



**Daffodil**  
*International*  
**University**

**PROJECT REPORT**

Course Title: Web Engineering

Course Code: CSE417

Project Title: **Tour Management System**

**SUBMITTED TO**

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## **Abstract**

The importance of information and efficient information management is steadily increasing due to the evolution of new technologies and high-capacity storage media but also because growing market dynamics raise information needs. A marketing decision support system (MDSS) can be of particular importance as it supports organizations in collecting, storing, processing, and disseminating information, and in the decision-making process by providing forecasts and decision models (Little 1979). The following article provides insights into a successful implementation of a MDSS in tourism. Based on findings on the analysis of the system's protocol files, it discusses the information needs in tourism management.

## Chapter 1

# Introduction

### 1.1 Project Title

Tour Management System. In this project a traveller can check for his desire tour place from the table of next tour or he/she can search his desire tour place. Also he can sign up and can update his details. In the admin panel admin can mainly update, delete, insert and view the tour details.

### 1.2 Introduction

Travel management system: This is an online project developed using PHP and MySQL. The purpose of this project is to provide the complete information about the vehicles available for a tour. There are 2 different types of users. First the customer visits the site and enters the place from where to where he wishes to travel. A user has to select his travel place and contact with the tour agency for booking. Before the tour starts, half payment has to be done. After the customer returns or reaches his final destination, he must pay full amount either through cash or through cards. The report is also generated periodically and the database will be cleared according to the time span for faster performance..

This project development a website for Tour management system with HTML-5, CSS 3, PHP as front-end & MYSQL as back-end. Tour management system planning the tour for their customer. It is an application which decreases few efforts of planning of trip or making of yours holidays happy. This system provides better services for booking tickets (train, air, etc...) & planning for visiting places & hotels facility & transportation mode.

### 1.3 Benefits:

- a) Faster processing time and more accurate data for travel requests and reimbursements
- b) Ability for travellers to track authorization and reimbursement request status through the system rather than via phone calls or campus mail
- c) Major technological upgrades to the current travel system
- d) Many new features and enhancements

### 1.4 Applications:

This application is built such a way that it should suits for all type of tour services in future. So every effort is taken to implement this project in this tour management system, on successful implementation in this tour management system, we can target other track desire travel place.

This application consists following modules.

1. **Administrator module**
2. **Travels module**

### **Administrator module:**

This module provides administrator related functionality. Administrator manages all information and has access rights to insert, delete, update and view the data related to places, travels, routes, bookings, discount amount, tour dates etc.

### **Traveller's module:**

This module provides the details of various travel agencies. A user can select the appropriate agency depending on convenience and accessibility. And a travel can register himself to the signup option in this application and can login to the dashboard and he can also update his details.

## **1.5 Objective:**

The objective of the Travel Management System project is to develop a system that automates the processes and activities of a travel and the purpose is to design a system using which one can perform all operations related to traveling.

## Chapter 2

# Architecture

### 2.1 Front End:

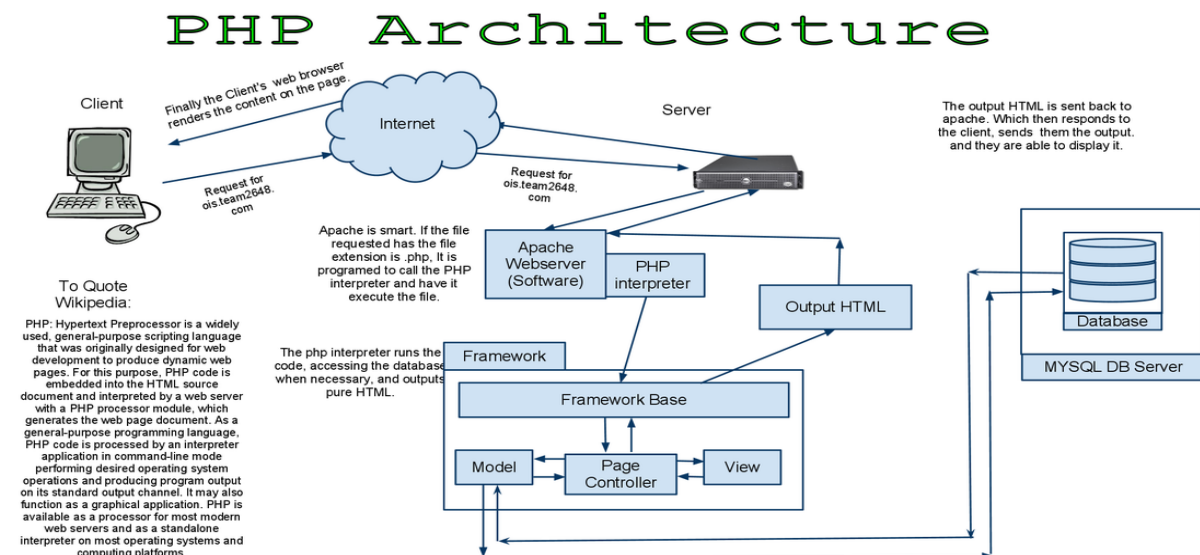
The front end is an interface between the user and the back end. The front and back ends may be distributed amongst one or more systems.

These days, front-end development refers to the part of the web users interact with. In the past, web development consisted of people who worked with Photoshop and those who could code HTML and CSS. Now, developers need a handle of programs like Photoshop and be able to code not only in HTML and CSS, but also JavaScript or jQuery, which is a compiled library of JavaScript.

Most of everything you see on any website is a mixture of HTML, CSS, and JavaScript, which are all controlled by the browser. For example, if you're using Google Chrome or Firefox, the browser is what translates all of the code in a manner for you to see and with which to interact, such as fonts, colors, drop-down menus, sliders, forms, etc. In order for all of this to work, though, there has to be something to support the front-end; this is where the backend comes into play.

In our project we used HTML-5, CSS3 & JavaScript for design the web application.

### Architecture of Front End user:

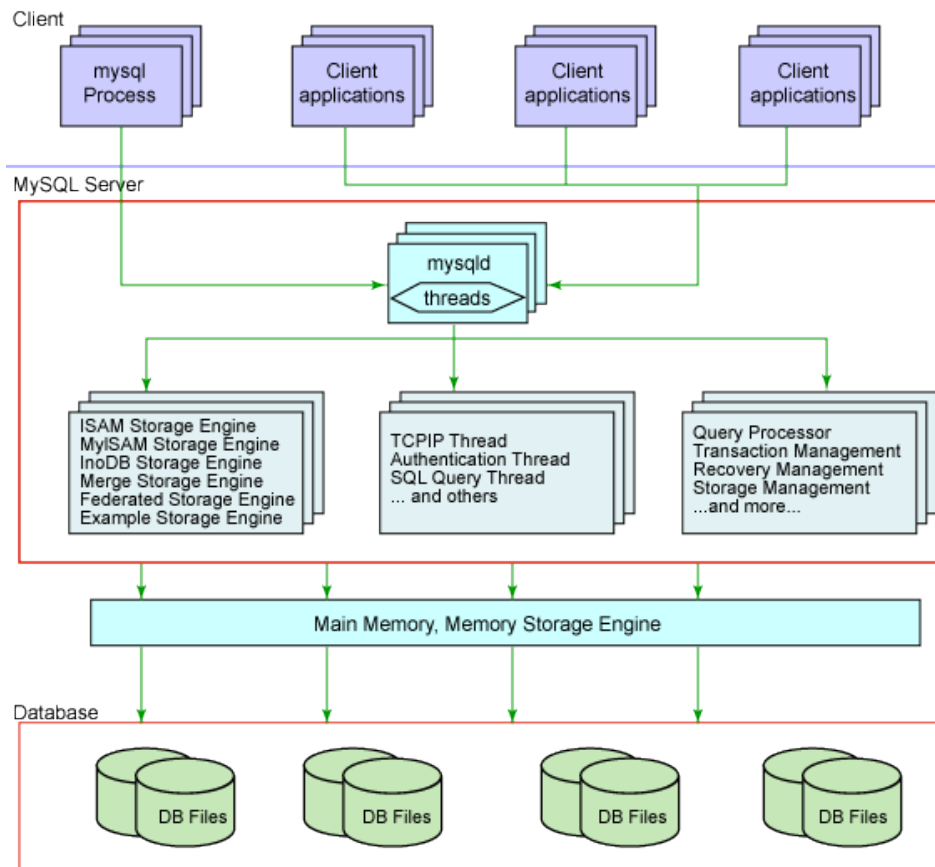


## 2.2 Back End:

For the back end and implementations we used PHP. By which we are able to do insert, update, login, delete, logout, view etc.

## 2.3 Database:

For storing data we used MySQL database. By this we are able to store travels data and tour schedule data.

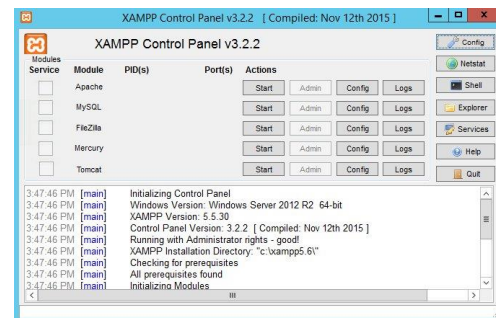


## Chapter 3

# Software and Tools

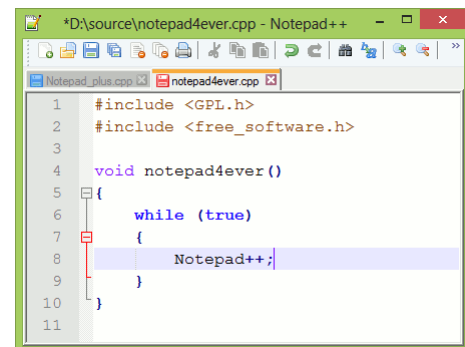
### 3.1 Xampp

For developing our tour management system project we needed a server. So we used Xampp which helps us to create a localhost server for our project working.



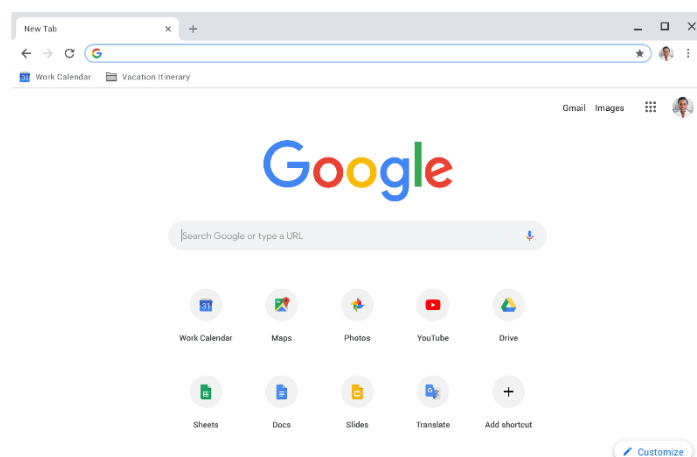
### 3.2 Notepad++

For writing code we used notepad++. So we are able to do coding for each page.



### 3.3 Chrome Browser

For the view of our work process and the design with implements we used chrome browser. This browser mostly helps us for doing the design part by its own tool inspect elements.

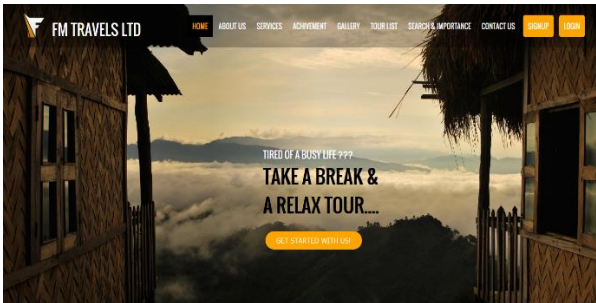




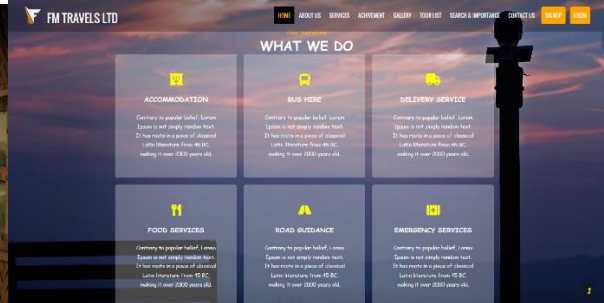
## Chapter 4

## Project Demo (Screenshots)

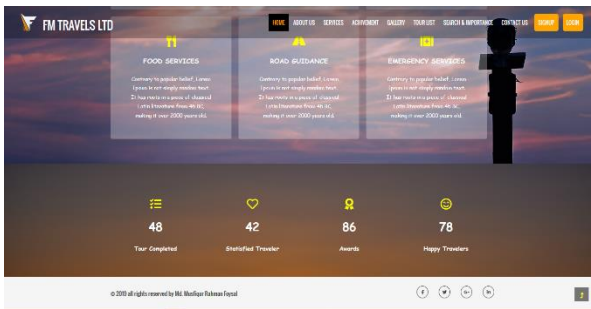
## 4.1 Front End Design



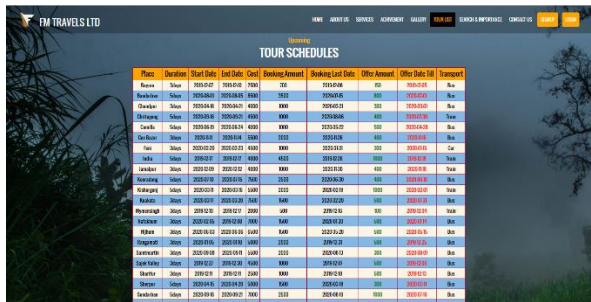
## Home Page



## Services



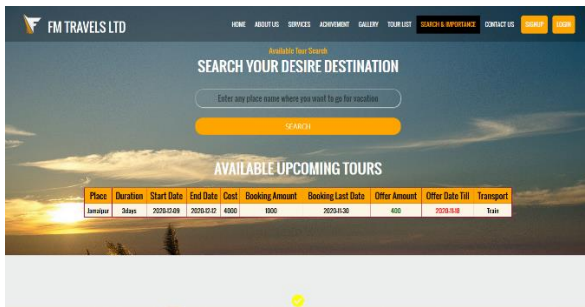
## Achievements & Footer



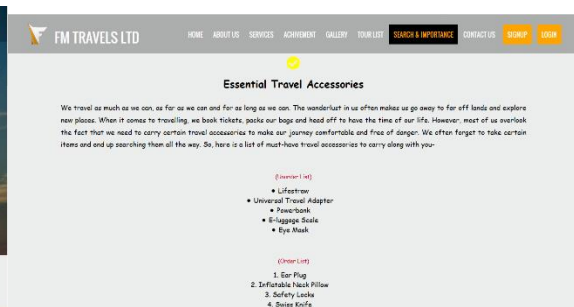
## Dynamic Table



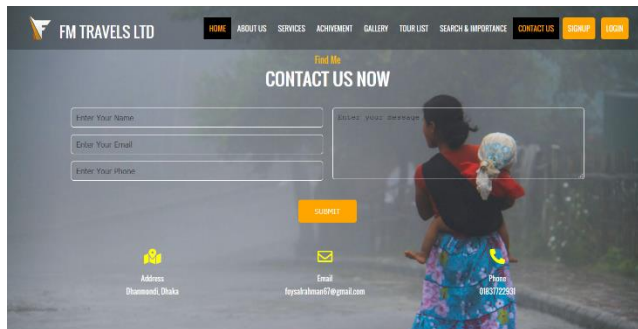
## Static Table



## Tour Search Field



## Different Types HTML List



**FM TRAVELS LTD**

HOME ABOUT US SERVICES ACHIEVEMENT GALLERY TOUR LIST SEARCH & IMPORTANCE CONTACT US SIGNUP LOGIN

Find Me  
**CONTACT US NOW**

Enter Your Name  
Enter Your Email  
Enter Your Phone

ENTER YOUR MESSAGE

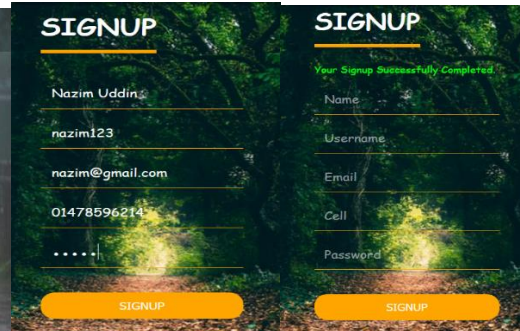
SUBMIT

Address  
Dharmad, Dhaka

Email  
foysalshamsi@gmail.com

Phone  
0187722639

Contact Us Form



**SIGNUP**

Your Signup Successfully Completed

Name  
Nazim Uddin

Username  
nazim123

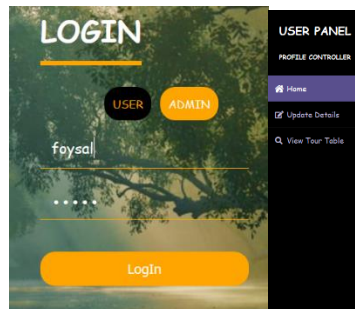
Email  
nazim@gmail.com

Cell  
01478596214

Password  
.....

SIGNUP

Signup Form



**LOGIN**

USER ADMIN

foysal

.....

Login

**USER PANEL**

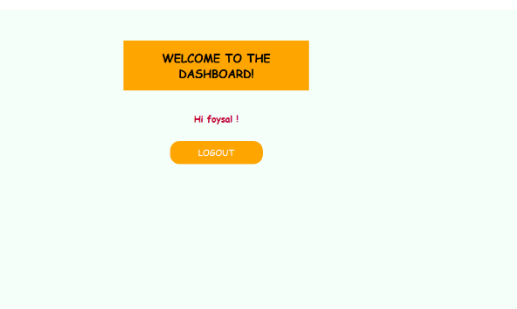
PROFILE CONTROLLER

Home

Update Details

View Tour Table

User Login

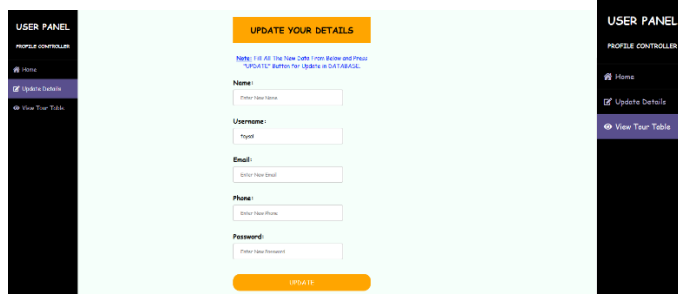


**WELCOME TO THE DASHBOARD!**

Hi foysal !

LOGOUT

User Dashboard



**UPDATE YOUR DETAILS**

Note: (If All The New Info From Below And Press UPDATE Your Details New Update is Set To Make)

Name  
Enter Your Name

Username  
foysal

Email  
Enter Your Email

Phone  
Enter Your Phone

Password  
Enter Your Password

UPDATE

**USER PANEL**

PROFILE CONTROLLER

Home

Update Details

View Tour Table

User Details Update



**TOUR DETAILS TABLE**

Place	Duration	Start Date	End Date	Car	Booking Amount	Booking Last Date	Offer Amount	Offer Date Till	Transport
Bagura	3days	2019-12-07	2019-12-10	2500	700	2019-12-06	150	2019-12-05	Bus
Bandarban	3days	2020-08-01	2020-08-05	8500	2500	2020-07-15	800	2020-07-01	Bus
Chandpur	3days	2020-04-16	2020-04-21	4000	1000	2020-03-31	300	2020-03-01	Bus
Chittagong	3days	2020-09-16	2020-09-21	4000	1000	2020-08-06	400	2020-07-30	Truck
Comilla	3days	2020-06-19	2020-06-24	4000	1000	2020-05-22	300	2020-04-28	Bus
Cox Bazar	3days	2020-11-11	2020-11-14	9500	2000	2020-11-26	400	2020-11-16	Bus
Feni	3days	2020-02-20	2020-02-23	4500	1000	2020-01-31	300	2020-01-15	Car
Idalia	3days	2019-12-17	2019-12-17	4000	4000	2019-12-26	1000	2019-12-18	Truck
Jamalgur	3days	2020-12-09	2020-12-12	4000	1000	2020-11-30	400	2020-11-18	Truck
Karnanong	3days	2020-07-10	2020-07-10	7500	2500	2020-06-30	400	2020-06-10	Bus
Kulsharga	3days	2020-03-11	2020-03-18	5500	2000	2020-02-19	1000	2020-02-02	Truck
Kushtia	3days	2020-03-17	2020-03-20	7500	1500	2020-02-20	500	2020-01-01	Bus
Mymensingh	3days	2019-12-10	2019-12-17	2000	500	2019-12-16	100	2019-12-04	Truck
Nafakum	3days	2020-02-05	2019-12-08	7000	1500	2020-01-30	500	2020-01-14	Bus
Naljun	3days	2020-06-03	2020-06-06	6500	1500	2020-05-28	500	2020-05-15	Bus
Naragmati	3days	2020-01-05	2020-01-10	5000	2000	2019-12-31	500	2019-12-25	Bus

**USER PANEL**

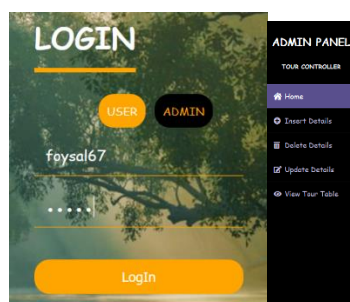
PROFILE CONTROLLER

Home

Update Details

View Tour Table

View Tour Table



**LOGIN**

USER ADMIN

foysal67

.....

Login

**ADMIN PANEL**

TOUR CONTROLLER

Home

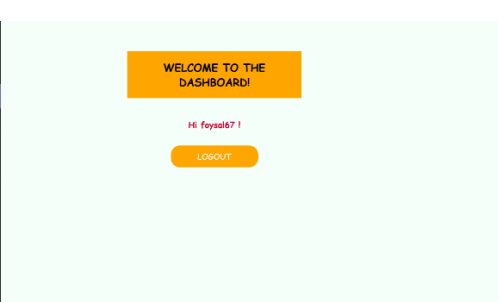
Insert Details

Delete Details

Update Details

View Tour Table

Admin Login



**WELCOME TO THE DASHBOARD!**

Hi foysal67 !

LOGOUT

Admin Dashboard

ADMIN PANEL  
TOUR CONTROLLER  
Home  
Insert Details  
Delete Details  
Update Details  
View Tour Table

Database Connection Successful  
**INSERT TOUR DETAILS**  
Insertion of Tour Details is Successful  
Tour Place Name:  
  
Tour Duration:  
☐ 3 days  
☐ 5 days  
☐ 7 days  
Tour Date:  
  
  
Tour Cost:

ADMIN PANEL  
TOUR CONTROLLER  
Home  
Insert Details  
Delete Details  
Update Details  
View Tour Table

Database Connection Successful  
**UPDATE TOUR DETAILS**  
Update of Tour Details is Successful  
Note: First Select Your Desired Tour Place From Dropdown & Fill All The New Data From Below and Press "UPDATE" Button for Update in DATABASE After That You Need to Refresh The Page By Pressing "REFRESH" Button for Next Update.  
Select a Tour Place Name for Update:  
  
Tour Place Name:  
  
Tour Duration:  
☐ 3 days  
☐ 5 days  
☐ 7 days

Insert Tour Details (5 Types Input)

Update Tour Details

ADMIN PANEL  
TOUR CONTROLLER  
Home  
Insert Details  
Delete Details  
Update Details  
View Tour Table

Database Connection Successful  
**SELECT TOUR NAME**  
Note: First Select Your Desired Tour Place From Dropdown & Press "DELETE" Button for Delete in DATABASE After That You Need to Refresh The Page By Pressing "REFRESH" Button  
Tour Place Name:

ADMIN PANEL  
TOUR CONTROLLER  
Home  
Insert Details  
Delete Details  
Update Details  
View Tour Table

**TOUR DETAILS TABLE**  

Place	Duration	Start Date	End Date	Cost	Booking Amount	Booking Last Date	Offer Amount	Offer Date Till	Transport
Bangor	5days	2019-12-07	2019-12-10	2500	700	2019-12-06	150	2019-12-09	Bus
Banarwan	5days	2020-08-01	2020-08-05	8500	2300	2020-07-15	800	2020-07-01	Bus
Chandigarh	5days	2020-04-18	2020-04-21	4000	1000	2020-03-31	300	2020-03-01	Bus
Chitragang	5days	2020-09-18	2020-09-21	4500	1000	2020-08-06	400	2020-07-30	Truck
Canillo	5days	2020-06-19	2020-06-24	4000	1000	2020-05-22	500	2020-04-28	Bus
Cox Bazar	5days	2020-11-11	2020-11-14	5500	2000	2020-11-26	400	2020-11-16	Bus
Pani	5days	2020-02-20	2020-02-23	4500	1000	2020-01-31	300	2020-01-19	Car
Dafu	5days	2019-12-17	2019-12-17	4000	1000	2019-12-24	1000	2019-12-18	Truck
Zhangjiapuzi	5days	2020-12-09	2020-12-12	4000	1000	2020-11-30	400	2020-11-18	Truck
Karandag	5days	2020-07-15	2020-07-15	7500	2500	2020-06-30	400	2020-06-10	Bus
Kishanganj	5days	2020-03-11	2020-03-16	5500	2000	2020-02-19	1000	2020-02-01	Truck
Kushka	5days	2020-03-17	2020-03-20	7500	1500	2020-02-20	500	2020-01-31	Bus
Hymenongsh	5days	2019-12-10	2019-12-17	2000	500	2019-12-16	100	2019-12-04	Truck
Nalkeham	5days	2020-02-01	2019-12-08	7000	1000	2020-01-16	100	2020-01-14	Bus
Nigun	5days	2020-06-09	2020-06-09	6500	1500	2020-05-08	500	2020-05-15	Bus

Delete Tour Details

Check Tour Table

## 4.2 Back End: Code Sample (HTML, CSS & JAVASCRIPT)

```

1 <!-- Slider Part -->
2 <div id="home">
3 <div class="container">
4 <div class="row">
5 <div class="col-100 author_text">
6 <div class="intro">
7 <h1 class="text">Tired of a busy life ???/h1
8 <h2 class="text">Take a break & enjoy Relax Tour.../h2
9 <button type="submit" onclick="window.location.href = 'index.php#about';" class="btn">Get Started with Us/!button
10
11 </div>
12 </div>
13 </div>
14 </div>
15 </div>
16
17 <!-- About Me Part -->
18 <div id="about">
19 <div class="container">
20 <div class="row">
21 <div class="col-50">
22 <h2>About <b>FM Travels LTD</b>/h2>
23 <p>FM Travels LTD aims to increase awareness of many tourist attractions, to encourage and support travel to FM Travels LTD. Although associated with the FM Travels LTD National Tourist Office - North America, FM Travels LTD remains an independent, non-profit, initiative to produce web content and to offer

```

```

1 {
2 padding:0;
3 margin:0;
4
5 }
6 body{
7 font-family:oswald;
8
9 }
10 h1{
11 color:black;
12 font-size:2.25rem;
13 text-align:center;
14 text-transform:uppercase;
15
16 }
17 h2{
18 color:#FFB000;
19 font-size:1.125rem;
20 font-weight:500;
21 text-align:center;
22
23 }
24 h3{
25 color: #a7a7a7;
26 line-height: 1.8;
27 font-size: 1rem;
28 text-align: center;
29 }
30
31 /* ===== HEADER PART ===== */
32 header{
33 padding-top: 20px;
34 padding-bottom: 5px;
35 width: 100%;
36 position: fixed;
37 background-color: #00000045;
38 overflow: hidden;
39 z-index: 99;
40
41 }
42 .company img{
43 float: left;
44 display: block;
45
46 }
47 .company h2{
48 float: left;
49 color: white;
50 font-size: 2rem;
51 text-transform: uppercase;
52 margin: 10px;

```

Index.php (HTML)

Style.css (CSS)

```

67
68
69
70 /* ===== UPPER BUTTON SCROLL START ===== */
71
72 $(window).scroll(function(){
73 var x = $(window).scrollTop();
74 if(x > 1000){
75 $('#upper').fadeIn(1000);
76
77 }else{
78 $('#upper').fadeOut(1000);
79
80 }
81
82 $('#upper').click(function(){
83 $('#html').animate({scrollTop:0},2000);
84
85 });
86
87
88

```

```

function myValidation(){
var name = document.forms['contactForm']['name'].value;
var email = document.forms['contactForm']['email'].value;
var phone = document.forms['contactForm']['phone'].value;
var message = document.forms['contactForm']['message'].value;

var error = [];
if(name == '' || name.length < 3){
error[0] = "Name must be at least 3 letters";
document.getElementById('name-error').innerHTML = error[0];
}else{
document.getElementById('name-error').innerHTML = '';
}
if(email == '' || email.length < 10){
error[1] = "Please insert a valid email";
document.getElementById('email-error').innerHTML = error[1];
}else{
document.getElementById('email-error').innerHTML = '';
}
if(phone == '' || phone.length < 11){
error[2] = "Please insert a valid phone number";
document.getElementById('phone-error').innerHTML = error[2];
}else{
document.getElementById('phone-error').innerHTML = '';
}
if(message == '' || message.length < 30){
error[3] = "Message must be 30 character";
document.getElementById('message-error').innerHTML = error[3];
}else{
document.getElementById('message-error').innerHTML = '';
}
}

```

Custom.js (JavaScript)

## Chapter 5

# Limitation and Uses in Real Life

### 5.1 Constrains and Limitations

The constraints and limitation within a system are the drawbacks that occur during the implementation of the system. These limitations and constraints can crop up in almost every system; the most important fact is to find a way to overcome these problems.

Software design is the first of three technical activities – design, code generation, and test that are required to build and verify the software. Each activity transforms information in manner that ultimately results in validated computer software .The design task produces a data design, an architectural design, an interface design and component design.

The design of an information system produces the details that clearly describe how a system will meet the requirements identified during system analysis. The system design process is not a step by step adherence of clear procedures and guidelines. When I started working on system design, I face different types of problems; many of these are due to constraints imposed by the user or limitations of hardware and software available. Sometimes it was quite difficult to enumerate that complexity of the problems and solutions thereof since the variety of likely problems is so great and no solutions are exactly similar however the following consideration I kept in mind during design phased.

### 5.2 Usage in Real Life

This application can be used for any tour agency company for maintaining their customer and providing accurate services in keep everything under surveillance. Although this application can store many large data and can handle many users at a lowest time. Also this application is cause of benefits in every side for a tour agency company.

## Chapter 6

# Advantages and Disadvantages

### 6.1 Advantages

This application is able to handle many users' data. Users can easily find their destination travel place and can see the discount offer. So they can easily book their desire tour place. Also this application provides you some important details like which essential things you need to keep with you when you are going to travel. Also this application provides a user's a clear concept of a travel agency. A user can login and update his details and can see the tour table details. An admin can insert, update, delete and can view the tour table for checking with working. A traveller is also able to check his desire tour place by searching. This application is user friendly UI and so faster.

### 6.2 Disadvantages

This applications most important disadvantages is its validation. So now this application is not implemented with validation. So admin have to insert the tour details with manual understanding. And now this application is based on one travel primary option. So if admin need to assign same tour place for another it's not possible. So this need to be update for multiple tour events at a time. And also a traveller cannot do many things after login. So here some traveller controller tools are missing.

## Chapter 7

# Future Possibilities and Conclusion

### 7.1 Future Possibilities and Improvements

In future we can work more on this project. We can work for validation and can add more options with the help of MVC. Our project will be able to use for big data work and for big company.

### 7.2 Conclusion

This program is full of potential to help traveller to easily get their best holiday with a great tour. Also an admin can easily work for updating and managing their tour packages. This project is mostly a futuristic application.

### 7.3 References

1. <https://www.stackoverflow.com>
2. <https://www.en.wikipedia.com>
3. <https://www.github.com>
4. <https://www.codeproject.com>
5. <https://www.phptherightway.com/>
6. <https://www.w3schools.com/>
7. <https://www.mysql.com/>
8. <https://www.javatpoint.com/>
9. <https://www.javascript.info/animation>
10. <https://www.youtube.com>