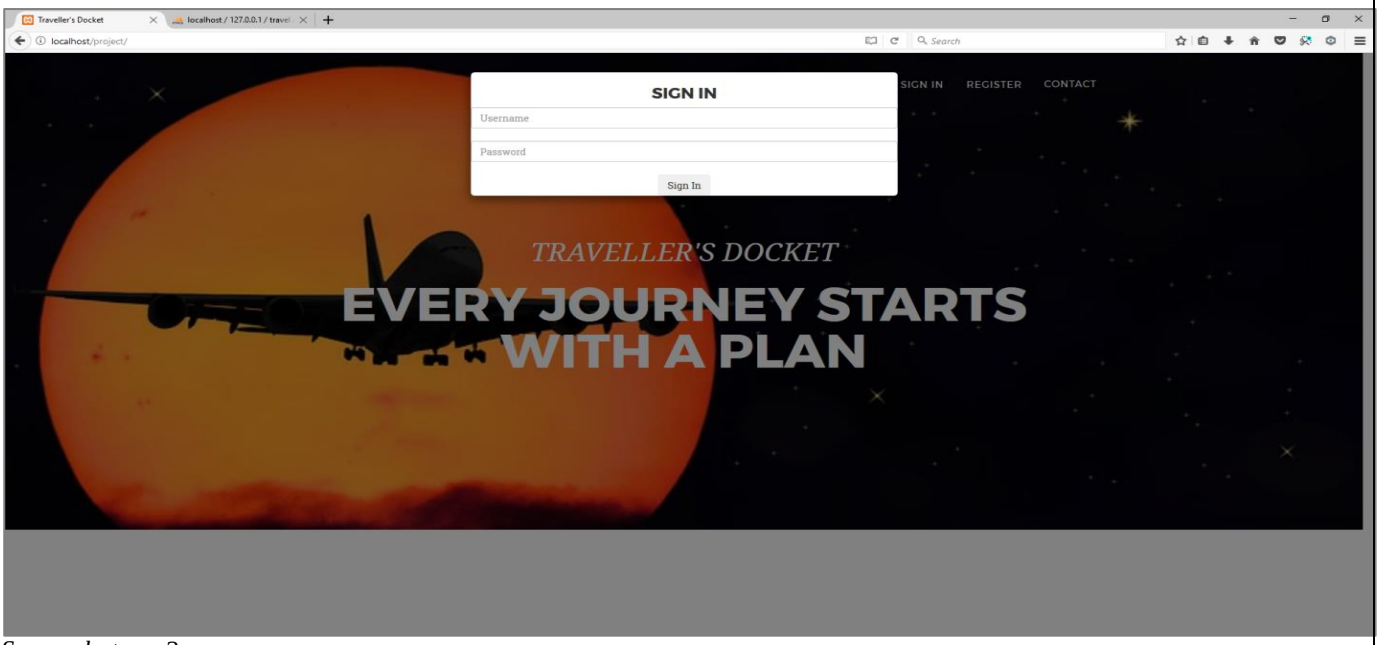
The homepage of the website allows you to login if you are a member and also allows you to register otherwise.



Screenshot.no. 1

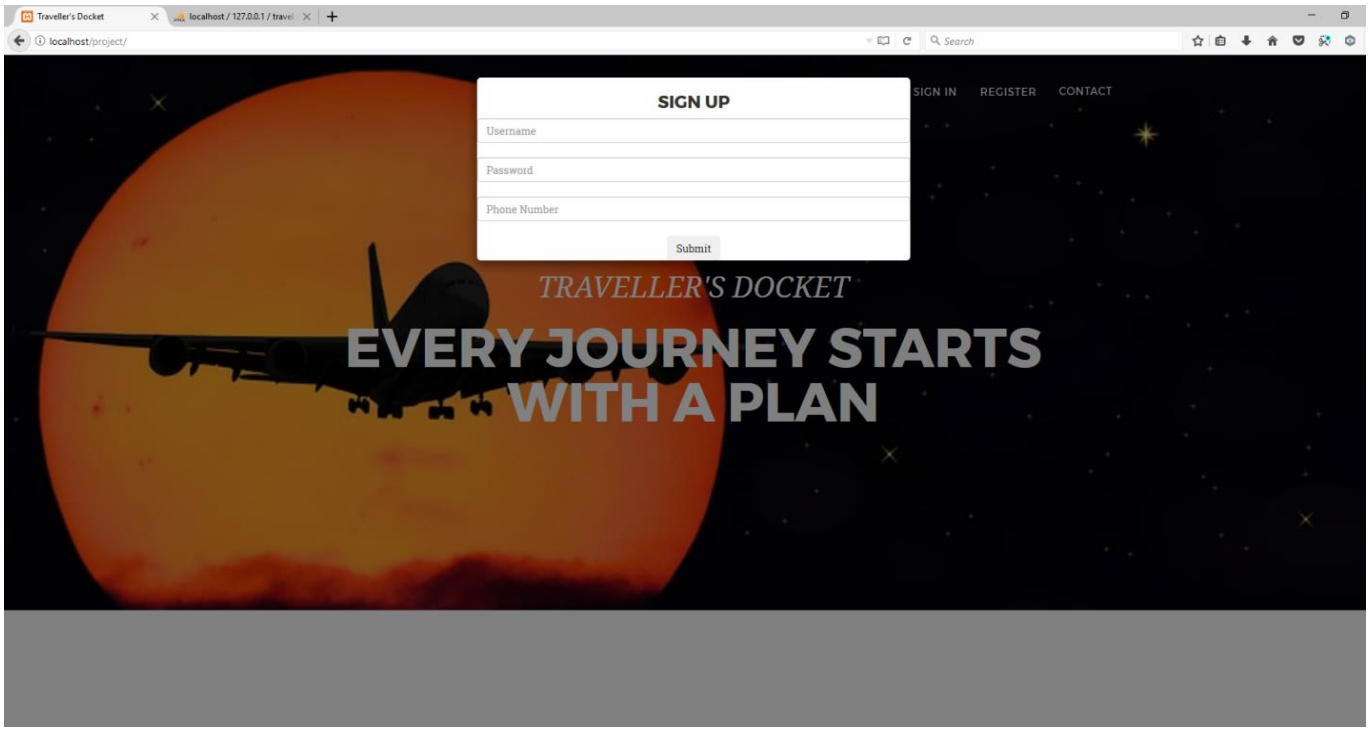
ii. Login and Register:

The user can login by entering his user id and password.



Screenshot.no. 2

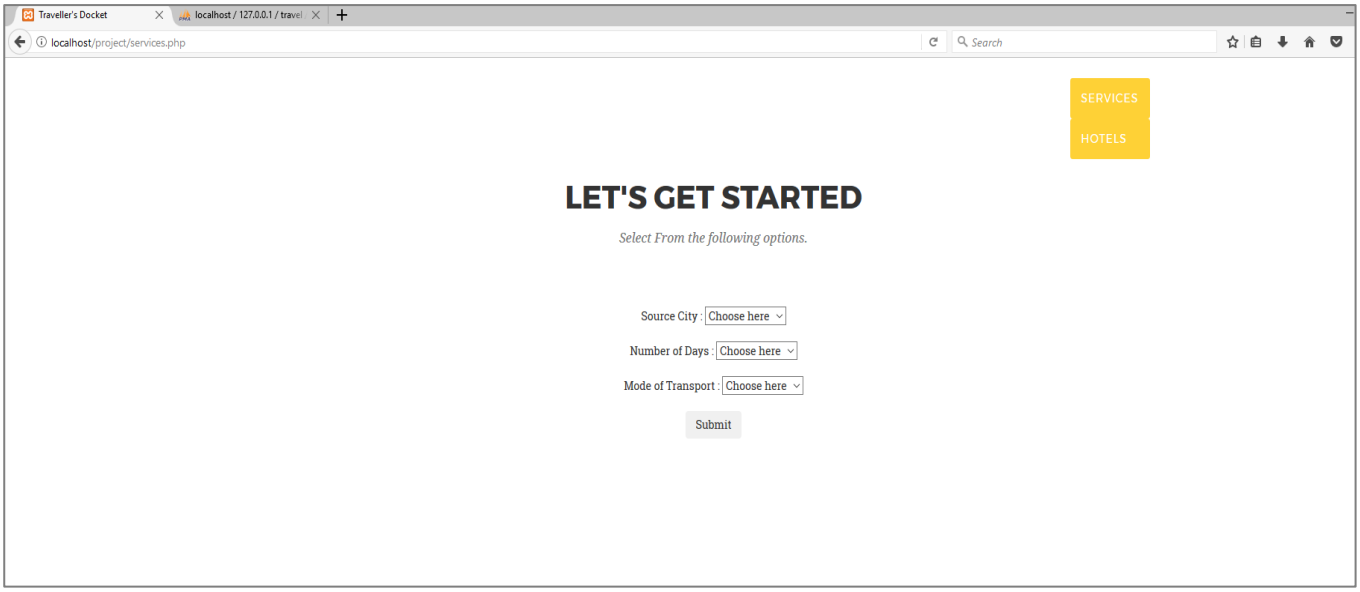
The user can register with us by giving his credentials like his username, email-id, and mobile number.



Screenshot.no. 3

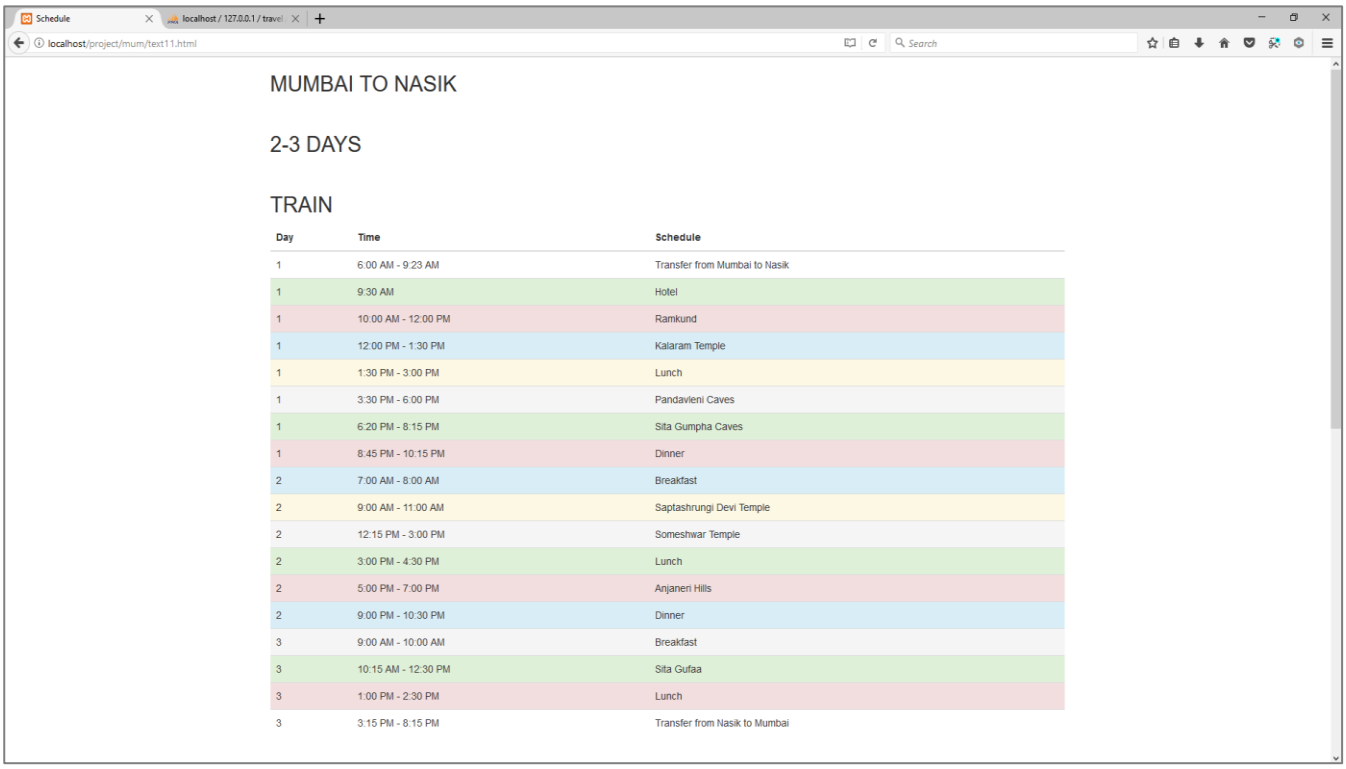
iii. Service Page:

Enter the source city, mode of transport and days of travel.



Screenshot.no. 4

Select the Desired Destination and schedule.

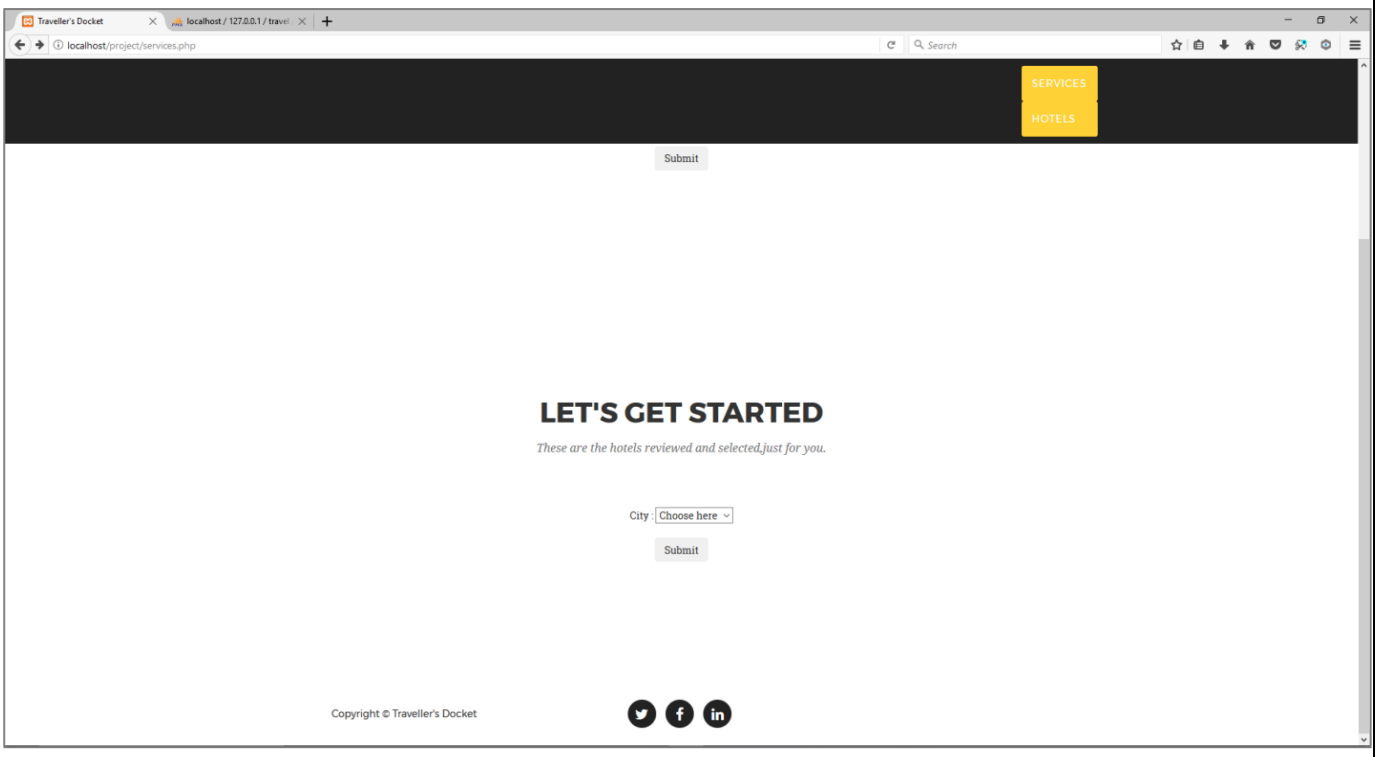


Day	Time	Schedule
1	6:00 AM - 9:23 AM	Transfer from Mumbai to Nasik
1	9:30 AM	Hotel
1	10:00 AM - 12:00 PM	Ramkund
1	12:00 PM - 1:30 PM	Kalaram Temple
1	1:30 PM - 3:00 PM	Lunch
1	3:30 PM - 6:00 PM	Pandavleni Caves
1	6:20 PM - 8:15 PM	Sita Gumpha Caves
1	8:45 PM - 10:15 PM	Dinner
2	7:00 AM - 8:00 AM	Breakfast
2	9:00 AM - 11:00 AM	Saptashrungi Devi Temple
2	12:15 PM - 3:00 PM	Someshwar Temple
2	3:00 PM - 4:30 PM	Lunch
2	5:00 PM - 7:00 PM	Anjaneri Hills
2	9:00 PM - 10:30 PM	Dinner
3	9:00 AM - 10:00 AM	Breakfast
3	10:15 AM - 12:30 PM	Sita Gufaa
3	1:00 PM - 2:30 PM	Lunch
3	3:15 PM - 8:15 PM	Transfer from Nasik to Mumbai

Screenshot.no. 5

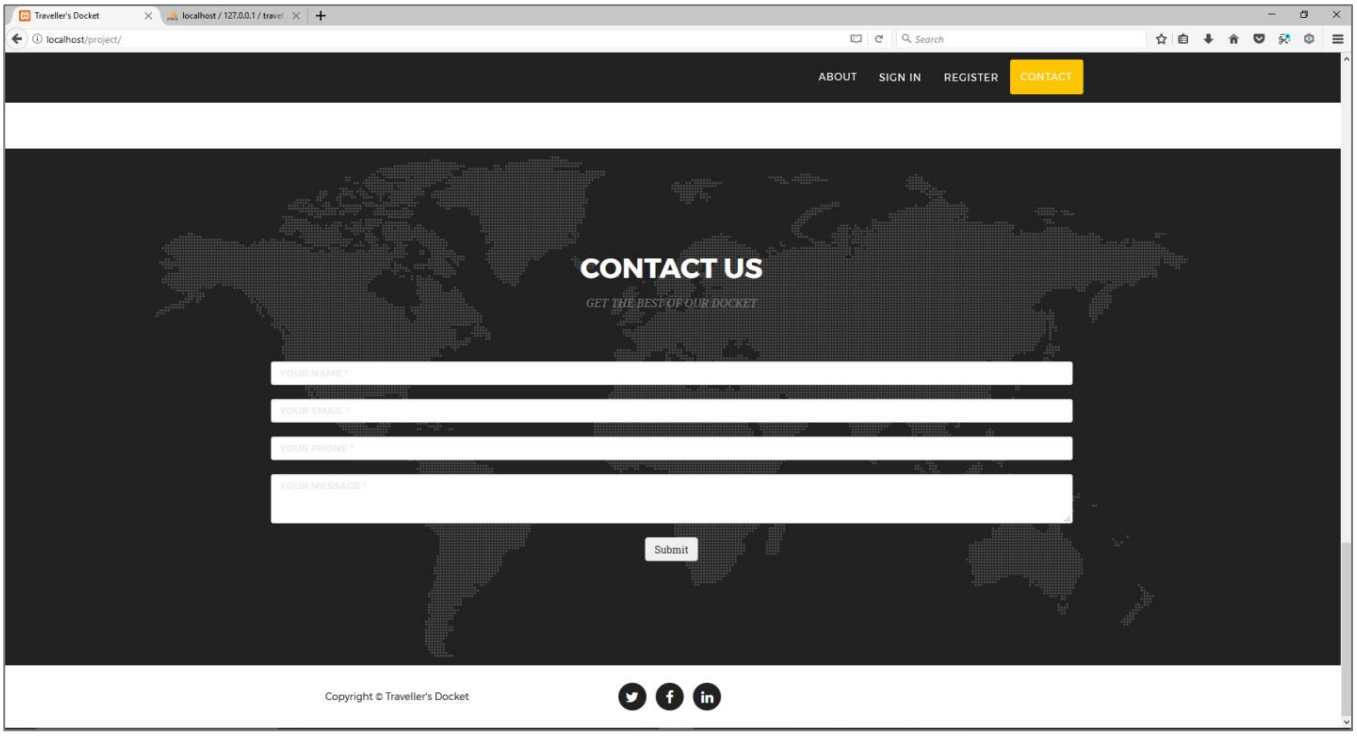
iv. Hotels:

Select the Desired City. The output is Hotels with budget and Rating



Screenshot.no. 6

v. Contact page:



Screenshot.no. 7

8. DEPLOYMENT

Deployment diagrams are a set of nodes and their relationships. These nodes are physical entities where the components are deployed. Deployment diagrams are used for visualizing deployment view of a system. This is generally by the deployment team. Deployment diagrams are used for describing the hardware components where software components are deployed. Deployment diagrams are used by the system engineers.

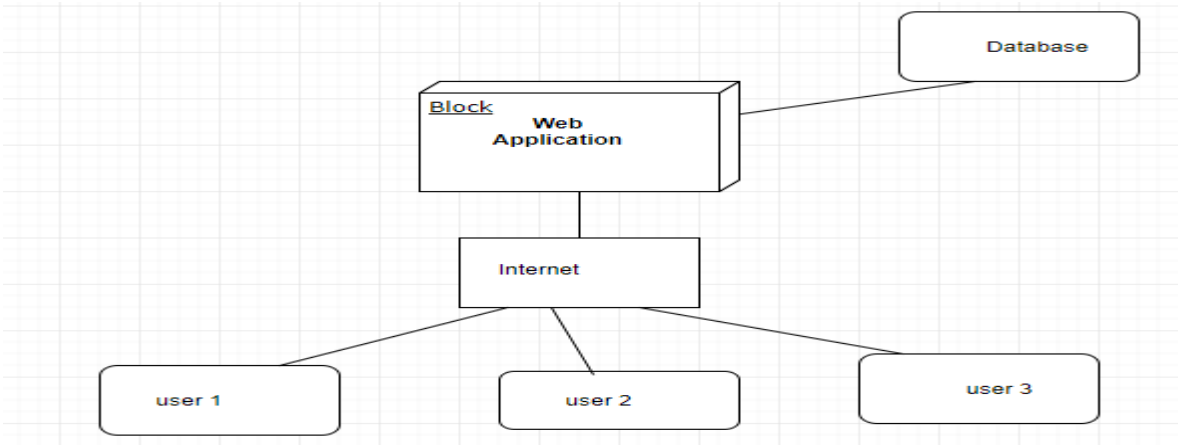
The purpose of deployment diagram can be described as:

- Visualize hardware topology of a system.
- Describe runtime components used to deploy software components.
- Describe runtime processing nodes.

Deployment diagrams also controls the following parameters

- Performance
- Scalability
- Maintainability
- Portability

DEPLOYMENT DIAGRAM:



9. CONCLUSION AND FURTHER ENHANCEMENTS

This website enables a user to search for a destination of holiday and can select the source city according to one's requirements by using multiple filters (viz. name of the source, mode of transport, the number of days). This website then provides him with a list of destinations with schedule so that anyone can select the destination and also know the exact schedule. They can also select any city and will be provided the list of hotel choices according to budget and rating.

Our further enhancement to the website would be that the user is enabled to book travel and hotel booking online. To provide a cost effective schedule with a clear comparison of prices of hotel and mode of transport. To enable a feedback response learning schedule mechanism. To provide a schedule with best rated hotels.