KARNAL TRAVEL

Project Documentation

APTECH SHAHRAH E FAISAL

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Certificate of Completion

This is to certify that

Mr.Noman Ishaq

Mr.Mohammad Ahmed

Has Successfully Designed and Developed

E-Project "Karnal Travel"

Date of issue **20 March 2019**

ACKNOWLEDEGMENT

Problem Statement

Introduction

Karnal Travels is a Tours and Travels Company which provides the various transportation facilities between the cities like tourist spots, transportation between different cities in the country, also provides accommodations in hotels, etc. Also they provide the online facility where the customers can visit online, view and order for the tours and as well the transportation. Now they want to provide a website, through which they wan to attract the customers. They want to reach out to the customers by providing various information services like the list of tourist spot, information about the various hotels and restaurants, etc. They want the website to be a URL Specific. So they approached us to build a website for them.

Customer Requirement Specification

The client wants us to incorporate the following features in the website.

1. The URL should be http://www.Karneltravelguide.com
2. The website should contain a menu through which the different topics can be fetched out with an ease.
3. The menu should contain the following:
    - Home page
    - About us
    - Search page
    - Information page
        - Tourist Spots available with in the country.
        - Travel Information
        - Hotel Information
        - Restaurant Information.
        - Resorts Information
    - Contact us
4. The About Us Page should include the details about the company, also it should include the details about the facilities that it will provide like transportation, packages, transportation and accommodation facility to tourist locations, etc.
5. The Search page should implement the search for the various tourist spots like beaches, monuments, etc. and also it should include the search for the Hotels, Restaurants and resorts based on the location, price, quality, quantity and availability. Also on this page there should be a link for the advanced search page.
6. The information page should contain 5 links as mentioned above and it should display the information about the new hotels restaurants and the

resorts information also if there is any package or discounts that the company is providing can also be displayed.

7. Tourist spots should include the various tourist locations available with in the country.

8. Travel information should include the various transportation facilities available with in the country.
9. Similarly the various hotels, restaurants and resorts that are available with in the country should be displayed for the Hotels, Restaurants, and resorts information.
10. The contact us Page is the page where the customer can contact the company for placing an order and this page should also include the feedback, which will collect the feedback from the various users of the website.

PROJECT PLAN

Project Approach

Step I: Understanding and Analysis the Requirement specification

Step II: Gathering the Required Information

Step III: E-R diagrams / prototyping

Step IV: Code implementation

Step V: Testing

Step VI: Documentation

Step VII: Review

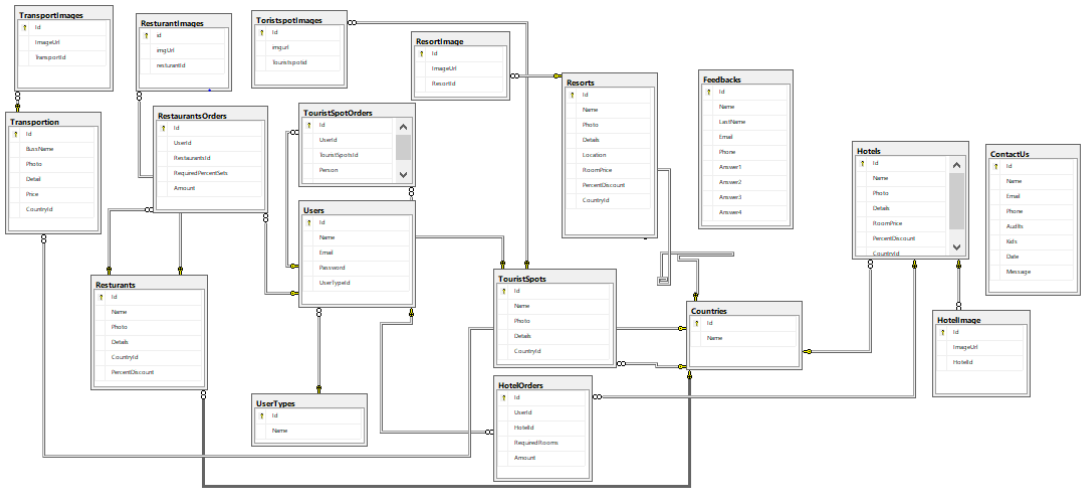
Step VIII: Project Submission

Goals and Objectives

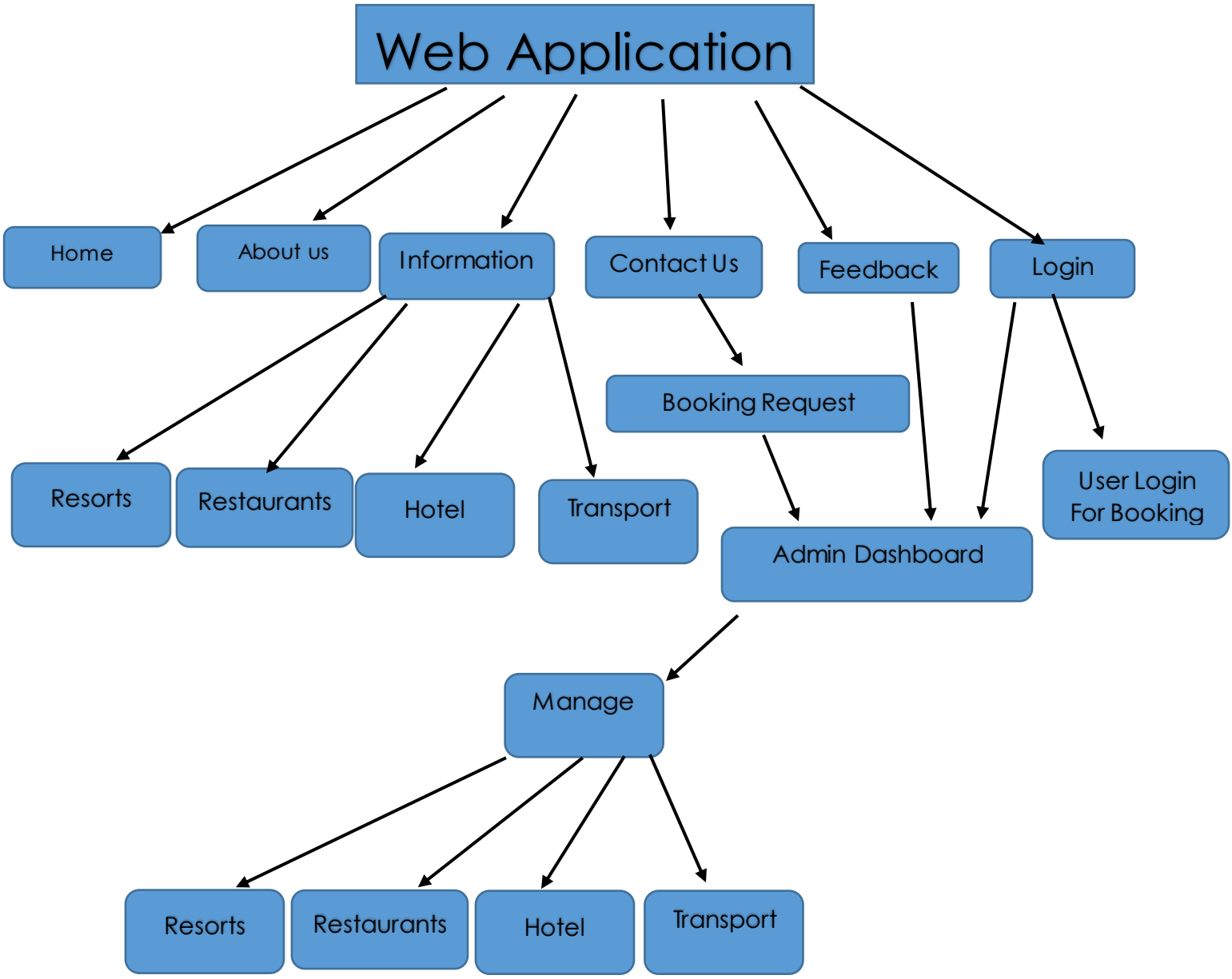
The business goals and objectives for this project will focus on implementing Web Application that

- To build a system that can receive input and generate automatically output in easy way and short time.
- To build a monitoring system that is able to monitor and manage all Request for Travel operations efficiently.
- Give an opportunity to User to reduce mistakes that always happen during manual method.
- To store properly booking ticket in order to maintain their security.

E-R Diagrams


TransportImages
ResturantImages
ToristspotImages
ResortImage
Resorts
Feedbacks
Transportion
RestaurantsOrders
TouristSpotOrders
Users
Hotels
ContactUs
Resturants
TouristSpots
Countries
HotelImage
UserTypes
HotelOrders

FLOWCHART


Web Application
Home
About us
Information
Contact Us
Feedback
Login
Resorts
Restaurants
Hotel
Transport
Booking Request
User Login For Booking
Admin Dashboard
Manage
Resorts
Restaurants
Hotel
Transport

ALGORITHMS

```
0 references
public ActionResult Login()
{
    return View();
}
[HttpPost]
0 references
public ActionResult Login(string email, string password)
{
    var user = db.Users.FirstOrDefault(u => u.Email == email
    && u.Password == password
    );

    if (user != null)
    {
        Session["id"] = user.Id;
        Session["usertype"] = user.UserTypeId;
        Session["name"] = user.Name;
        Session["type"] = user.UserType;

        if (user.UserTypeId == 2)
        {
            return RedirectToAction("Index", "Home");
        }
        else
        {
            return RedirectToAction("Index", "Admin");
        }
    }
    else
    {
        TempData["message"] = "inalid login";
        return RedirectToAction("Registration");

    }
}
```

```
0 references
public ActionResult Registration()
{
    return View();
}
[HttpPost]
0 references
public ActionResult Registration(string name, string email, string password)
{
    var user = new User();

    user.Name = name;
    user.Email = email;
    user.Password = password;
    user.UserTypeId = 2;


    db.Users.Add(user);
    db.SaveChanges();
    ViewBag.Message = "Your have been Sucessfully";
    return View();
}
0 references
public ActionResult Logout()
{
    Session.Clear();
    Session.Abandon();
    return RedirectToAction("Login", "Account");
}

}
```

```
0 references
public class AdminController : Controller
{
    KarnalTravelEntities db = new KarnalTravelEntities();
    // GET: Admin
    0 references
    public ActionResult Index()
    {
        string x = null;
        if (Session["usertype"] != null)
        {
            x = Session["usertype"].ToString();
        }
        if (Session["usertype"] != null && x == "1")
        {

            return View();
        }
        else
        {
            return RedirectToAction("Login", "Account");
        }


    }
```

```
        0 references
        public ActionResult feedbackview()
        {
            var feedback = db.Feedbacks.ToList();
            return View(feedback);


        }
        0 references
        public ActionResult Contactrequest()
        {
            var vew = db.ContactUs.ToList();
            return View(vew);
        }
        0 references
        public ActionResult ViewUsers()
        {

            var d = db.Users.ToList();

            return View(d);
        }

    }
}
```

```
public class InformationController : Controller
{
    KarnalTravelEntities db = new KarnalTravelEntities();
    // GET: Information
    0 references
    public ActionResult Index()
    {
        ViewBag.Touristspot = db.TouristSpots.Include(t => t.Country).ToList();
        ViewBag.restaurents = db.Resturants.Include(t => t.Country).ToList();
        ViewBag.hotels = db.Hotels.Include(t => t.Country).ToList();
        ViewBag.Resorts = db.Resorts_.Include(t => t.Country).ToList();
        ViewBag.Transport = db.Transportions.Include(t => t.Country).ToList();
        return View();
    }
}
```

```
    public ActionResult Image(int? id)
    {

        Transportion r = db.Transportions.Find(id);
        ViewBag.rname = r.BussName;
        ViewBag.rid = id;

        ViewBag.ImgList = db.TransportImages.Where(x => x.TransportId == r.Id).ToList();

        return View();
    }
    [HttpPost]
    0 references
    public ActionResult Image(FormCollection fc, HttpPostedFileBase file)
    {
        int id = Convert.ToInt32(Request.Form["rid"]);
        Transportion r = db.Transportions.Find(id);
        ViewBag.rname = r.BussName;
        ViewBag.rid = r.Id;

        ViewBag.ImgList = db.TransportImages.Where(x => x.TransportId == r.Id).ToList();



        TransportImage transport = new TransportImage();

        int count = 2;
        string pt = Path.GetFileNameWithoutExtension(file.FileName);
        string ex = Path.GetExtension(file.FileName);
        string xx = pt + ex;
        //  string FleName = pt + "." + ex;
        // var z = db.tblImgs.Where(x => x.imgUrl == pt + "%**%"+ ex).ToList();

    feed.Answer3 = answer3;
    feed.Answer4 = answer4;

    db.Feedbacks.Add(feed);
    db.SaveChanges();

   return RedirectToAction("Index");
}
```

```
private KarnalTravelEntities db = new KarnalTravelEntities();

// GET: Resorts_
0 references
public ActionResult Index()
{
    var resorts_ = db.Resorts_.Include(r => r.Country);
    return View(resorts_.ToList());
}

// GET: Resorts_/Details/5
0 references
public ActionResult Details(int? id)
{
    if (id == null)
    {
        return new HttpStatusCodeResult(HttpStatusCode.BadRequest);
    }
    Resorts_ resorts_ = db.Resorts_.Find(id);
    if (resorts_ == null)
    {
        return HttpNotFound();
    }
    return View(resorts_);
}

// GET: Resorts_/Create
0 references
public ActionResult Create()
{
    ViewBag.CountryId = db.Countries.ToList();
    return View();
}
```

```
int count = 2;
string pt = Path.GetFileNameWithoutExtension(file.FileName);
string ex = Path.GetExtension(file.FileName);
string xx = pt + ex;
//  string FleName = pt + "." + ex;
// var z = db.tblImgs.Where(x => x.imgUrl == pt + "%**%"+ ex).ToList();

//Check If file exist or not
if (System.IO.File.Exists(@"E:\KarnalTravel\KarnalTravel\Uploading\" + pt + ex))
{
    int ii = 2;
    bool x = true;
    while (x)
    {
        string fn = pt + "(" + ii + ")";
        if (System.IO.File.Exists(@"E:\KarnalTravel\KarnalTravel\Uploading\" + fn + ex))
        {
            ii++;
        }
        else
        {
            x = false;
            pt = fn;
            count = ii;
            transport.ImageUrl = fn + ex;
        }
    }
    string pathRename = Path.Combine("~/Uploading/" + pt + ex);
    transport.ImageUrl = pt + ex;
    file.SaveAs(Server.MapPath(pathRename));
}
```

```
        else
        {
            file.SaveAs(@"E:\KarnalTravel\KarnalTravel\Uploading\" + pt + ex);
            transport.ImageUrl = pt + ex;
        }
        //-------------

        transport.TransportId = Convert.ToInt32(Request.Form["rid"]);

        db.TransportImages.Add(transport);
        db.SaveChanges();
        return RedirectToAction("Image", new { id = transport.TransportId });
    }
    0 references
    protected override void Dispose(bool disposing)
    {
        if (disposing)
        {
            db.Dispose();
        }
        base.Dispose(disposing);
    }
}
```

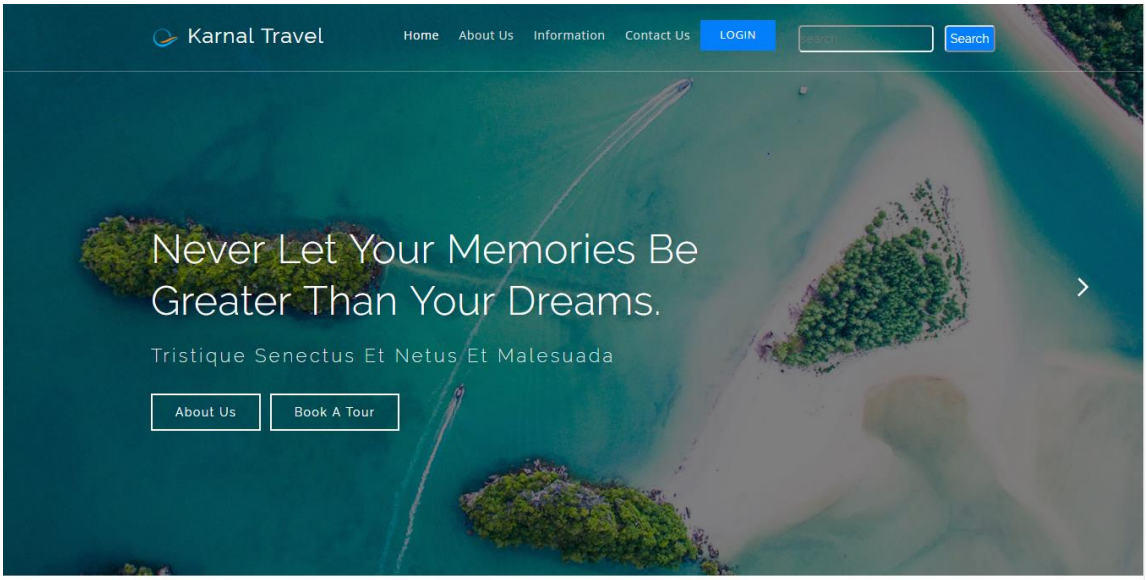
```
<h2>Add Image For @ViewBag.rname</h2><br />

<form method="post" enctype="multipart/form-data">
    <input type="hidden" name="rid" value="@ViewBag.rid" />
    <input type="file" name="file" value="" class="btn btn-primary" required />
    <input type="submit" name="name" value="Submit" class="btn btn-success" />
</form>
<br />
<table>
    <tr>
        <td>
            <div class="row">
                @foreach (var item in imglst)
                {
                    <img src="~/Uploading/@item.imgurl" width="230" height="250" />

                }

            </div>
        </td>
    </tr>
</table>
<br />
<div>
    @Html.ActionLink("Back to List", "Index")
</div>
```

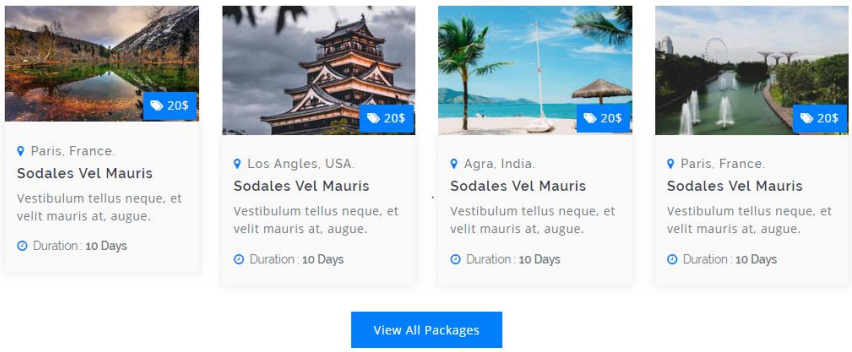
```
@{
    ViewBag.Title = "Index";
    Layout = "~/Views/Shared/FrontEnd.cshtml";
    var points = (IEnumerable<KarnalTravel.TouristSpot>)ViewBag.Touristspot;
    var restaurents = (IEnumerable<KarnalTravel.Resturant>)ViewBag.restaurents;
    var hotel = (IEnumerable<KarnalTravel.Hotel>)ViewBag.hotels;
    var resorts = (IEnumerable<KarnalTravel.Resorts_>)ViewBag.Resorts;
    var transportation = (IEnumerable<KarnalTravel.Transportion>)ViewBag.Transport;
}
```

```
<section class="destinations py-5" id="destinations">
    <div class="container py-xl-5 py-lg-3">
        <h3 class="heading text-capitalize text-center">Resturants </h3>
        <p class="text mt-2 mb-5 text-center">Vestibulum tellus neque, sodales vel mauris at, rhoncus finibus augue. Vestibulum urna ligula,
        <div class="row inner-sec-w3layouts-w3pvt-lauinfo">

            @foreach (var item in restaurents)
            {
                <div class="col-md-3 col-sm-6 col-6 destinations-grids text-center">

                    <div class="image-position position-relative">
                        <img src="~/uploading/@item.Photo" class="img-fluid" alt="" width="300">

                    </div>
                    <h4>@item.Name</h4>
                    <h6 class="destination mb-3">
                        @if (item.Country != null)
                        {
                            var cname = item.Country.Name;<span>@cname</span>
                        }
                    </h6>
                    <p>@item.Details</p>
                    <div class="destinations-info">
                        <div class="caption mb-lg-3">
                            <h4>@item.Name</h4>
                            <a href="booking.html">Details</a>
                        </div>
                    </div>
                </div>
            }
```

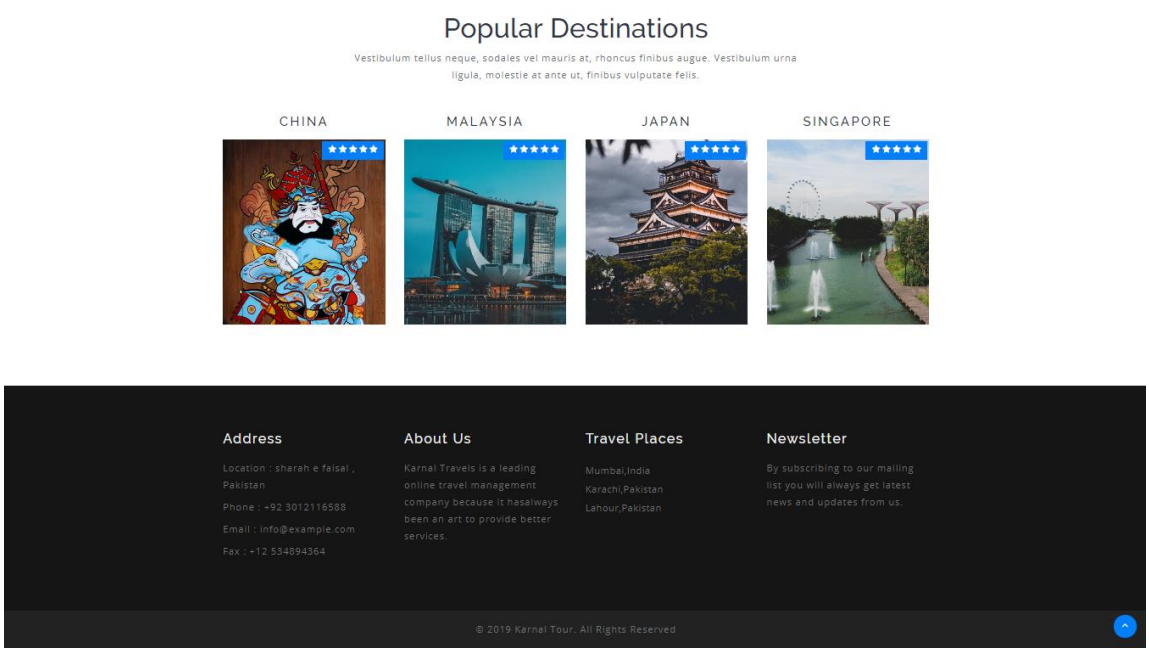
INTERFACE DESIGN

Home page

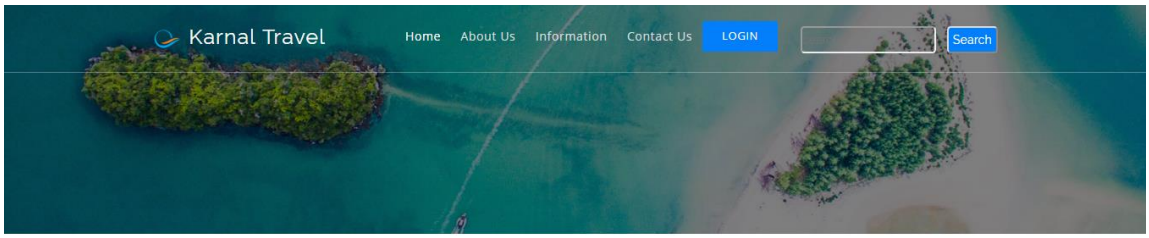




Footer



About us

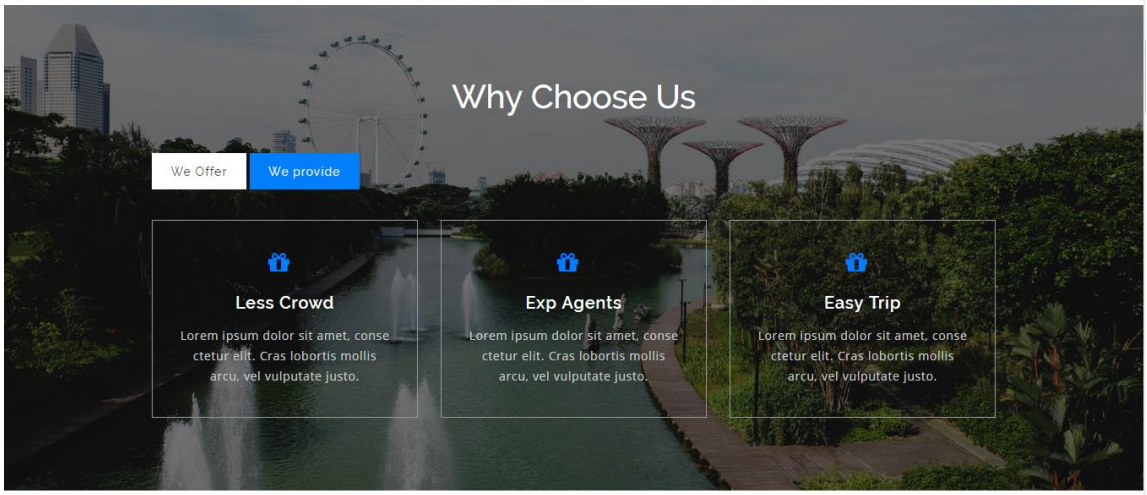


A few words about us

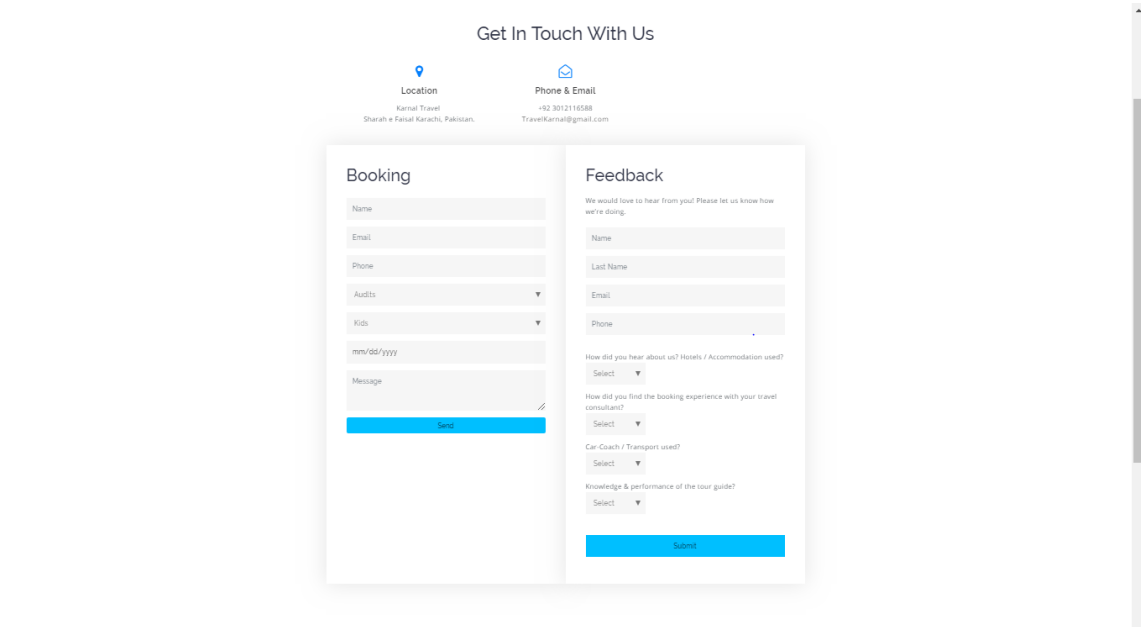
Karnal Travels is a leading online travel management company because it hasalways been an art to provide better services. It involves plenty of activities such as Airline Ticketing, Hotel Booking Agents, Car & Coach Rental,Passport & Visa Services, Travel Insurance, Tour Operators.Thus,while planning all the bookings we co-ordinate with our experts so that we provide the best and reasonable service to our clients.We not only excel at helping you get your trip planned but we also make sure that each trip is an exceptional trip filled with inspiring and life-enriching experiences.

We Will Take You To The Top Destination In The World, **Explore With Us!**

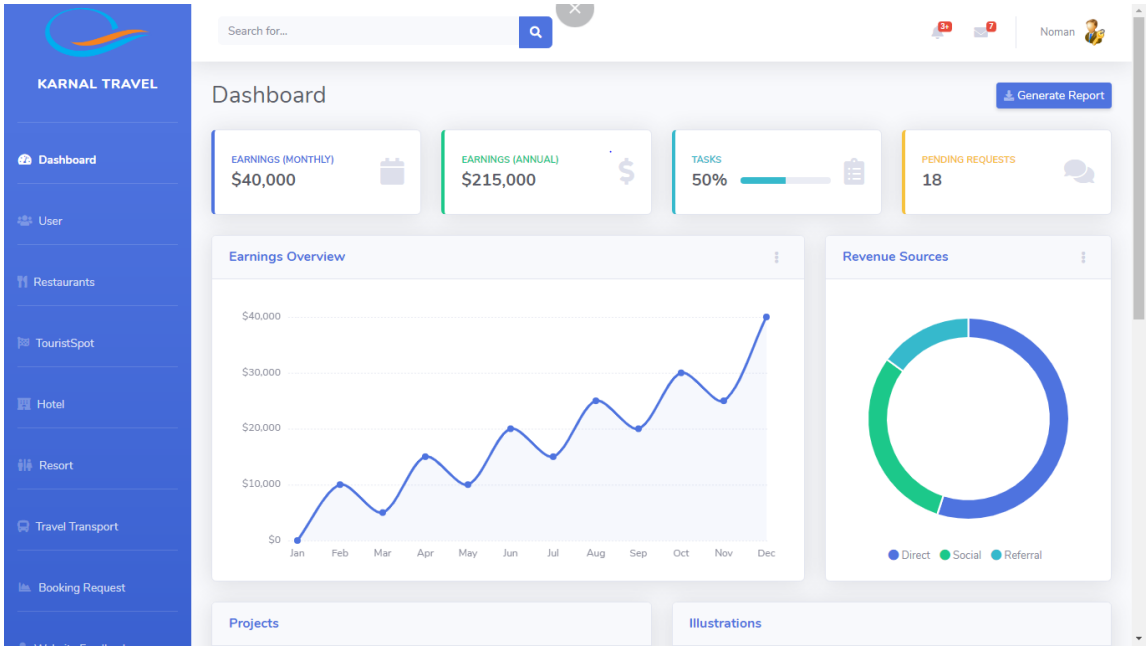
Duis nisi sapien, elementum finibus fermentum eget, aliquet leo et. Mauris hendrerit vel ex. Quisque vitae luctus massa. Phasellus sed aliquam leo. Vestibulum ullamcorper a massa eu fringilla. Integer


Why Choose Us
We Offer
We provide
Less Crowd
Lorem ipsum dolor sit amet, conse ctetur elit. Cras lobortis mollis arcu, vel vulputate justo.
Exp Agents
Lorem ipsum dolor sit amet, conse ctetur elit. Cras lobortis mollis arcu, vel vulputate justo.
Easy Trip
Lorem ipsum dolor sit amet, conse ctetur elit. Cras lobortis mollis arcu, vel vulputate justo.

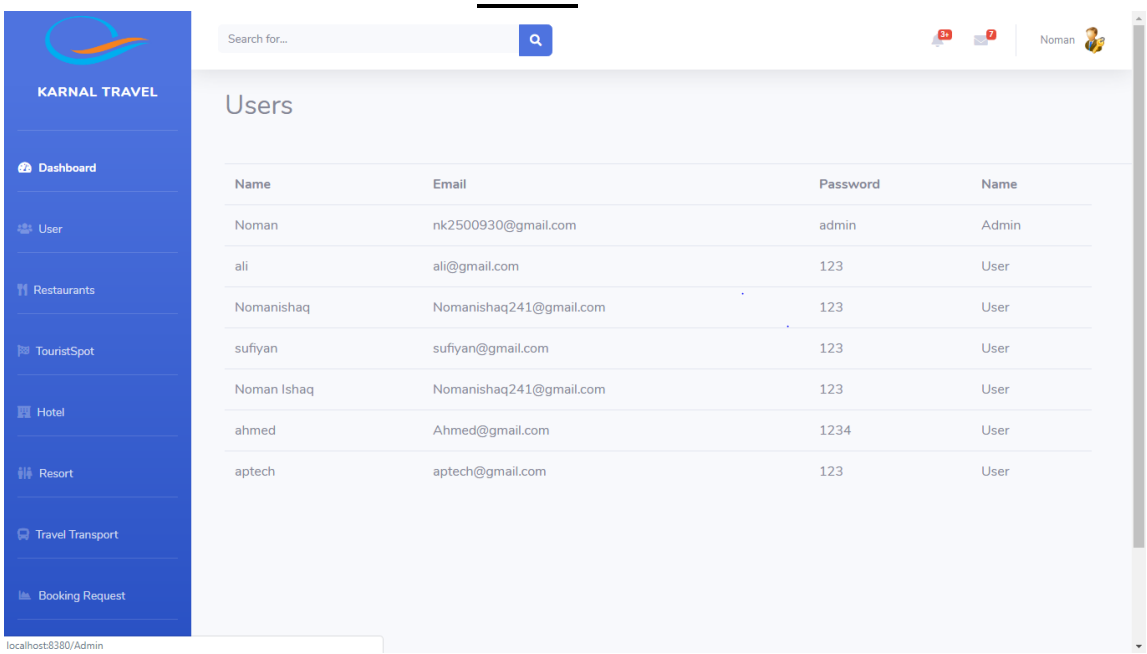
Contact us


Get In Touch With Us
Location
Karnal Travel
Sharah e Faisal Karachi, Pakistan.
Phone & Email
+92 3012116588
TravelKarnal@gmail.com
Booking
Name
Email
Phone
Audits
Kids
mm/dd/yyyy
Message
Send
Feedback
We would love to hear from you! Please let us know how we're doing.
Name
Last Name
Email
Phone
How did you hear about us? Hotels / Accommodation used?
Select
How did you find the booking experience with your travel consultant?
Select
Car-Coach / Transport used?
Select
Knowledge & performance of the tour guide?
Select
Submit

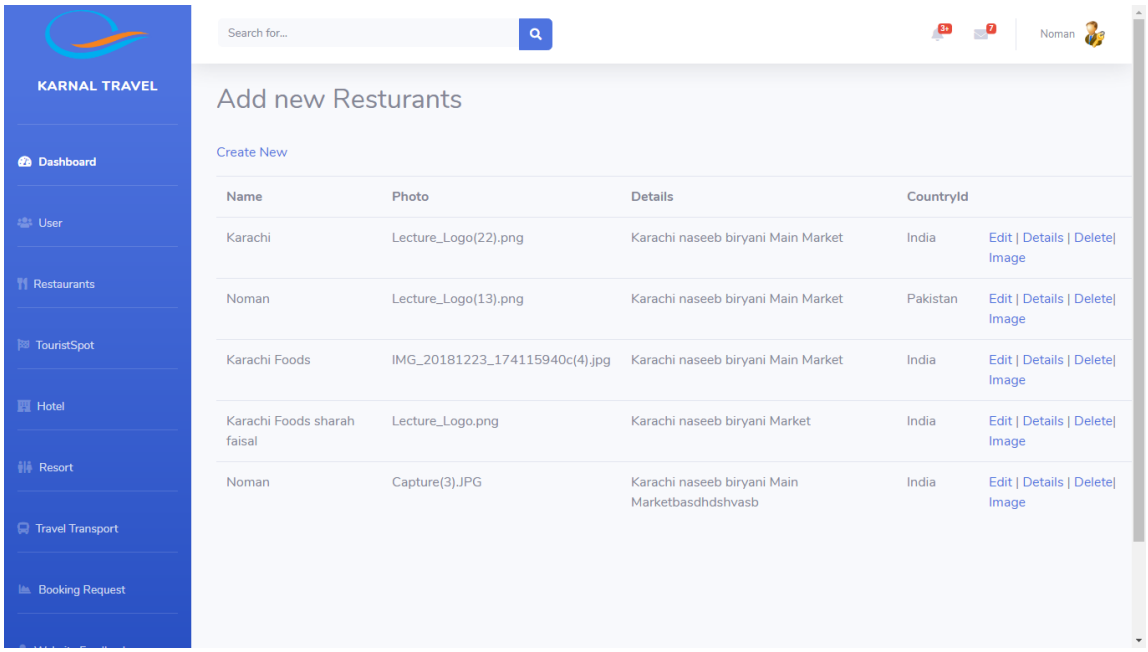
Admin Panel



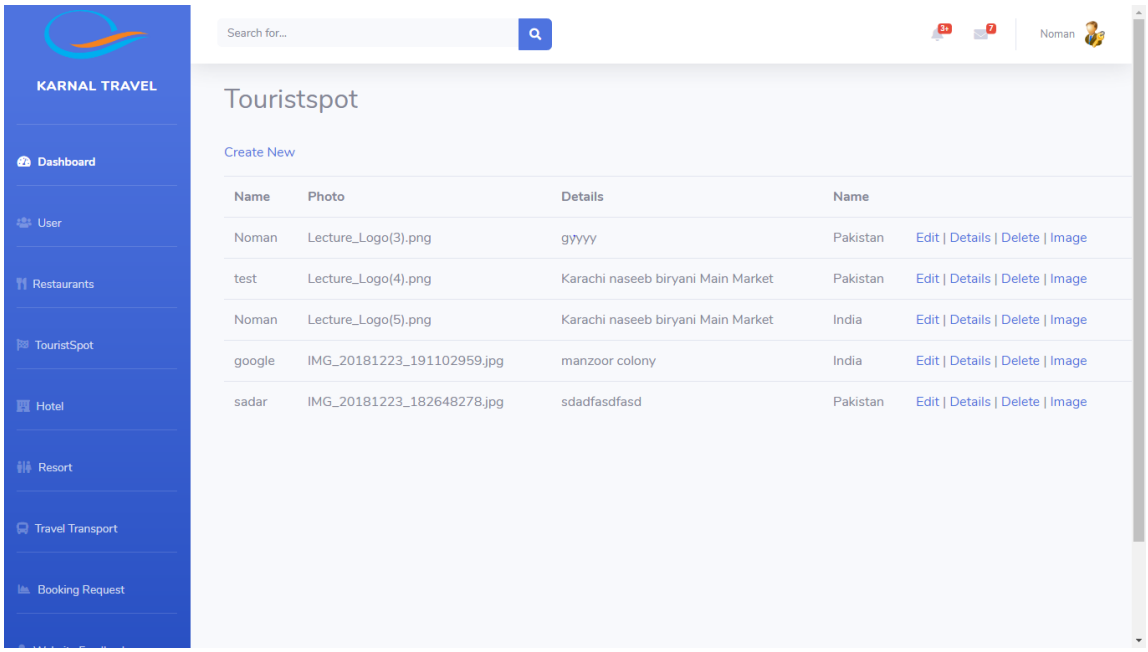
User



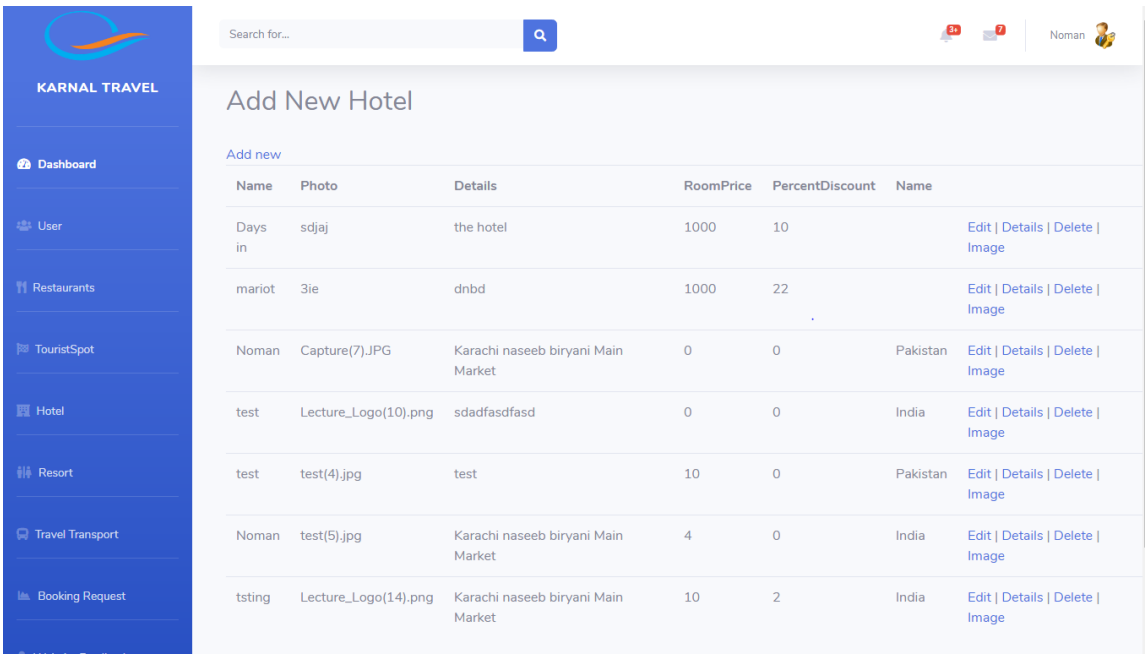
Restaurants



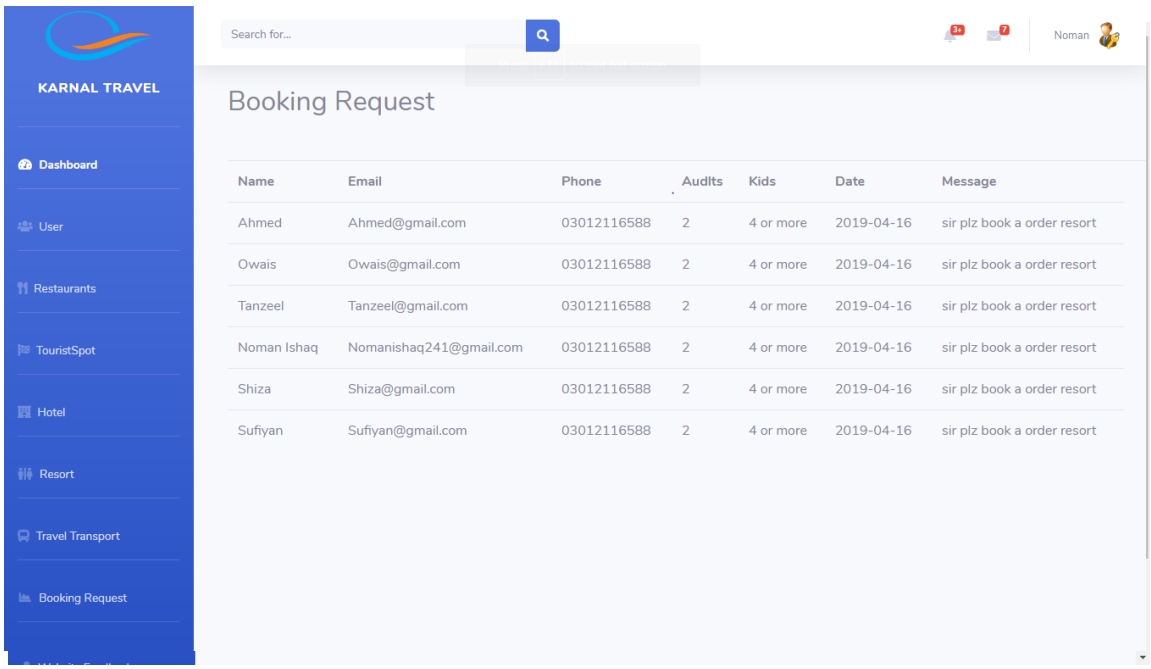
Tourist spot



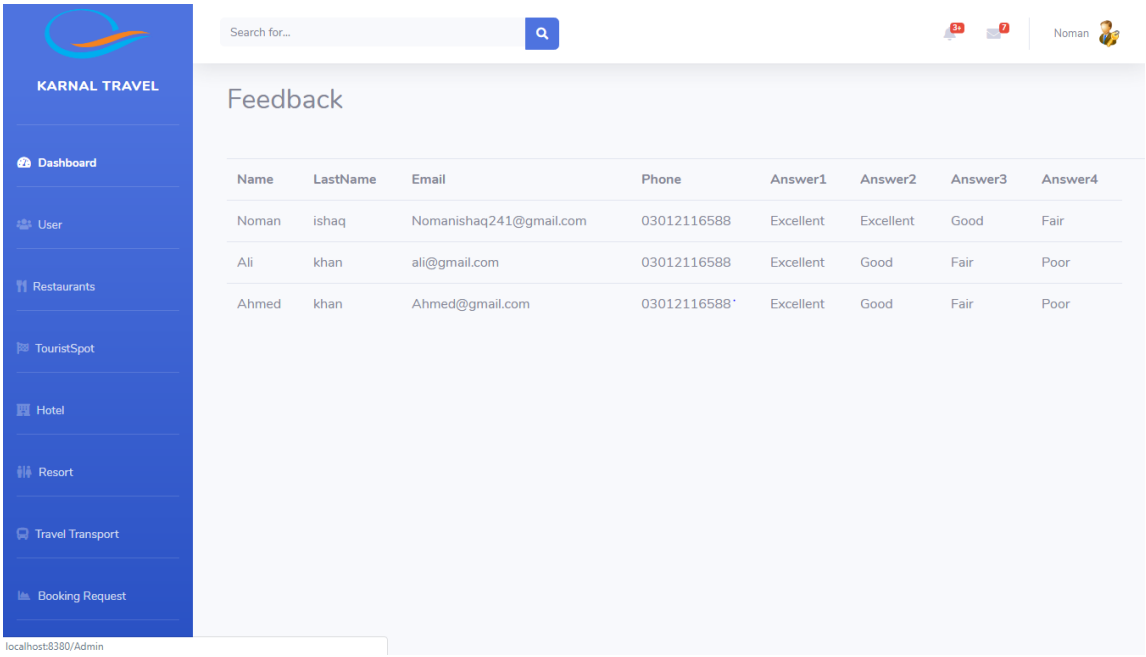
Hotel



Resorts



Feedback


KARNAL TRAVEL
Search for...
Noman
Dashboard
User
Restaurants
TouristSpot
Hotel
Resort
Travel Transport
Booking Request
Feedback
Name LastName Email Phone Answer1 Answer2 Answer3 Answer4
Noman ishaq Nomanishaq241@gmail.com 03012116588 Excellent Excellent Good Fair
Ali khan ali@gmail.com 03012116588 Excellent Good Fair Poor
Ahmed khan Ahmed@gmail.com 03012116588 Excellent Good Fair Poor
localhost:8380/Admin

TASK SHEET

Date	Task	Resource

UNIT TEST CHECK LIST

FINAL CHECK LIST

All the requirements specified by customer has been