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Introduction

Tour Management Project is a dynamic website for the tourism business. It is a dynamic and responsive web design. It is also called a travel technology solution for agencies & tour operations. Nearly everyone goes on vacation for this a tour management project would play a vital role in planning the perfect trip. The tour management project allows the user of the project to access all the details such as weather, location, events, etc. The main purpose is to help tourism companies to customers and hotels etc. The project can also be used for both professional and business trips. The proposed project maintains a centralized repository to make necessary travel arrangements and to retrieve information easily. visitors, analyzing trends, target marketing, and CRM. Indus a Global has introduced a software project for this purpose, called solution provides customers with consulting services such as Forms and Survey Design, Process Design and Re-engineering, and Workflow Optimization. The same software development corporation has produced a semi-intelligent project, called the Visit Trends. The Visit Trends solution provides decision-makers with the ability to slice and dice data, analyze trends, and profile visitors demographically and psycho-graphically. Visit Trends is using machine learning and data mining techniques to guide tourists.

|. REQUIREMENT ANALYSIS

Scope

Tour Management Project is an integrated software developed for tour operating companies. The main aim of this project is to help the tourism companies to manage their customers, vehicles, and agents. It makes all

operations of the tour companies easy and accurate. This platform makes tourism management easy by handling agencies' requests & providing servers for the customers located in different parts of the various cities and states. Different modules have been incorporated into this project to handle different parts and sectors of the tour management field.

Objective

The Tour Management project is a web-based application and maintains a centralized repository of all related information. The objective of this project is to develop a project that automates the process and activities of travel agencies and customer details. The purpose is to design a project using which can perform all operations related to traveling and sight-seeing.

Project Outcomes

There are some objectives and outcomes has each project. So, my project has some outcomes and objectives. These objectives are given below briefly.
● This Project will provide to connect directly Customers and agents through the internet.
● This Project provides facilities to modify and delete tourist's data as well as client data.
● This Project provides some social media links.
● This Project provides information about our country's tour packages.
● This Project maintains and controls the database of tourism's information.
● This Project also provides the 95% correct estimate of your tour regarding time and cost.
● This Project displays attractive tourist places.
● This Project will provide display platform where a tourist can find their tour places according to their choice.
● This Project also helps to develop tourism with different cultures so that they enrich the tourist experience and build pride.
Finally, I can say that this project will provide easy and efficient work for the agency

Limitations of the project

The present projects are inadequate in providing information and advice to the customers about tour plans. Often agencies are compiled to rely on local information sources and count on their own experience regarding

time and cost. Through phone calls they get information. These are some problems which are existing in my project those are given below: -
● There will be many users visiting the portal and hence we require a strong and reliable frontend that can withhold the users on our site.
● we need a strong database whereas data will be the store of everyone.

||. <u>ANALYSIS PHASE</u>

Requirements

The Tour Management Project is a web-based application. The main purpose of the "Tour Management Project" is to provide a convenient and easy way for customers to fulfill their requirements related to tour purposes. Requirements are:-

1. **Operating System-windows**
2. **Runtime Environment- Angular 8**
3. **Front End- HTML, CSS, BOOTSTRAP, JAVASCRIPT, NODE JS, TYPESCRIPT**
4. **Back End- MONGO DB**
5. **Editor- VISUAL STUDIO CODE, ATOM**

Web Browser- GOOGLE CHROME

Project Develop Languages

There are two kinds of languages have used in the "Tour Management Project". One is Programing Language and the Other is Database language. Front End, I have Used HTML, CSS, BOOTSTRAP, JAVASCRIPT, NODE JS, TYPESCRIPT & Back End, I have used MONGO DB

 # Programing Language & Mark-up Language: HTML, JAVASCRIPT
 # Designing and Colour Script Language: CSS, BOOTSTRAP
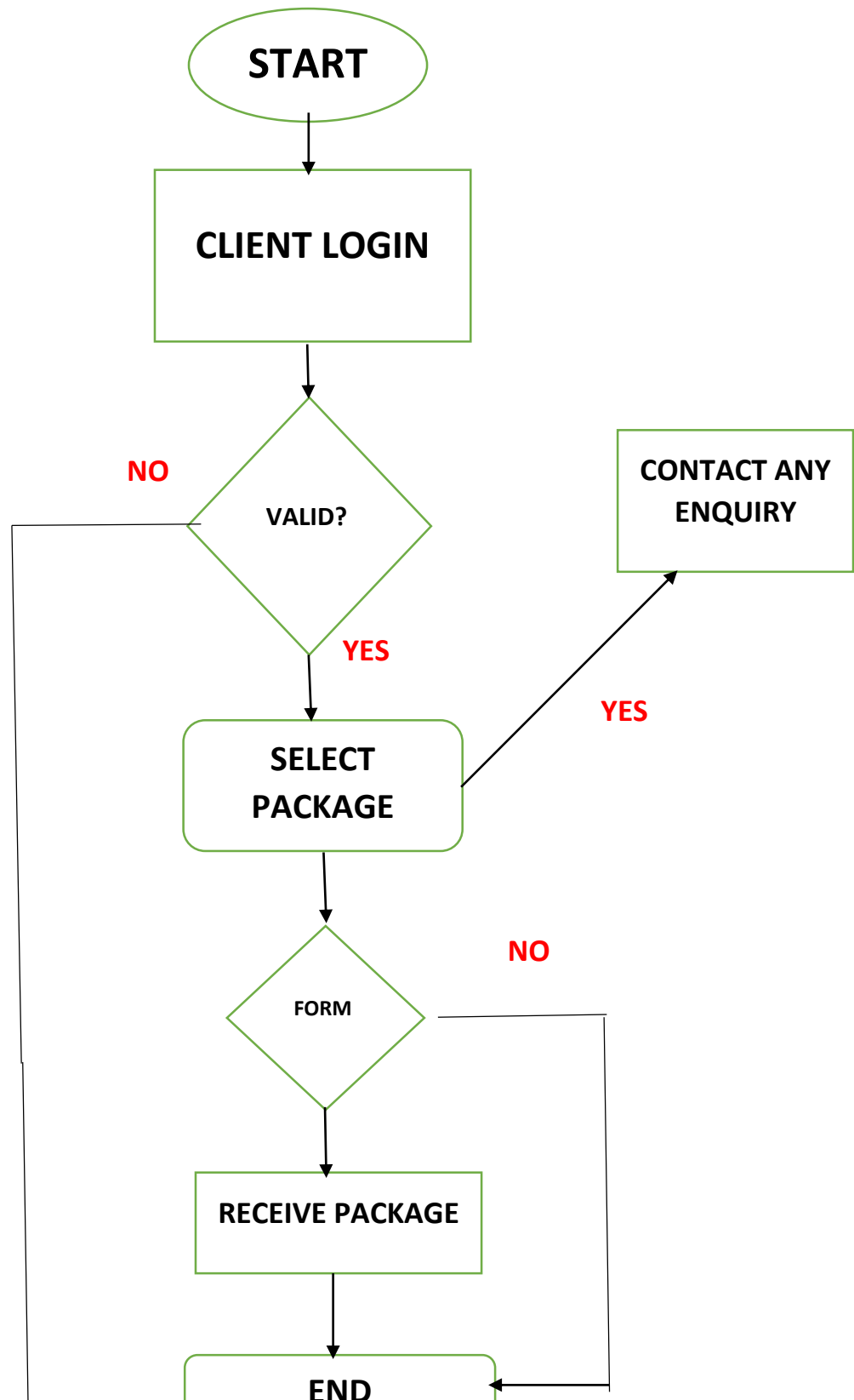**# Database Language:** MONGO DB

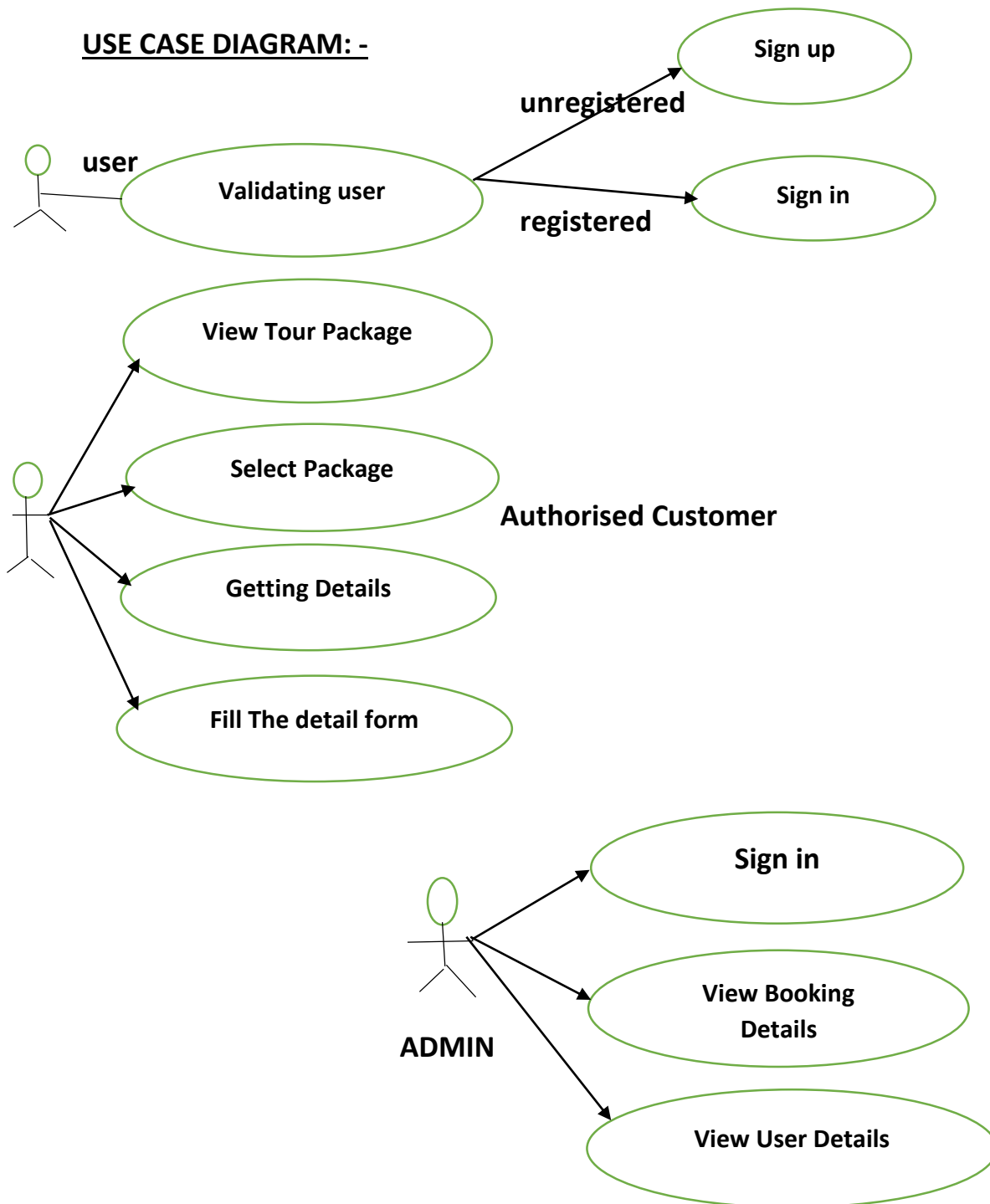# We start our making project with our team members in the guidance of our teacher <u>Mr. Sanjay Rathore</u>

|||. DESIGN PHASE

Diagrams

FLOWCHART: -

```
                    ( START )
                        |
                        v
                ┌───────────────┐
                │  CLIENT LOGIN │
                └───────────────┘
                        |
                        v
          NO          ◇ VALID? ◇                    ┌──────────────┐
       ◄────────────                                │ CONTACT ANY  │
                        |                           │   ENQUIRY    │
                       YES                          └──────────────┘
                        |                                  ^
                        v                                  │ YES
                ┌───────────────┐                          │
                │    SELECT     │─────────────────────────►│
                │   PACKAGE     │
                └───────────────┘
                        |
                        v
                     ◇ FORM ◇         NO
                        |          ────────►
                        v
                ┌───────────────┐
                │ RECEIVE PACKAGE│
                └───────────────┘
                        |
                        v
                    ( END )
```

USE CASE DIAGRAM: -

user

Validating user

unregistered

Sign up

registered

Sign in

View Tour Package

Select Package

Authorised Customer

Getting Details

Fill The detail form

Sign in

ADMIN

View Booking Details

View User Details

Day 2 to Day 12

VI. DEVELOPMENT PHASE

Webpage code:

```html
<div id="mySidenav" class="sidenav">
    <a href="javascript:void(0)" class="closebtn" (click)="CallcloseNav()">&times;</a>
    <a href="#">View Package Details</a>
    <a href="#">Your Booking Details</a>


    <a routerLink="/form">Book NOW</a>

    <a (click)="logout()">LogOut</a>

</div>

<div id="main">
    <div class="container h-100">
        <div class="d-flex justify-content-center h-100">
            <div class="searchbar">
                <input type="text" class="search_input" [(ngModel)]="ct" name="ct" placeholder="Search...">

                <!-
- <button class="search_icon" (click)="fetchPlaces()"><i class="fas fa-search" ></i></button> -->
                <button (click)="fetchPlaces()" class="search_icon"><i class="fas fa-search" ></i></button>

                <div *ngFor="let p of filteredPlaces">
                    {{p|json}}
                </div>
            </div>
        </div>
    </div>
    <span style="font-size:30px;cursor:pointer" (click)="CallopenNav()">&#9776; </span>
</div>
```

```html
<div class="main">


    <div class="polaroid rotate_right">
        <img src="../../assets/images/darjeeling.jpg" alt="Pulpit rock" width=
"290" height="210">
        <p class="caption">The famous Tea Garden in <em><b>Darjeeling</b></em>
, India.</p>
    </div>

    <div class="polaroid rotate_left">
        <img src="../../assets/images/kedarnath.jpg" alt="Monterosso al Mare"
width="290" height="205">
        <p class="caption"><em><b>Kedarnath Temple</b></em> - A Crazy Cocktail
 of Spirituality, in Uttarakhand.</p>
    </div>


    <div class="polaroid rotate_right">
        <img src="../../assets/images/jaipur.jpg" alt="Pulpit rock" width="290
" height="205">
        <p class="caption"><em><b>Jal Mahal</b></em> - The most splendid archi
tectural palaces sitting in the centre of Man Singh Lake on the outskirts of J
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    </div>

    <div class="polaroid rotate_left">
        <img src="../../assets/images/muss.jpg" alt="Monterosso al Mare" width
="290" height="205">
        <p class="caption">"Rain in the Mountains: Notes from the Himalayas",
an anthology of semi-
autobiographical stories of his life in the mountains of <em><b> Mussoorie</b>
</em>.</p>
    </div>

</div>


<div class="container">

    <div class="description-container">

        <div>
            <li routerLink="goaa" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/ngoa.jpg" alt="" class="img-
responsive floating-image right"></li>
        </div>
```

```html
<h3>What is this?</h3>
<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Possimus t
empora sequi facere fugiat cum quae culpa quibusdam architecto, amet fuga pers
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<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Similique,
 deleniti id accusantium modi, perferendis eos placeat sequi, laborum totam qu
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um atque accusamus quaerat earum velit at hic iste inventore dolores.</p>
<p></p>

<div>
    <li routerLink="ooty" type="button" data-toggle="modal" data-
target="#exampleModalLong">
        <img src="../../assets/images/ooty.jpg" alt="" class="img-
responsive floating-image left">
    </li>
</div>

<h3>Where does this come from?</h3>
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<div>
    <li routerLink="/leh" type="button" data-toggle="modal" data-
target="#exampleModalLong">
        <img src="../../assets/images/leh.jpg" alt="" class="img-
responsive floating-image right">
    </li>
</div>

<h3>Where does this come from?</h3>
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ro?</p>

<div>
```

```html
            <li routerLink="/dallake" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/dallake.jpg" alt="" class="img-
responsive floating-image left">
            </li>
        </div>


        <h3>Where does this come from?</h3>
        <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Id dolore
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        <div>
            <li routerLink="/andaman" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/andaman.jpg" alt="" class="img-
responsive floating-image right">
            </li>
        </div>


        <h3>Where does this come from?</h3>
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        <div>
            <li routerLink="/udaipur" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/udaipur.jpg" alt="" class="img-
responsive floating-image left">
            </li>
        </div>


        <h3>Where does this come from?</h3>
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```html
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        <div>
            <li routerLink="/flowers" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/flowers.jpg" alt="" class="img-
responsive floating-image right">
            </li>
        </div>


        <h3>Where does this come from?</h3>
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        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Beatae quo
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untur porro aut inventore, reiciendis blanditiis eligendi quod quam saepe libe
ro?</p>

        <div>
            <li routerLink="/kasol" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/kasol.jpg" alt="" class="img-
responsive floating-image left">
            </li>
        </div>


        <h3>Where does this come from?</h3>
        <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Id dolore
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        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Beatae quo
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untur porro aut inventore, reiciendis blanditiis eligendi quod quam saepe libe
ro?</p>

        <div>
            <li routerLink="/himalaya" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/himalaya.jpeg" alt="" class="img
-responsive floating-image right">
            </li>
        </div>
```

```
        <h3>Where does this come from?</h3>
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        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Beatae quo
s, culpa accusantium rerum, incidunt nisi architecto at mollitia eaque consequ
untur porro aut inventore, reiciendis blanditiis eligendi quod quam saepe libe
ro?</p>



    </div>

</div>
```

Login code:

```
<div class="container">
    <div class="modal fade" id="exampleModalCenter" tabindex="-
1" role="dialog" aria-labelledby="exampleModalCenterTitle" aria-hidden="true">

        <div class="modal-dialog modal-dialog-centered" role="document">
            <div class="modal-content">

                <div class="modal-header">
                    <img src="../../assets/images/login.jpg" width="80px" heig
ht="80px " alt="">
                    <button #mclose type="button" class="close" data-
dismiss="modal" aria-label="Close">
            <span aria-hidden="true">&times;</span>
        </button>

                </div>
                <div class="modal-body">

                    <div #loginForm class="loginForm">
                        <form #f="ngForm">
                            <div class="form-group">
                                <!-
- <label for="email">Email address:</label> -->
                                <input #emailref="ngModel" [(ngModel)]="emailP
rop" name="email" type="email" class="form-
control" placeholder="Enter email" id="email">
                            </div>
```

```html
                                    <div class="form-group">
                                        <!-- <label for="pwd">Password:</label> -->
                                        <input #passref="ngModel" [(ngModel)]="passwor
dProp" name="password" type="password" class="form-
control" placeholder="Enter password" id="pwd">
                                    </div>
                                    <p></p>
                                    <button type="submit" class="btn btn-
dark" (click)="login()">LogIn</button>
                                    <label>  New User? <a  class="btn btn-primary btn-
sm" (click)="showSignup()" >SignUp</a></label>
                                </form>
                        </div>


                    <div #signUPForm class="signupForm">
                        <form #f="ngForm">
                            <div class="form-group">

                                <input #nameref="ngModel" [(ngModel)]="namePro
p" name="name" type="text" class="form-
control" placeholder="Enter name" id="name">

                            </div>
                            <div class="form-group">

                                <input #mobileref="ngModel" [(ngModel)]="mobil
eProp" name="mobile" type="text" class="form-
control" placeholder="Enter mobile number" id="mobile">
                            </div>
                            <div class="form-group">

                                <input #emailrefsu="ngModel" [(ngModel)]="emai
lPropsu" name="email1" type="email" class="form-
control" placeholder="Enter email" id="email">
                            </div>
                            <div class="form-group">

                                <input #passrefsu="ngModel" [(ngModel)]="passw
ordPropsu" name="password" type="password" class="form-
control" placeholder="Enter password" id="pwd">
                            </div>

                            <p></p>
                            <button type="submit" class="btn btn-
dark" (click)="SignUp()">Submit</button>
                            <label>  Already Registered? <a   class="btn btn-
primary btn-sm" (click)="showLogin()" >Login</a></label>
```

```
                    </form>
                </div>

            </div>

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



</div>
```

Package detailing code:

```html
<div class="main">


    <div class="polaroid rotate_right">
        <img src="../../assets/images/darjeeling.jpg" alt="Pulpit rock" width=
"290" height="210">
        <p class="caption">The famous Tea Garden in <em><b>Darjeeling</b></em>
, India.</p>
    </div>

    <div class="polaroid rotate_left">
        <img src="../../assets/images/kedarnath.jpg" alt="Monterosso al Mare"
width="290" height="205">
        <p class="caption"><em><b>Kedarnath Temple</b></em> - A Crazy Cocktail
 of Spirituality, in Uttarakhand.</p>
    </div>


    <div class="polaroid rotate_right">
        <img src="../../assets/images/jaipur.jpg" alt="Pulpit rock" width="290
" height="205">
        <p class="caption"><em><b>Jal Mahal</b></em> - The most splendid archi
tectural palaces sitting in the centre of Man Singh Lake on the outskirts of J
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    <div class="polaroid rotate_left">
        <img src="../../assets/images/muss.jpg" alt="Monterosso al Mare" width
="290" height="205">
```

```html
        <p class="caption">"Rain in the Mountains: Notes from the Himalayas",
an anthology of semi-
autobiographical stories of his life in the mountains of <em><b> Mussoorie</b>
</em>.</p>
    </div>

</div>


<div class="container">

    <div class="description-container">

        <div>
            <li routerLink="goaa" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/ngoa.jpg" alt="" class="img-
responsive floating-image right"></li>
        </div>


        <h3>What is this?</h3>
        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Possimus t
empora sequi facere fugiat cum quae culpa quibusdam architecto, amet fuga pers
piciatis id. Nostrum veritatis sed similique in pariatur veniam atque?</p>
        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Similique,
 deleniti id accusantium modi, perferendis eos placeat sequi, laborum totam qu
isquam magni! Ducimus cupiditate consectetur, eum tempora ab deleniti deserunt
 a.</p>
        <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Quo minim
a, nobis accusamus ea illum asperiores laborum quam repudiandae! Similique ips
um atque accusamus quaerat earum velit at hic iste inventore dolores.</p>
        <p></p>

        <div>
            <li routerLink="ooty" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/ooty.jpg" alt="" class="img-
responsive floating-image left">
            </li>
        </div>

        <h3>Where does this come from?</h3>
        <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Id dolore
s enim mollitia libero alias autem unde officiis doloremque sapiente minima re
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```

```
untur porro aut inventore, reiciendis blanditiis eligendi quod quam saepe libe
ro?</p>

        <div>
            <li routerLink="/leh" type="button" data-toggle="modal" data-
target="#exampleModalLong">
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            <li routerLink="/dallake" type="button" data-toggle="modal" data-
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ro?</p>

        <div>
            <li routerLink="/andaman" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/andaman.jpg" alt="" class="img-
responsive floating-image right">
            </li>
        </div>

        <h3>Where does this come from?</h3>
```

```html
        <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Id dolore
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        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Beatae quo
s, culpa accusantium rerum, incidunt nisi architecto at mollitia eaque consequ
untur porro aut inventore, reiciendis blanditiis eligendi quod quam saepe libe
ro?</p>

        <div>
            <li routerLink="/udaipur" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/udaipur.jpg" alt="" class="img-
responsive floating-image left">
            </li>
        </div>


        <h3>Where does this come from?</h3>
        <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Id dolore
s enim mollitia libero alias autem unde officiis doloremque sapiente minima re
m quasi, ullam animi dolore eos? Porro necessitatibus beatae rem!</p>
        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Beatae quo
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ro?</p>

        <div>
            <li routerLink="/flowers" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/flowers.jpg" alt="" class="img-
responsive floating-image right">
            </li>
        </div>


        <h3>Where does this come from?</h3>
        <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Id dolore
s enim mollitia libero alias autem unde officiis doloremque sapiente minima re
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        <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Beatae quo
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ro?</p>

        <div>
            <li routerLink="/kasol" type="button" data-toggle="modal" data-
target="#exampleModalLong">
                <img src="../../assets/images/kasol.jpg" alt="" class="img-
responsive floating-image left">
```

```html
        </li>
      </div>


      <h3>Where does this come from?</h3>
      <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Id dolore
s enim mollitia libero alias autem unde officiis doloremque sapiente minima re
m quasi, ullam animi dolore eos? Porro necessitatibus beatae rem!</p>
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ro?</p>

      <div>
        <li routerLink="/himalaya" type="button" data-toggle="modal" data-
target="#exampleModalLong">
          <img src="../../assets/images/himalaya.jpeg" alt="" class="img
-responsive floating-image right">
        </li>
      </div>


      <h3>Where does this come from?</h3>
      <p>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Id dolore
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      <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Beatae quo
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ro?</p>




    </div>

</div>
```

Search place code:

```typescript
import { Component, OnInit } from '@angular/core';
import { DataService } from '../data.service';

@Component({
  selector: 'app-search',
  templateUrl: './search.component.html',
  styleUrls: ['./search.component.css']
```

```
})
export class SearchComponent implements OnInit {

  searchCity;
  filteredPlaces;
  constructor(private ds:DataService) { }

  ngOnInit(): void {

    this.searchCity=localStorage.getItem('searchCity');
    this.ds.fetchPlaces().subscribe((d)=>{

      alert("returned data"+JSON.stringify(d))


    var allplaces = d.data;
    console.log(allplaces);
    this.filteredPlaces=    allplaces.filter((p)=>{
      // alert("--"+p.city+"-"+this.ct+"--")
      return p.city == this.searchCity;

    })
    alert("this is filtered"+JSON.stringify(this.filteredPlaces))

  })

  }

}
```

Detail form code:

```
<section>

    <div class="box">
        <h1>DETAIL FORM</h1>

        <div class="Detail Form">
            <form #f="ngForm">
                <div class="form-group">
                    <label for="place">Add Place:</label>
                    <input #placeref="ngModel" [(ngModel)]="placeProp" name="p
lace" type="text" class="form-control" placeholder="Enter place" id="place">
                </div>
                <div class="form-group">
                    <label for="email">Add State:</label>
```

```html
            <input #stateref="ngModel" [(ngModel)]="stateProp" name="s
tate" type="text" class="form-control" placeholder="Enter state" id="state">
            </div>
            <div class="form-group">
                <label for="email">Booking Member Name:</label>
                <input #nameref="ngModel" [(ngModel)]="nameProp" name="nam
e" type="text" class="form-control" placeholder="Enter name" id="name">
            </div>
            <div class="form-group">
                <label for="email">Email address:</label>
                <input #emailref="ngModel" [(ngModel)]="emailProp" name="e
mail" type="email" class="form-control" placeholder="Enter email" id="email">
            </div>
            <div class="form-group">

                <label for="mobile">Mobile Number:</label>
                <input #mobileref="ngModel" [(ngModel)]="mobileProp" name=
"mobile" type="number" class="form-
control" placeholder="Enter mobile number" id="mobile">
            </div>
            <div class="form-group">
                <label for="email">No. Of Adults:</label>
                <input #adultref="ngModel" [(ngModel)]="adultProp" name="a
dult" type="number" class="form-
control" placeholder="no. of adults" id="adult">
            </div>
            <div class="form-group">
                <label for="email">No. Of Children:</label>
                <input #childref="ngModel" [(ngModel)]="childProp" name="c
hild" type="number" class="form-
control" placeholder="no. of children" id="child">
            </div>
            <div class="form-group">
                <label for="email">From Date:</label>
                <input #dateref="ngModel" [(ngModel)]="dateProp" name="dat
e" type="date" class="form-control" placeholder="date" id="date">
            </div>
            <div class="form-group">
                <label for="date">To Date:</label>
                <input #daterefsu="ngModel" [(ngModel)]="datePropsu" name=
"datesu" type="date" class="form-control" placeholder="date" id="date">
            </div>
            <div class="form-group">
                <label for="amount">Total Package Amount</label>
                <input #amountref="ngModel" [(ngModel)]="amountProp" name=
"amount" type="text" class="form-control" placeholder="amount" id="amount">
            </div>
            <div class="form-group">
```

```html
                    <label for="pwd">Description:</label>
                    <textarea #messageref="ngModel" [(ngModel)]="messageProp"
name="message" type="message" class="form-
control" placeholder="Requirements..." id="exampleFormControlTextarea1" rows="
3"></textarea>
                </div>
                <button type="submit" class="btn btn-outline-
warning" (click)="add()">Submit</button>

            </form>
        </div>
        <p>Terms and Condition Apply</p>


    </div>
</section>
```

Backend code/database connected code:

```javascript
const express = require('express');
const bodyParser = require('body-parser');
const cors = require('cors');
const MongoClient = require('mongodb').MongoClient;
const ObjectId = require('mongodb').ObjectId;

var dbName = "tourdb"
var client = new MongoClient('mongodb+srv://admin:admin@cluster0-
h4v6l.mongodb.net/dbname?retryWrites=true&w=majority', { useNewUrlParser: true
 });




var connection;
client.connect((err, con) => {

    if (!err) {
        connection = con;
        console.log("database connected successfully");
    } else {
        console.log("database could not connect");
    }
})




const app = express();
```

```javascript
app.use(cors());


app.get('/', (req, res) => {

    res.send({ status: "ok", data: "this is a test api" });
})




app.get('/user', (req, res) => {
    var id = req.query.id;
    res.send({ status: "ok", data: [{ name: "X", age: 78, id: id }, { name: "Y
", age: 67 }] });
})


app.post('/sign-in', bodyParser.json(), (req, res) => {

    console.log(req.body)
    var collection = connection.db(dbName).collection('tour');


    collection.find(req.body).toArray((err, docs) => {
        console.log("docs found");
        console.log(docs);
        if (!err && docs.length > 0) {
            res.send({ status: "ok", data: docs });
        } else {
            res.send({ status: "failed", data: err });
        }
    })

})

app.get('/getAllplaces', (req,res)=>{

    console.log(req.body)
    var collection = connection.db(dbName).collection('places');


    collection.find().toArray((err, docs) => {
        console.log("docs found");
        console.log(docs);
        if (!err && docs.length > 0) {
            res.send({ status: "ok", data: docs });
        } else {
            res.send({ status: "failed", data: err });
```

```javascript
        }
    })



})


app.post('/sign-up', bodyParser.json(), (req, res) => {

    console.log("sign up for user..")
    console.log(req.body);

    var collection = connection.db(dbName).collection('tour');

    collection.find({ email: req.body.email }).toArray((err, docs) => {
        console.log("found with this email ");
        console.log(docs);

        if (!err && docs.length > 0) {
            res.send({ status: "failed", data: "email already Exist" })
        } else {

            collection.insert(req.body, (err, result) => {
                if (!err) {
                    res.send({ status: "ok", data: "signup success" });
                } else {
                    res.send({ status: "failed", data: err });
                }
            })

        }
    })
})
app.post('/submit', bodyParser.json(), (req, res) => {

    console.log("sign up for user..")
    console.log(req.body);

    var collection = connection.db(dbName).collection('enquiry');

    collection.find({ email: req.body.email }).toArray((err, docs) => {
        console.log("found with this email ");
        console.log(docs);

        if (!err && docs.length > 0) {
            res.send({ status: "failed", data: "email already Exist" })
        } else {
```

```javascript
                collection.insert(req.body, (err, result) => {
                    if (!err) {
                        res.send({ status: "ok", data: "signup success" });
                    } else {
                        res.send({ status: "failed", data: err });
                    }
                })

            }
        })

})
app.post('/add', bodyParser.json(), (req, res) => {

    console.log("sign up for user..")
    console.log(req.body);

    var collection = connection.db(dbName).collection('form');

    collection.find({ email: req.body.email }).toArray((err, docs) => {
        console.log("found with this email ");
        console.log(docs);

        if (!err && docs.length > 0) {
            res.send({ status: "failed", data: "email already Exist" })
        } else {

            collection.insert(req.body, (err, result) => {
                if (!err) {
                    res.send({ status: "ok", data: "signup success" });
                } else {
                    res.send({ status: "failed", data: err });
                }
            })

        }
    })

})

app.listen(3000, () => { console.log("server is listining on port 3000") });
```
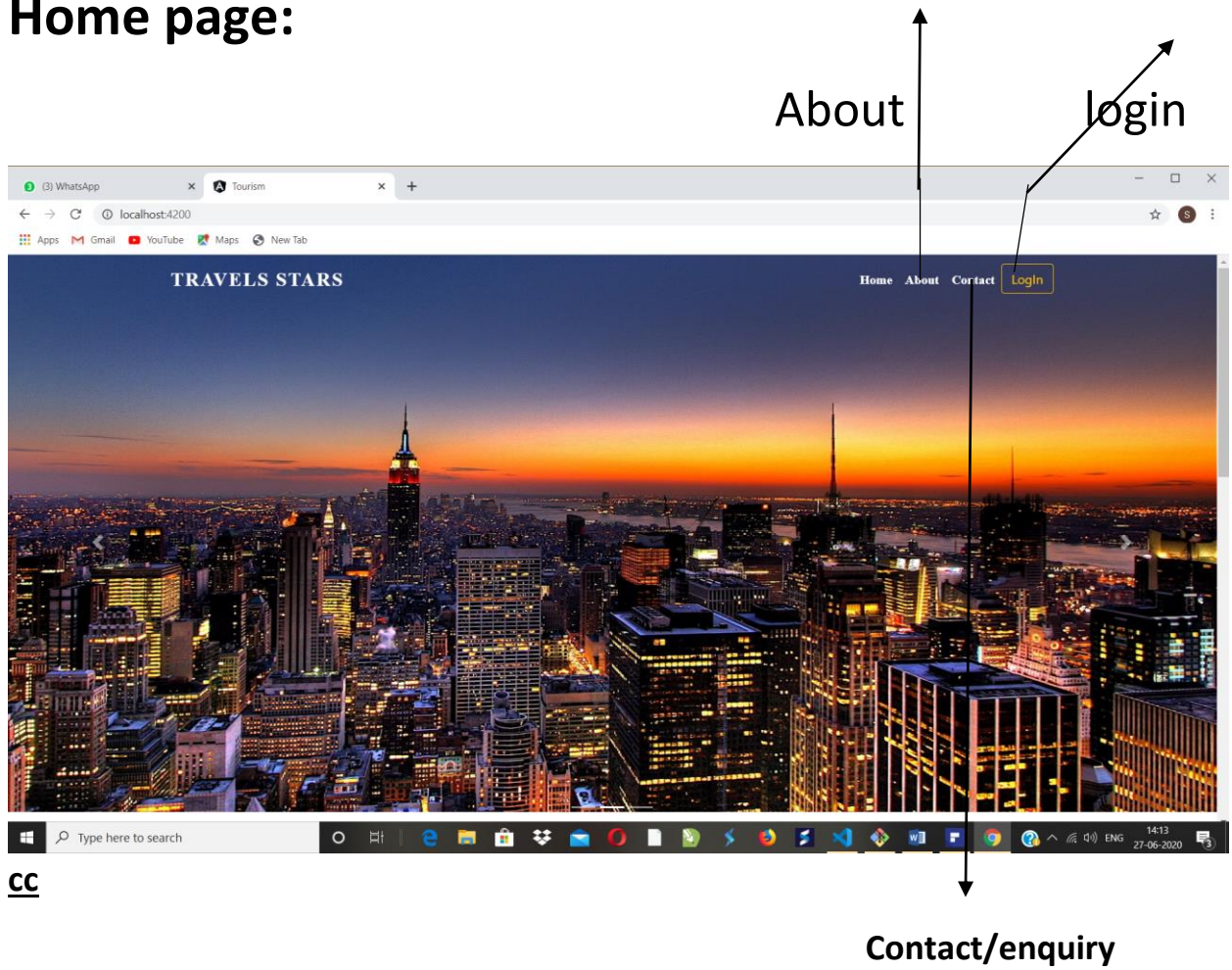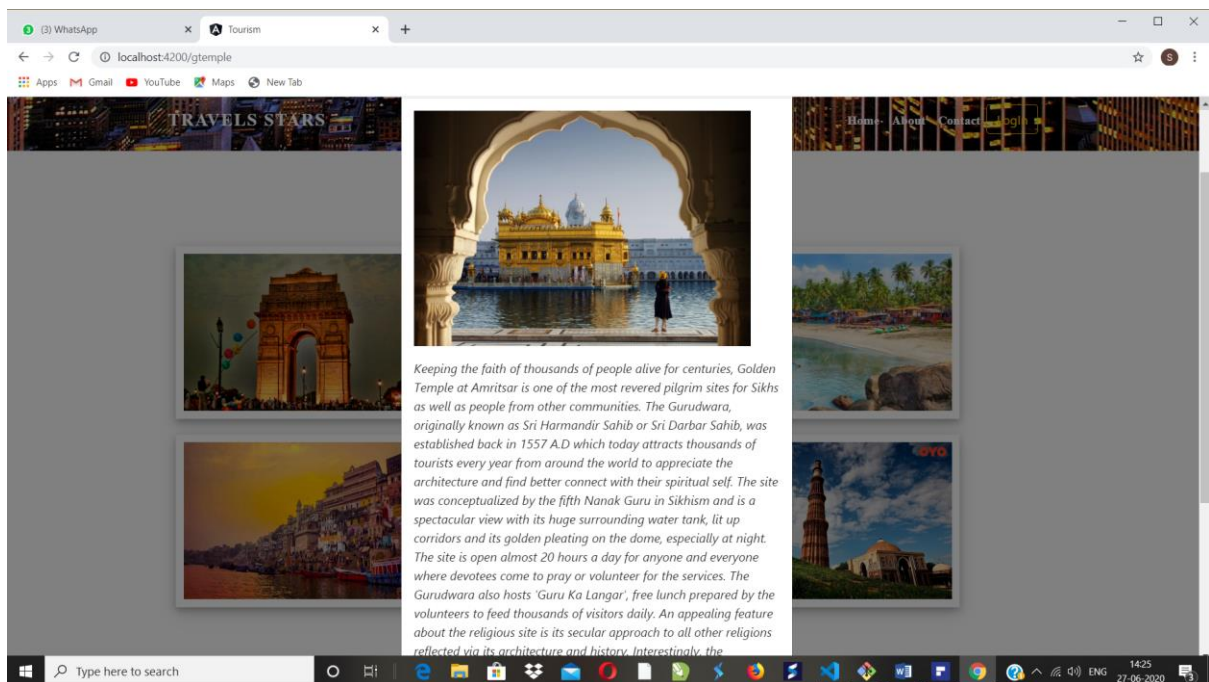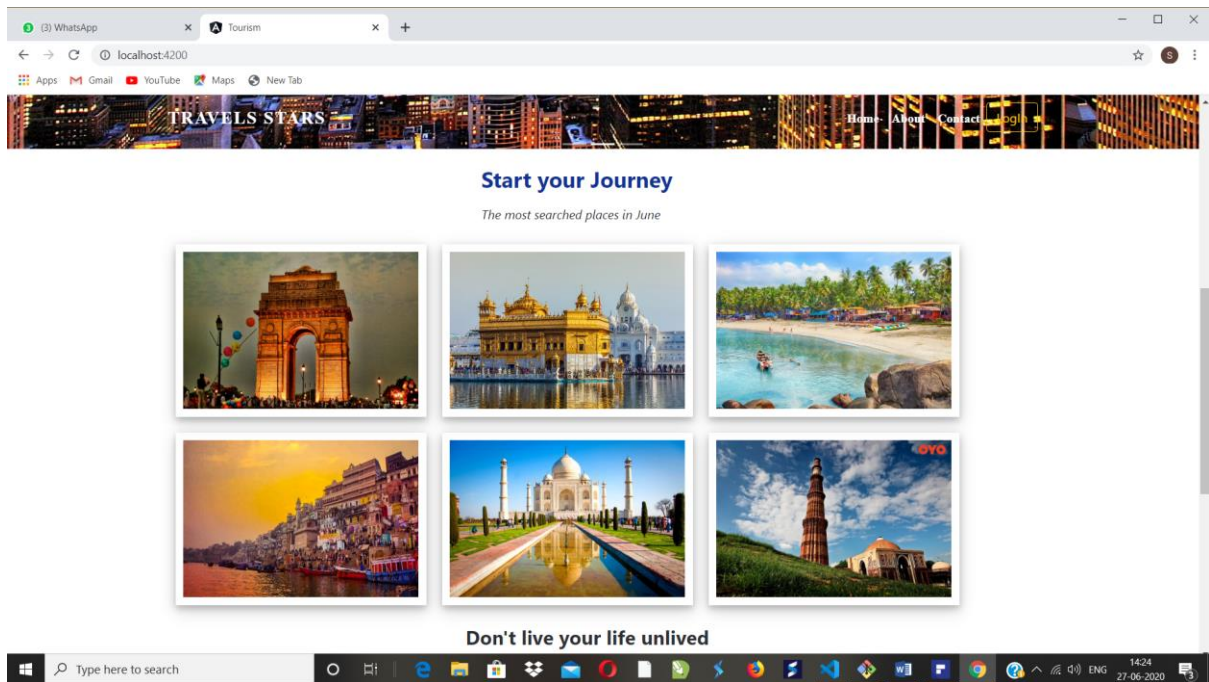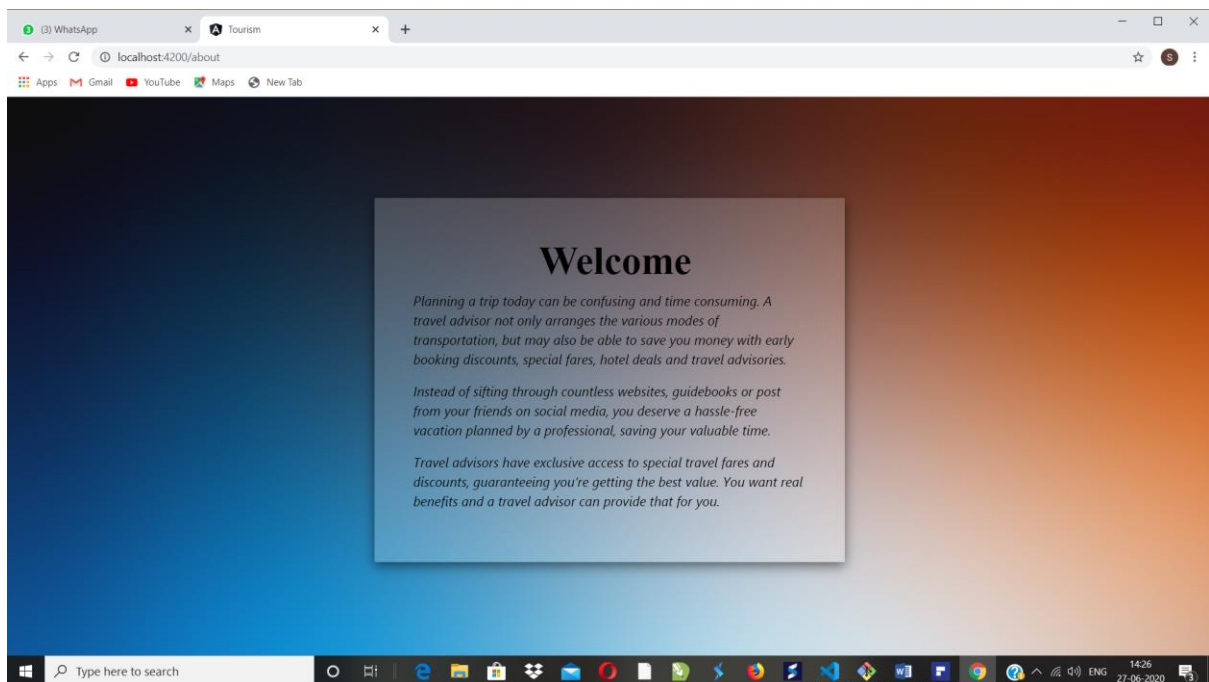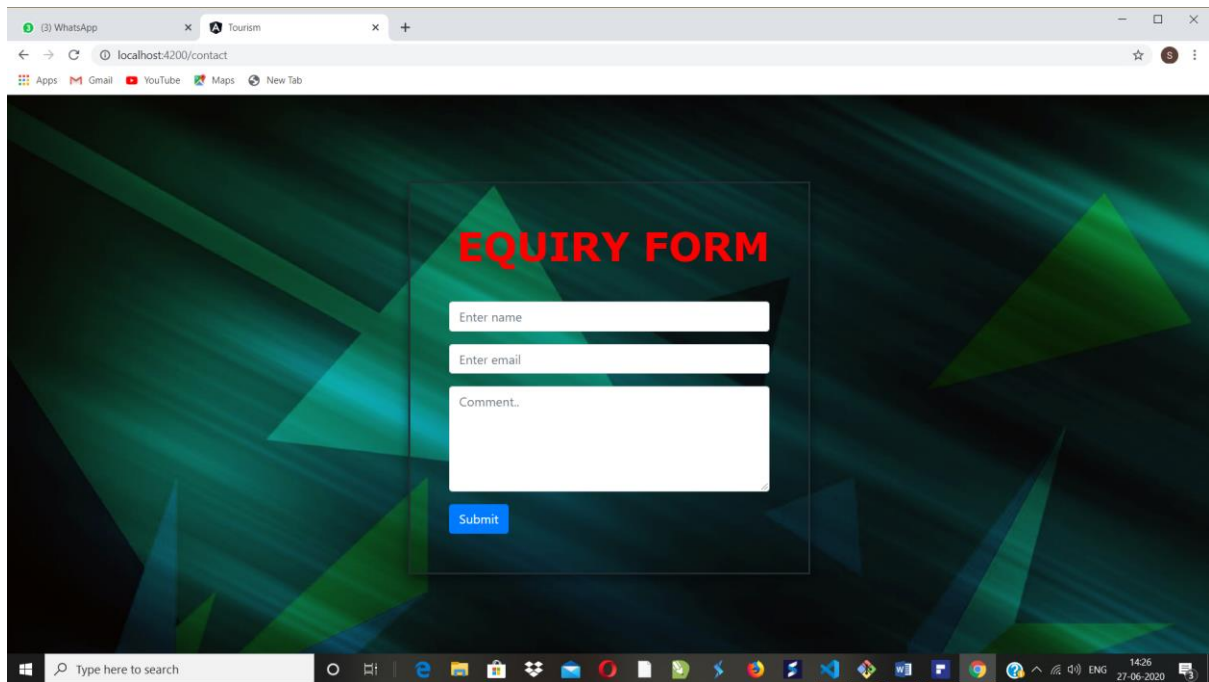
Day13 to Day16

V. TESTING PHASE

Home page:

About   login

cc

Contact/enquiry

TRAVELS STARS

Home About Contact Login

Start your Journey

The most searched places in June

Don't live your life unlived

TRAVELS STARS

Home About Contact Login

Keeping the faith of thousands of people alive for centuries, Golden Temple at Amritsar is one of the most revered pilgrim sites for Sikhs as well as people from other communities. The Gurudwara, originally known as Sri Harmandir Sahib or Sri Darbar Sahib, was established back in 1557 A.D which today attracts thousands of tourists every year from around the world to appreciate the architecture and find better connect with their spiritual self. The site was conceptualized by the fifth Nanak Guru in Sikhism and is a spectacular view with its huge surrounding water tank, lit up corridors and its golden pleating on the dome, especially at night. The site is open almost 20 hours a day for anyone and everyone where devotees come to pray or volunteer for the services. The Gurudwara also hosts 'Guru Ka Langar', free lunch prepared by the volunteers to feed thousands of visitors daily. An appealing feature about the religious site is its secular approach to all other religions reflected via its architecture and history. Interestingly, the
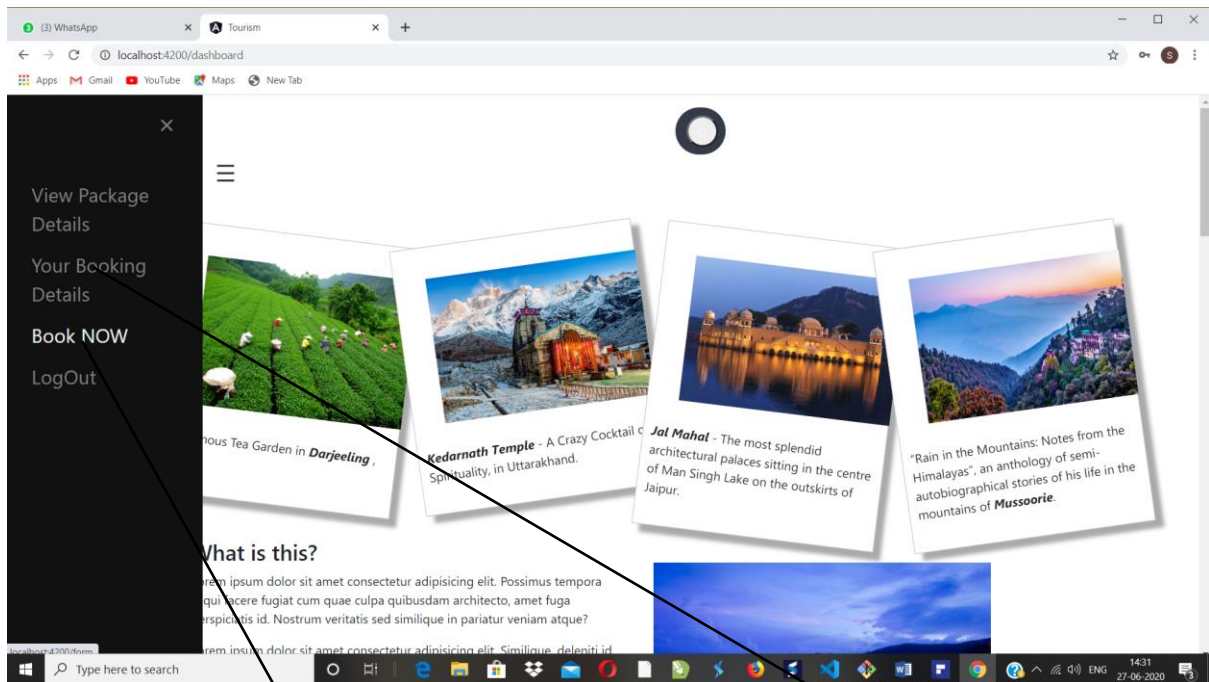
Package page:

User can search place where they want to go
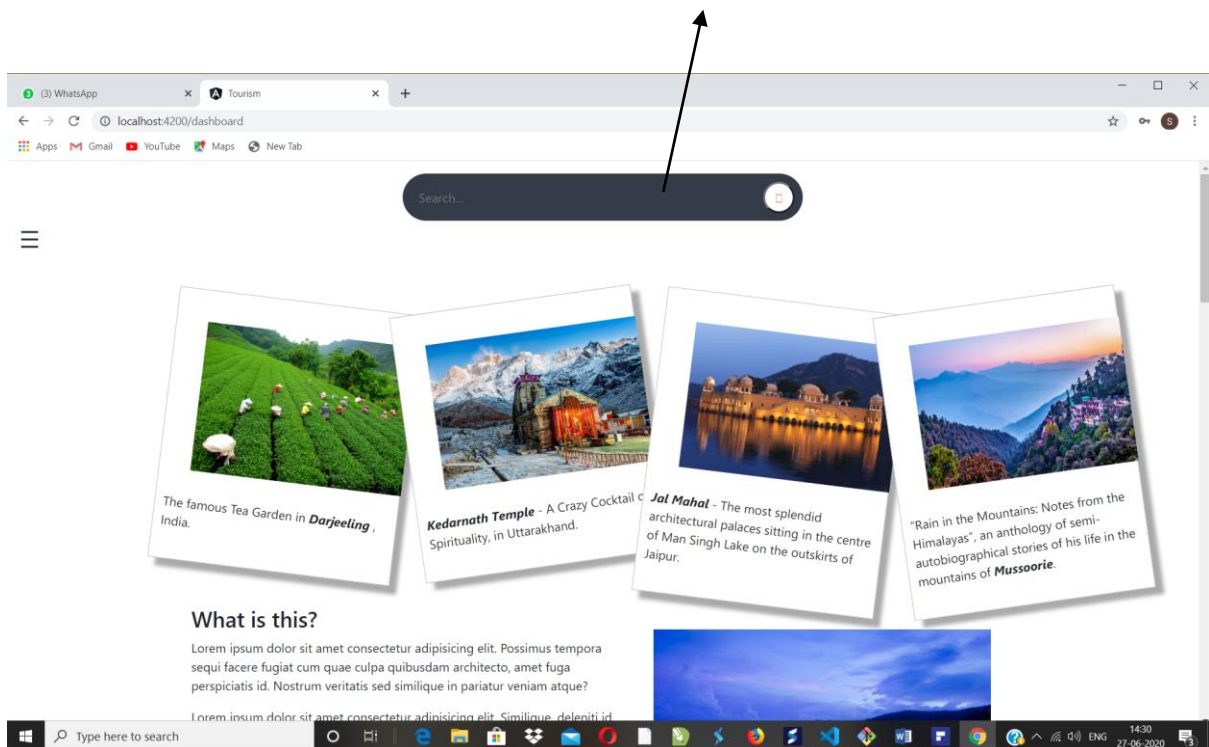
option for user to see their booking details

Option to redirect into detail form
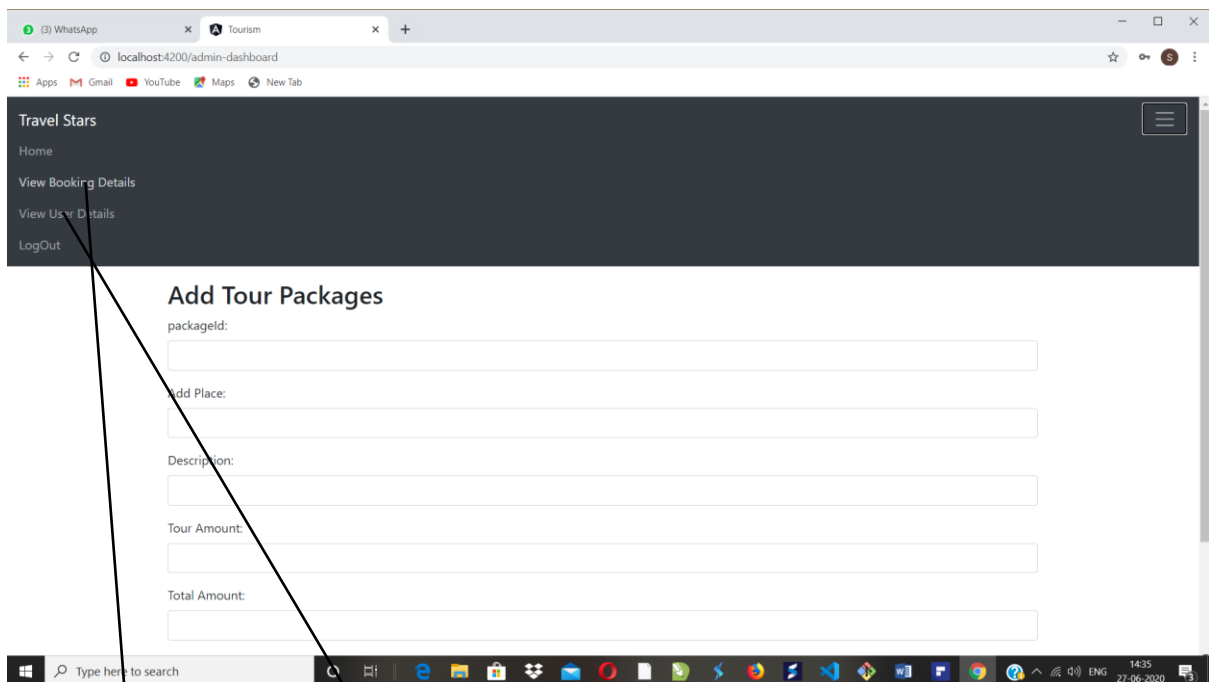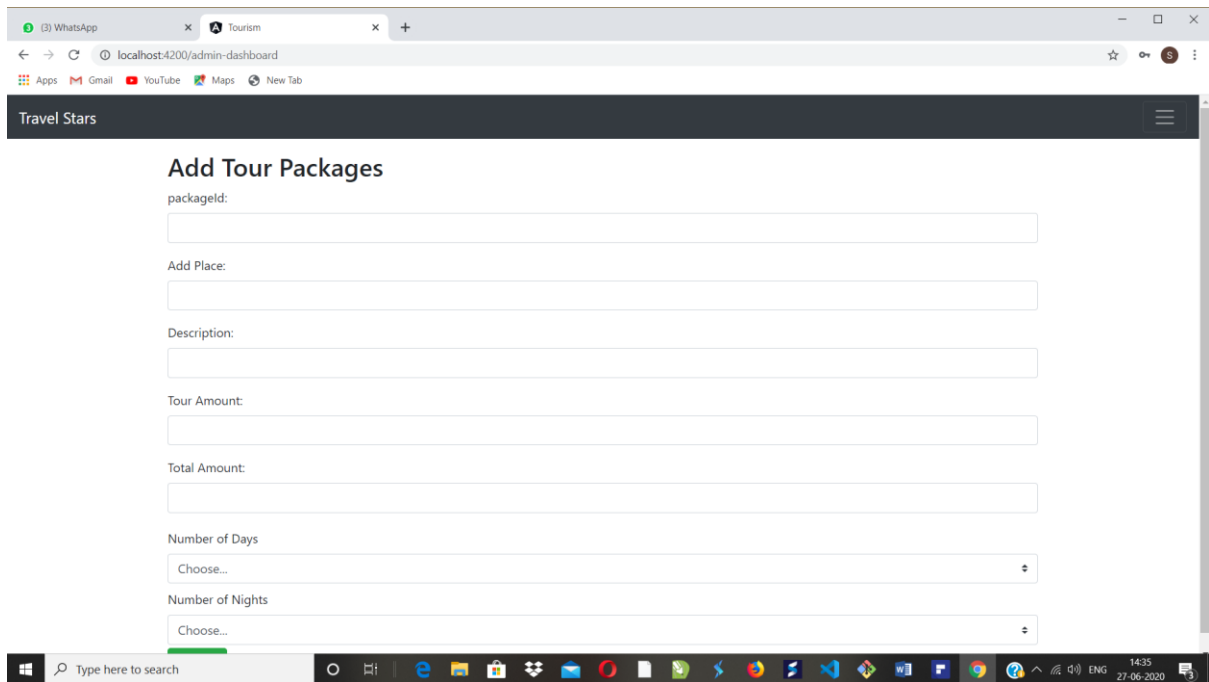
Now user select the package and fill the form

Details Form:

When user submit the details go to database (mongo db)

Admin page:

From here we add the new package in the database

View no. of users login

View users booking details

Day 17 to Day 19

Finishing the project

Facing Problem During Development

I have faced some problems during the development of the "Tour Management" web-based application.

● **Requirement Gathering Phase**: It is very important step. If the requirements are not good, the project will fail. I was disappointed when I was collecting information and data then what information and data will be helpful or appropriate for this project.

● **During Design Phase:** At this time, I was confused about drawing flowchart because which flowchart will become better for this project.

● **Development Phase:** It is a critical part of the project. At this time, I have mistaken and at end of the statement.

● **Testing Phase:** It is a necessary part of the project. This part will help to test the whole project. At this time, I have to face some bugs for the project.

Conclusion

The tourism management system proves to be a strong system that has followed all the industrial standards. Normalization is applied to all the table sand and is found to be in 3NF. The functional dependencies are also listed. Working with such a system can enable the user to get any information with low-performance costs and increased throughput. As the database is created with good design, the system can comply with any demand in the future. The most widely used complex queries are also stated above. Also, the relational algebraic translation proves that the database is designed properly.