

Travel and Tour Website

PROJECT REPORT

Submitted in fulfilment for the J-Component of CSE3002 – Internet and Web Programming

CAL COURSE

in

B.Tech. (Computer Science)

by

PUNEET PUROHIT - (20BCE0191)

LOKESH REDDY – (20BCE0943)

ANUJ SRIVASTAVA – (20BCI0269)

SHWETANSHU SHEKHAR LAL – (20BCI0220)

JAYANTH T – (20BCE0967)

Under the guidance of

Prof. Jayakumar Sadhasivam

SCOPE



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(Deemed to be University under section 3 of UGC Act, 1956)

SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

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Abstract

The Tour and Travel website will provide the users to explore different destinations and plan their itinerary. The portal also provides gallery view of scenic spots of the destinations. Our portal also has a unique and fresh design of home page to make the users more interactive

There are custom made packages to help user to explore more travel options, the user would fill the request form will capture all important info like email, name, contact, etc at the time of booking.

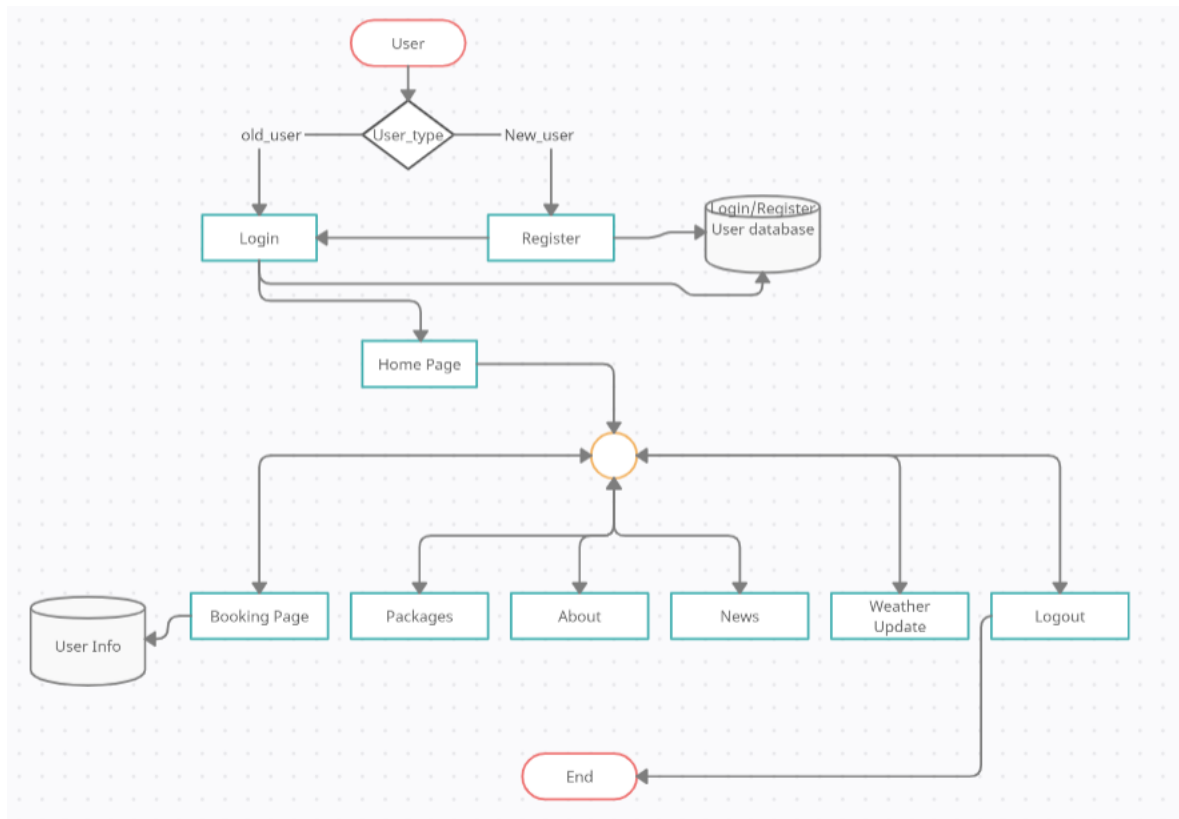
Introduction

We are in 21st century, where there is rapid growth in smart mobile technology offering billions of applications. There are some good travel apps available for android, iOS, windows phone, which help in great extent and make life easy and happy. Our application will help people from different location of world to do hassle free payment, booking or enquire a package event for travelling to the registered places within very less time period. Tourists are more attached towards the cultural diversity of different countries around the globe. Each tradition symbolizes the flavour and aura of the place. Facilities like adding packages, customer bookings for the packages, customer enquiry, customer registration payment, SMS alert, & receipt generation functionalities are available.

Problem Statement

- There are several packages available for a travel system on the web. In order to select the best package to certain destination, there is no efficient recommendation system available.
- To overcome this problem, we are coming up with Travel Package Recommendation System where you can select the best package.
- In this project, there are two types of users, one is Admin, and another is Office User.
- An Admin logs into his account, and his role is to add, edit, and delete packages. And also, can provide recommendations accordingly.
- An Office User logs in and provides personalized inputs (tourist, packages, and events) to the system and the best package that is available on web which will be presented to the user.
- Dedicated Office User may browse packages & deal with customers.
- This application is designed for the customers to get a good journey & get good memories.
- Keep customer details of past 4 years and intimate them about the packages in upcoming packages of upcoming years where post implementation review plays a vital role.
- Currently the travel website not provide all the facilities/functionalities at a single platform. Whereas our application enables user to see reviews, book holidays, view gallery, suggest places to visit, news related to tourism, weather of places before visit, etc other features and providing great user experience.

Process flow diagram



Modules

1) Login Page

The user needs to login, if first time/new user then he/she should register and then login. Using php sessions and mysql the login part is implemented.

2) Home Page

The first page visible after user logs in, it's the landing page for our website, it includes some dynamic texts and animations for user engagement. Also, it contains some small parts defining our services like packages we provide, customer reviews and contact us details. For dynamic text and animations swiper JavaScript and CSS has been used, different CDN have been used for

3) About Page

Page contains information about the website, brief description about services provided, making it more attractive using HTML, CSS and google fonts for text styling and some CSS.

4) Booking

This page contains a form, that user needs to submit, by filling his/her details for availing our services and booking holiday packages. Grid view and javascript has been used for displaying packages. The form contains fields like name, contact details, number of guests, city, country, arrival and departure dates, etc.

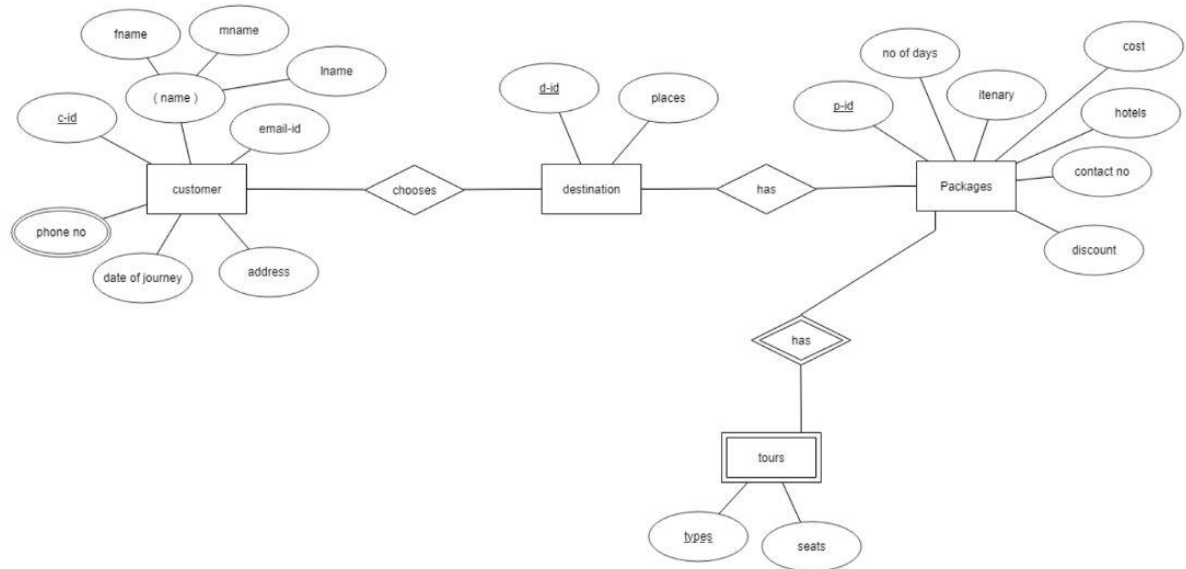
5) News Update

We also provide live news feeds related tourism which changes dynamically every 2-3 hours News API has been used for getting the data in json format then parsing it and displaying results using html and css for the same.

6) Weather Update

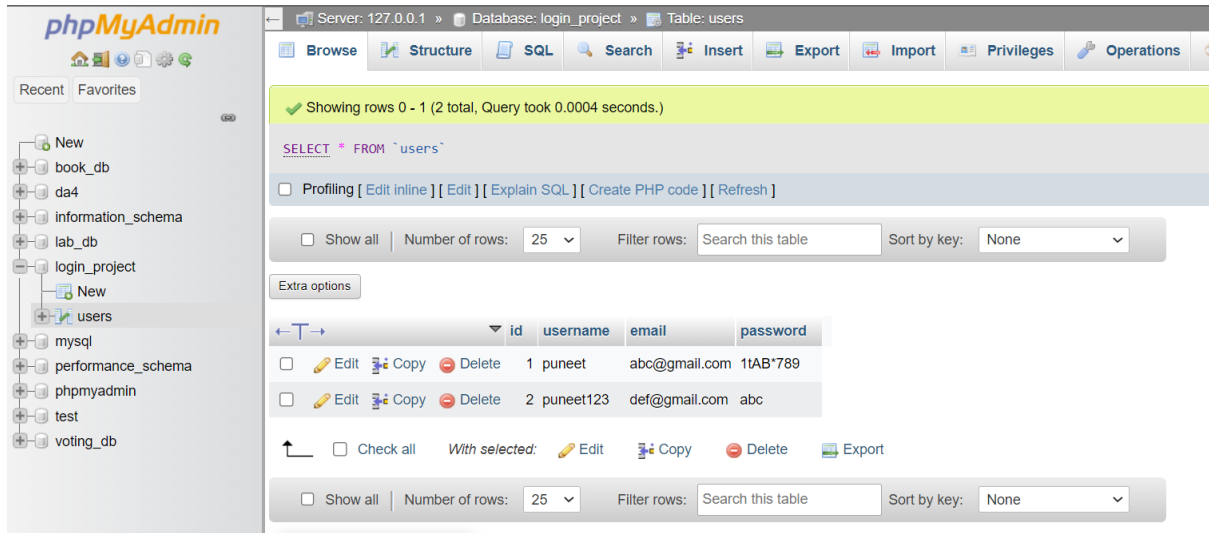
Live weather forecast using OpenWeather API, allows user to check current weather forecast of different cities or places,

ER Diagram



Database Design

Database for user login and new user registration.



Server: 127.0.0.1 » Database: login_project » Table: users

Showing rows 0 - 1 (2 total, Query took 0.0004 seconds.)

```
SELECT * FROM `users`
```

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

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

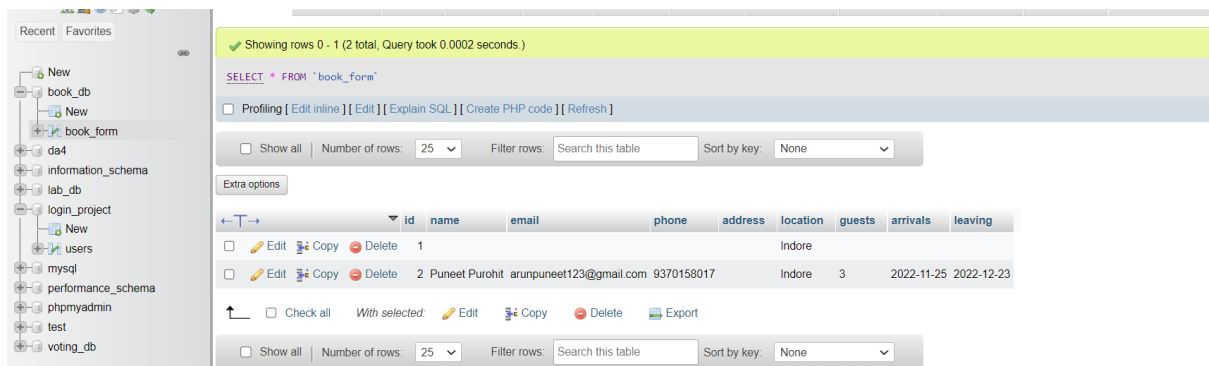
Extra options

	id	username	email	password
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	puneet	abc@gmail.com	1tAB*789
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	puneet123	def@gmail.com	abc

☐ Check all | With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Booking database for storing user details for booking purpose.



Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

```
SELECT * FROM `book_form`
```

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

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	id	name	email	phone	address	location	guests	arrivals	leaving
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1					Indore			
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	Puneet Purohit	arunpuneet123@gmail.com	9370158017		Indore	3	2022-11-25	2022-12-23

☐ Check all | With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Conclusion

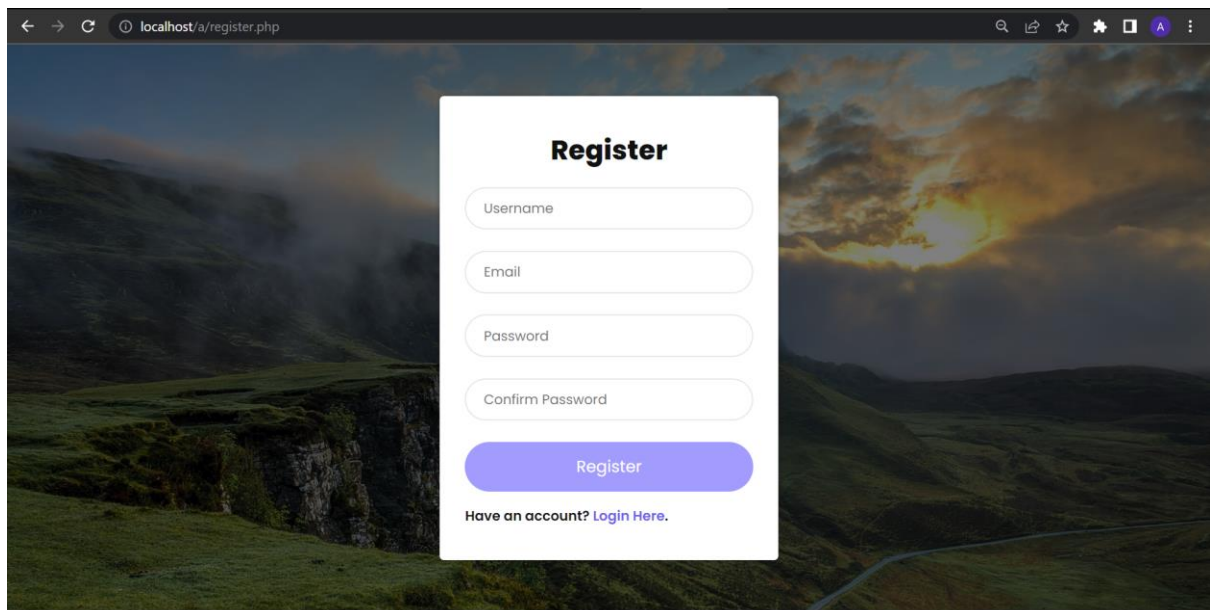
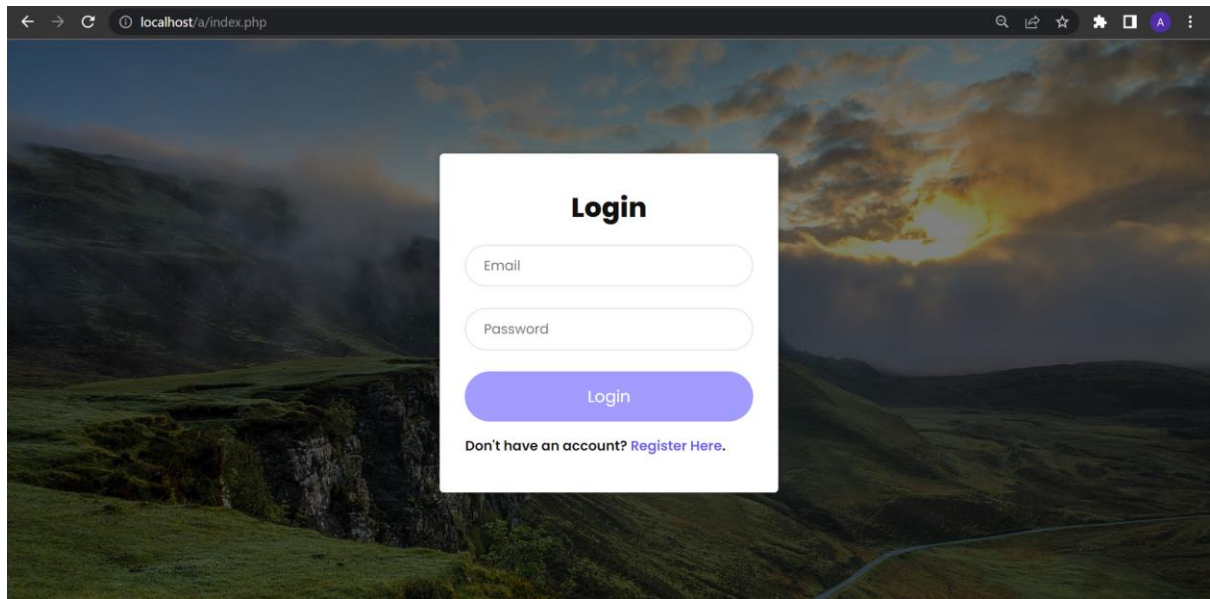
The user can select the best package in short amount of time (instead of navigating to other websites). Finally, the goal of the project is to make an efficient system which is effective in terms of cost and time. The project 'Travel Package Management System' is developed to replace the currently existing system, which helps in keeping records of the customer, details of destination as well as payment received. The application also provides features like live news updates and current weather forecast, to keep the user more engaged and also attract towards the website due to some intuitiveness.

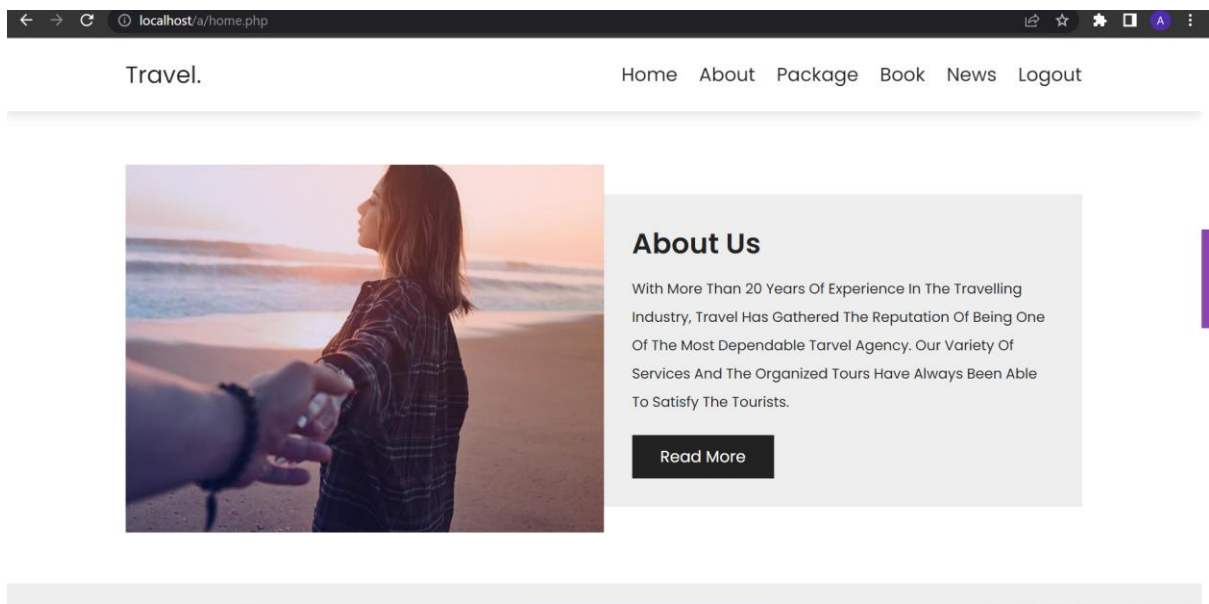
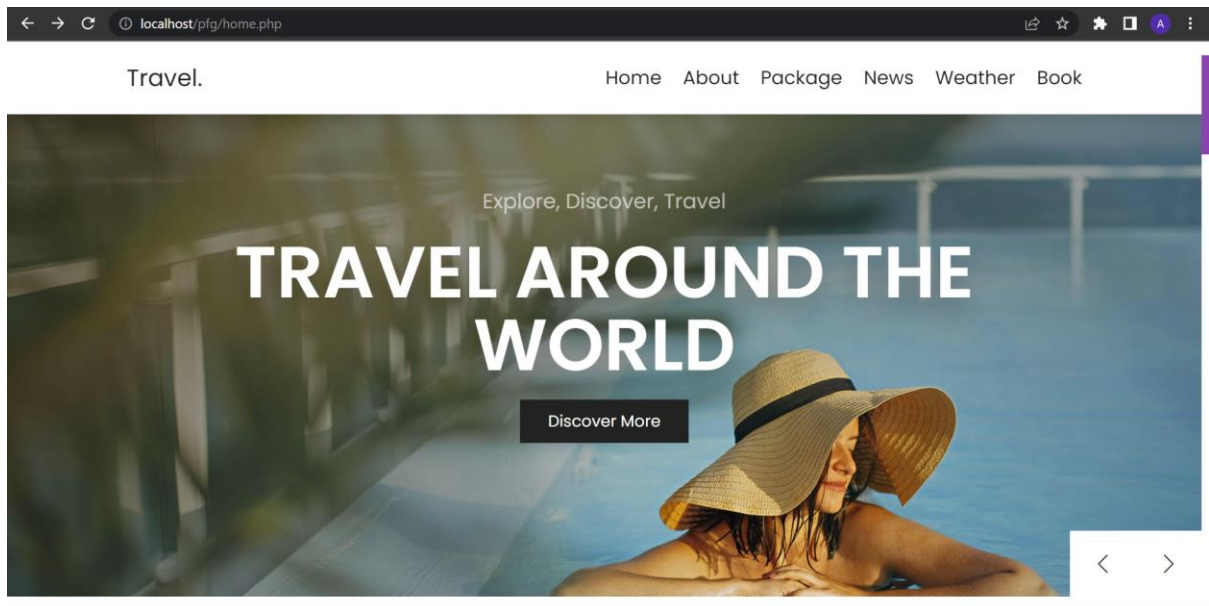
This project is useful for the manager of the company as it helps them to search the data faster than existing system, to get customer record easily and report of the customer, payment, etc are generated as per requirement. Usually emails, SMS alerts are the case that seems to be effective communication i.e. necessary to initiate, clarify, and finalize a travel request. The most vital concern of the client for the customers is that it has implemented an efficient cost-conscious culture. By using this recommendation approach the flaws of the existing as it performs much better than traditional techniques.

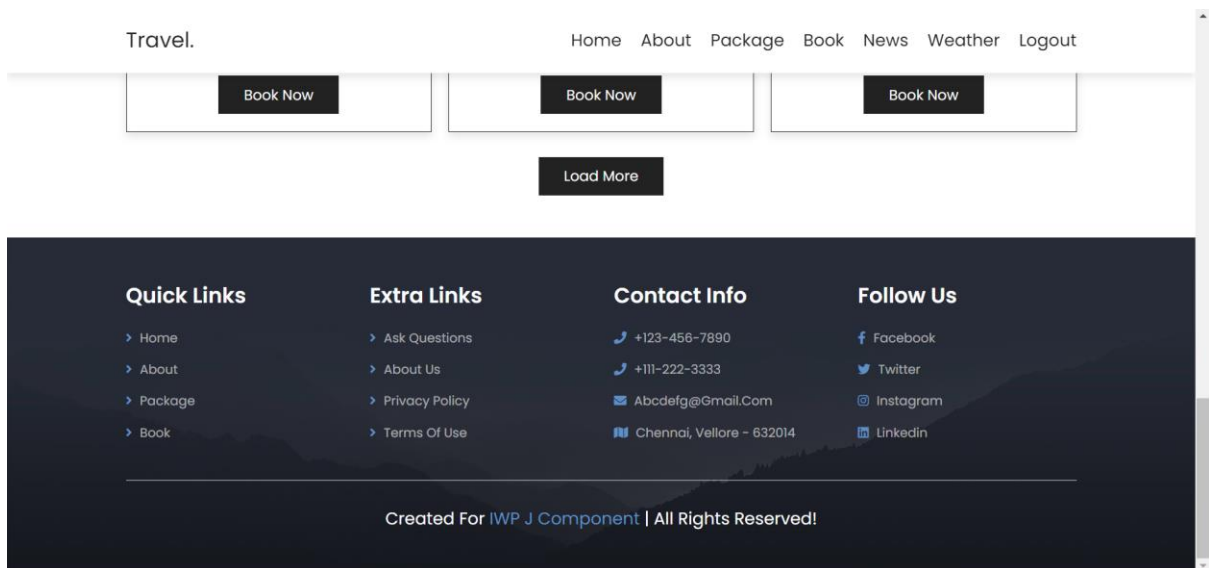
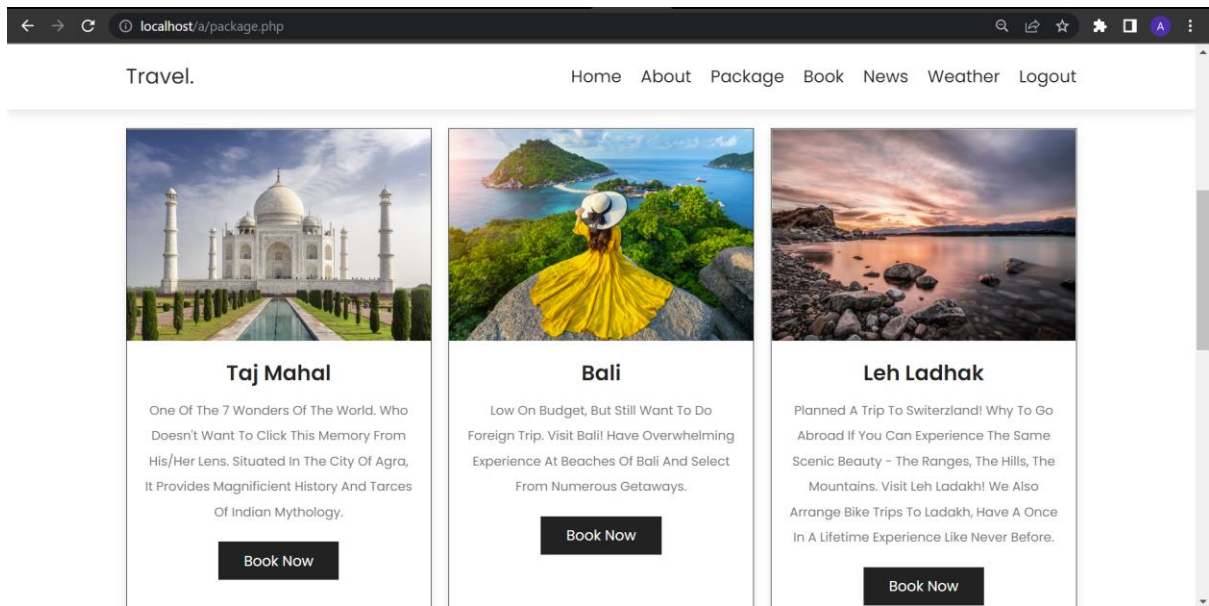
References

- [1] Q. Liu, E. Chen, H. Xiong, Y. Ge and Z. Li, "A Cocktail approach for Travel Package Recommendation System," 2014.
- [2] L. Zheng and Y. Tian, "Studying on the Development of Chinese E-Tourism from the View of Consumers," 2009.
- [3] I. Y. Choi, J. K. Kim and Y. Ryu, "A Two-Tiered Recommender System for Tourism Product Recommendations".

Screenshots







localhost/a/book.php

Travel. Home About Package Book News Weather Logout

BOOK NOW

BOOK YOUR TRIP!

Name :	E-Mail:	Contact Details :
<input type="text" value="Enter Full Name"/>	<input type="text" value="Enter E-mail"/>	<input type="text" value="Enter Phone Number"/>
Country :	Destination :	Total Memembers :
<input type="text" value="Enter country"/>	<input type="text" value="Place To Visit"/>	<input type="text" value="Number Of Guests"/>
Arrivals :	Leaving :	

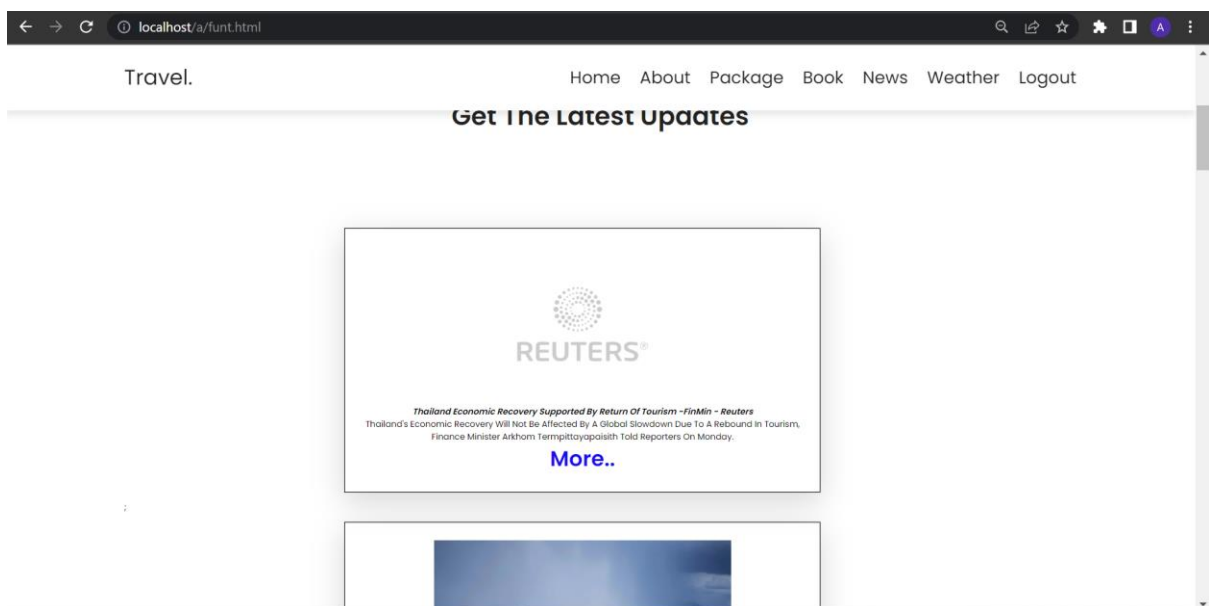
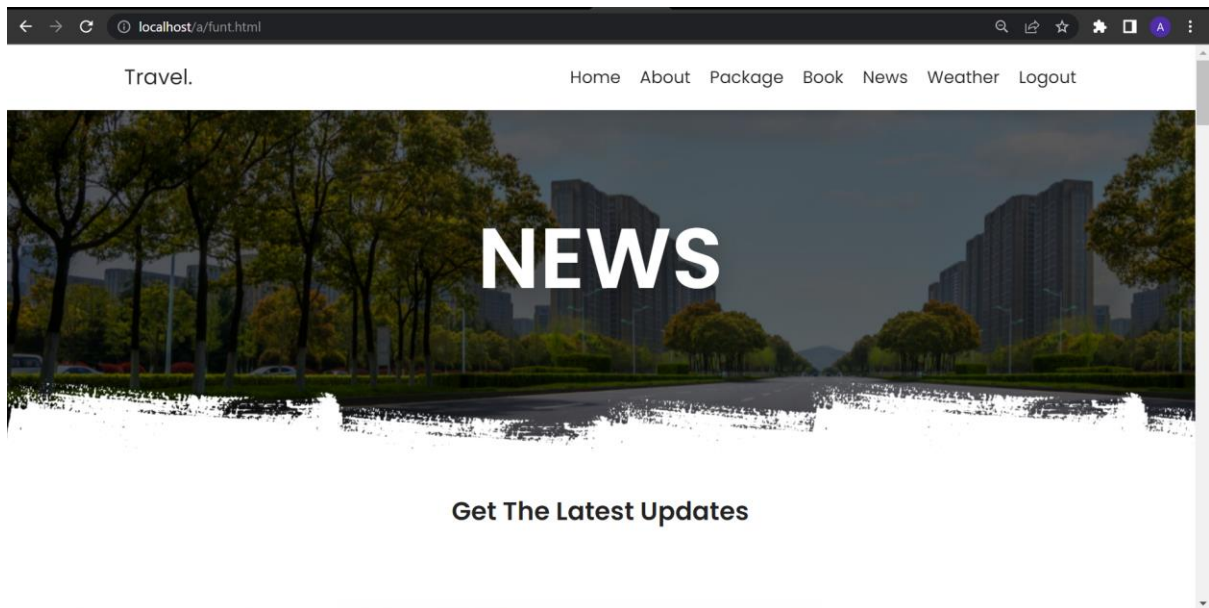
localhost/a/book.php

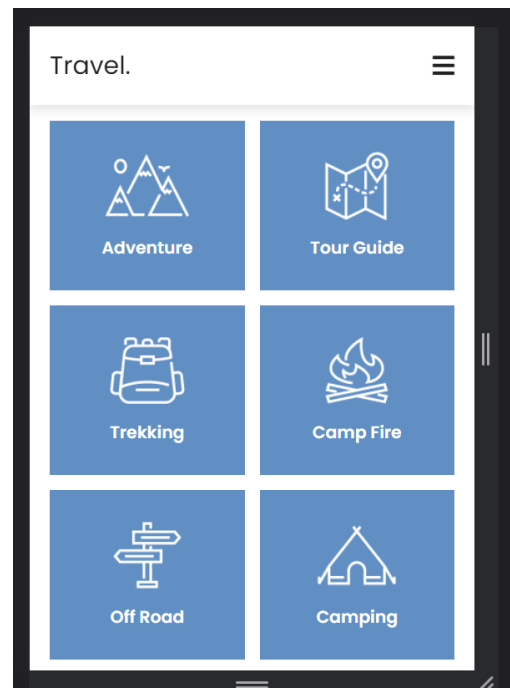
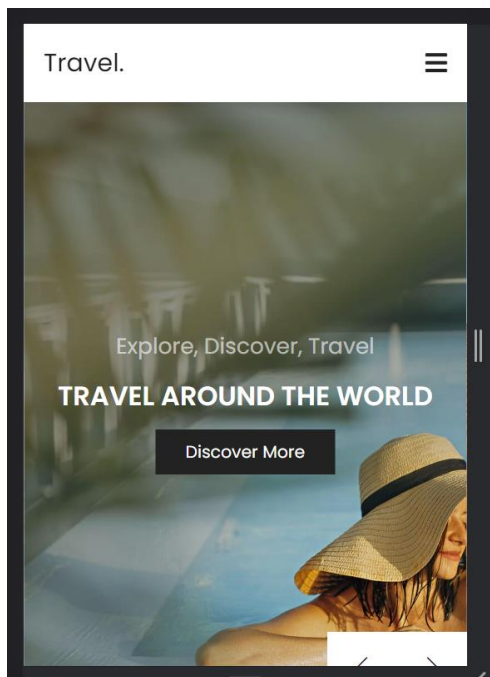
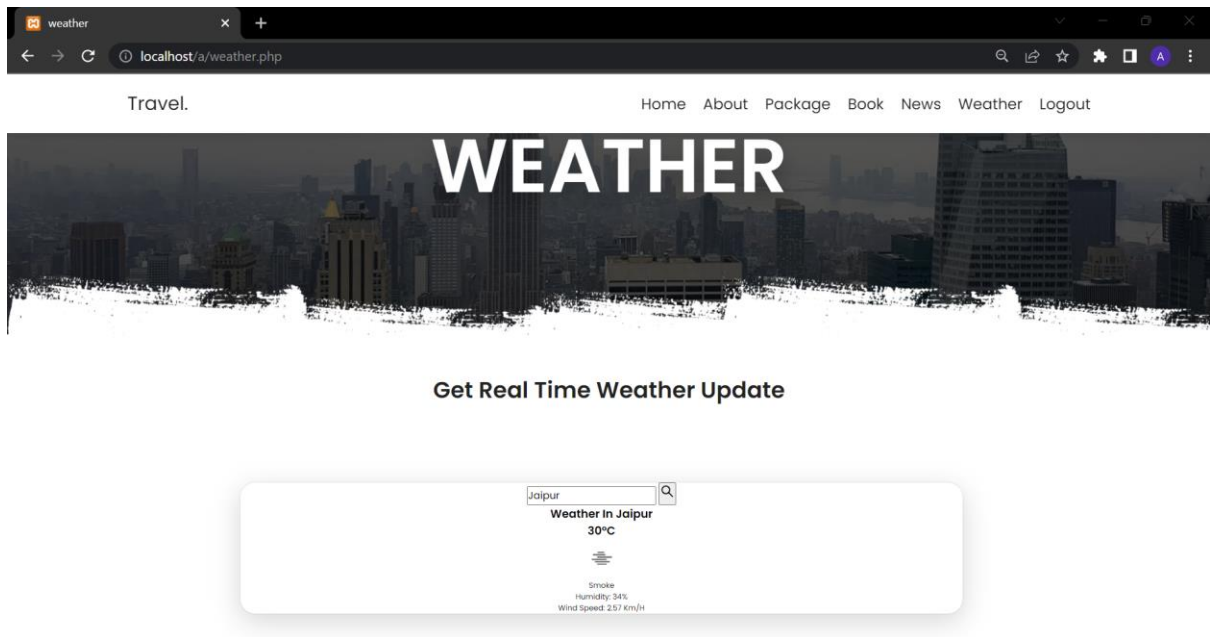
Travel. Home About Package Book News Weather Logout

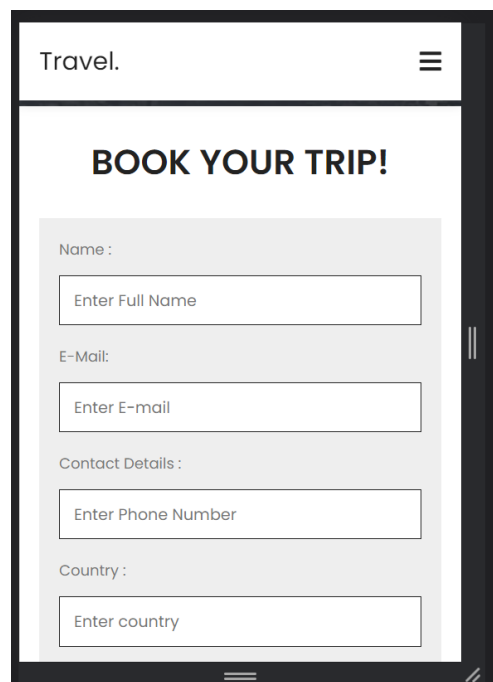
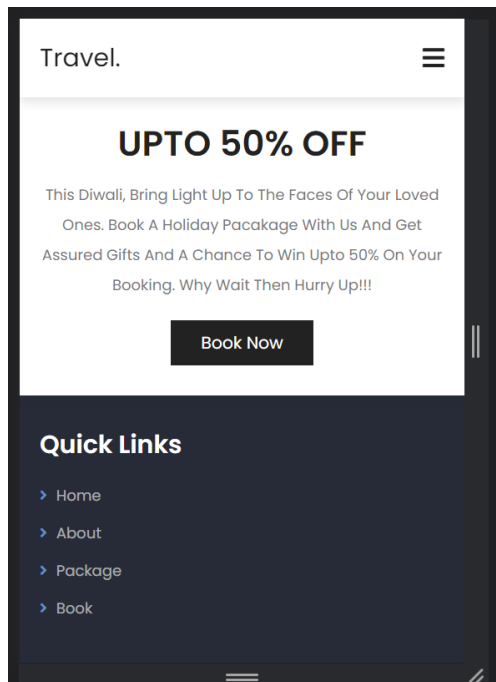
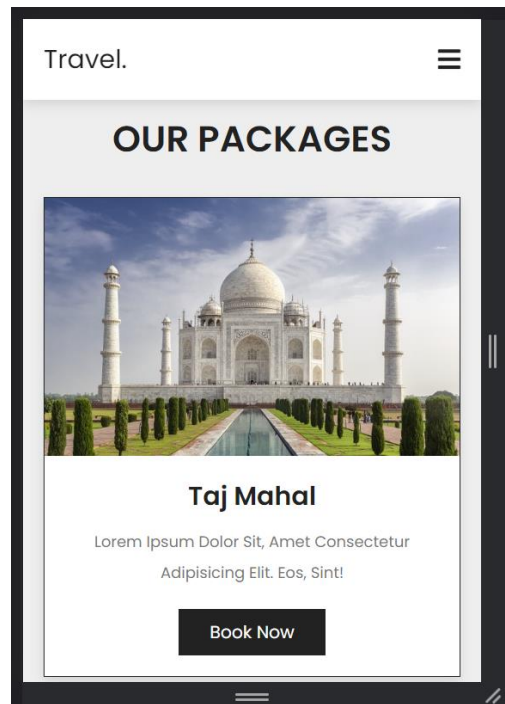
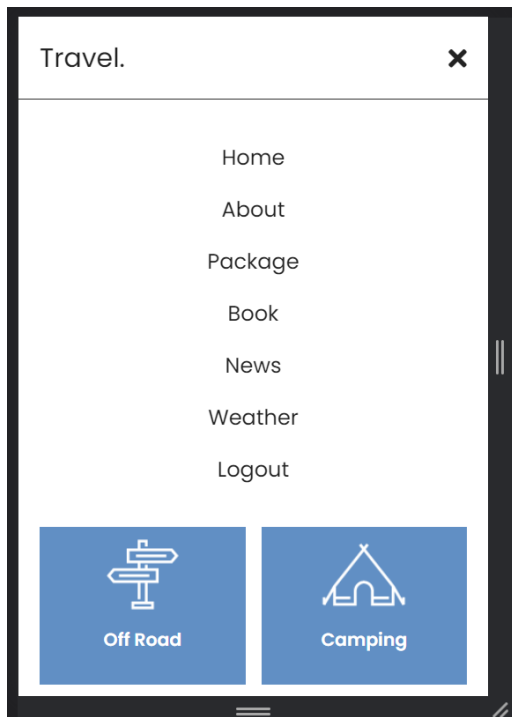
BOOK YOUR TRIP!

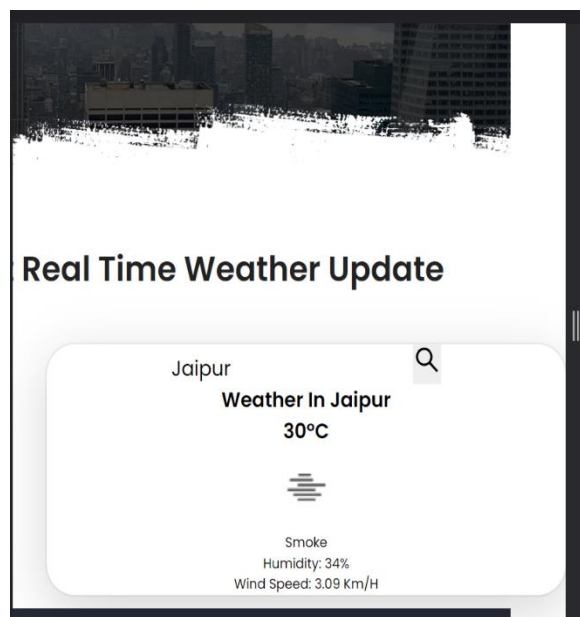
Name :	E-Mail:
<input type="text" value="Puneet Purohit"/>	<input type="text" value="arunpuneet123@gmail.com"/>
Contact Details :	Country :
<input type="text" value="9370158017"/>	<input type="text" value="India"/>
Destination :	Total Memembers :
<input type="text" value="Indore"/>	<input type="text" value="3"/>
Arrivals :	Leaving :
<input type="text" value="25-11-2022"/>	<input type="text" value="23-12-2022"/>

Submit









Source Code

HTML

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>home</title>

  <link rel="stylesheet" href="https://unpkg.com/swiper@7/swiper-bundle.min.css" />

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.4/css/all.min.css">

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

  <link rel="stylesheet" href="css/home.css">

  <link rel="stylesheet" href="css/final.css">

</head>

<body>

<section class="header">

  <a href="home.php" class="logo">travel.</a>

  <nav class="navbar">

    <a href="home.php">home</a>

    <a href="about.php">about</a>

    <a href="package.php">package</a>

    <a href="book.php">book</a>

    <a href="funt.html">News</a>

    <a href="funt.html">weather</a>
```

```

    <a href="logout.php">Logout</a>

</nav>

<div id="menu-btn" class="fas fa-bars"></div>

</section>

```

CSS

```

@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;400;500;600&display=swap');

:root{

    --main-color:#598EC2;

    --black:#222;

    --white:#fff;

    --light-black:#777;

    --light-white:#fff9;

    --dark-bg:rgba(0,0,0,.7);

    --light-bg:#eee;

    --border:.1rem solid var(--black);

    --box-shadow:0 .5rem 1rem rgba(0,0,0,.1);

    --text-shadow:0 1.5rem 3rem rgba(0,0,0,.3);

}

*{

    font-family: 'Poppins', sans-serif;

    margin:0;

    padding:0;

    box-sizing: border-box;

    outline: none;

```

```
text-decoration: none;
text-transform: capitalize;
}
```

```
html{
  font-size: 62.5%;
  overflow-x: hidden;
}
```

```
section{
  padding:5rem 10%;
}
```

```
@keyframes fadeIn {
  0% {
    transform: scale(0);
    opacity: 0;
  }
}
```

```
.heading{
  background-size: cover;
  background-position: center;
  padding-top: 10rem;
  padding-bottom:15rem;
  display: flex;
  align-items: center;
```

```

    justify-content: center;
}

```

JavaScript

```

async function news(){

    let parseData;

    let url
    ="https://newsapi.org/v2/everything?q=tourism&apiKey=efc51d75ddc8402e9ebe9192b1df1390";

    let data = await fetch(url);

    parseData = await data.json();

    let total=parseData.totalResults;

    for(var i=0;i<12;i++){

    let div=document.createElement('div');

    div.class="cardnews";

    div.innerHTML='<div class="card" style="padding:20px; margin:10px;"><img src=""
class="img1" class="card-img-top" alt="..."><b><i><u><p
class="tt"></p></u></i></b><span class="des"></span><a href="" class="anc"
target="_blank" style="text-decoration:none"><p style="font-size:25px;font-
weight:bolder">More..</a></div>';

    document.querySelector("#news").appendChild(div);

    document.getElementsByClassName("tt")[i].innerHTML=parseData.articles[i].title;

    document.getElementsByClassName("img1")[i].src=parseData.articles[i].urlToImage;

    document.getElementsByClassName("des")[i].innerHTML=parseData.articles[i].description.
slice(0,200);

    document.getElementsByClassName("anc")[i].href=parseData.articles[i].url;

    document.getElementsByClassName("img1")[i].style.maxWidth="350px";

    document.getElementsByClassName("img1")[i].style.maxHeight="240px";

    }
}

```

```
}
```

PHP

```
<?php
```

```
include 'connectionToDB.php';
```

```
session_start();
```

```
error_reporting(0);
```

```
if (isset($_SESSION['username'])) {
```

```
    header("Location: home.php");
```

```
}
```

```
if (isset($_POST['submit'])) {
```

```
    $email = $_POST['email'];
```

```
    $password = $_POST['password'];
```

```
    $sql = "SELECT * FROM users WHERE email='$email' AND  
password='$password'";
```

```
    $result = mysqli_query($conn, $sql);
```

```
    if ($result->num_rows > 0) {
```

```
        $row = mysqli_fetch_assoc($result);
```

```
        $_SESSION['username'] = $row['username'];
```

```
        header("Location: home.php");
```

```
    } else {
```

```
        echo "<script>alert('Woops! Email or Password is Wrong.*)</script>";
```

```
    }
```

```
}
```

```
?>
```