



## Chapter 3

Page | 10

### 3.0. Specific Requirement.

- ASP.NET : Front End
- HTML5, CSS3 and JQuery : Client Side(JAVA Script)
- SQL Server : Back End
- IIS : Web Server

### 3.1 Supplementary Requirement

#### Safety Requirements

Highly recommend Quick Heal 2017 internet security to be installed in users' PCs to prevent the harm that may occur by unwanted malicious software's, phishing URLs and all the types of virus attacks during using this application..

#### Security Requirements

All users should be properly authenticated before allowed entry into the system. Authentication will be based on an E-mail address, and a password. All activities on the system must be logged.

#### Non-Functional Requirements

- Secure access of confidential data (user's details). SSL can be used.
- 24 X 7 availability.
- Better component design to get better performance at peak time.
- Flexible service based architecture will be highly desirable for future extension.

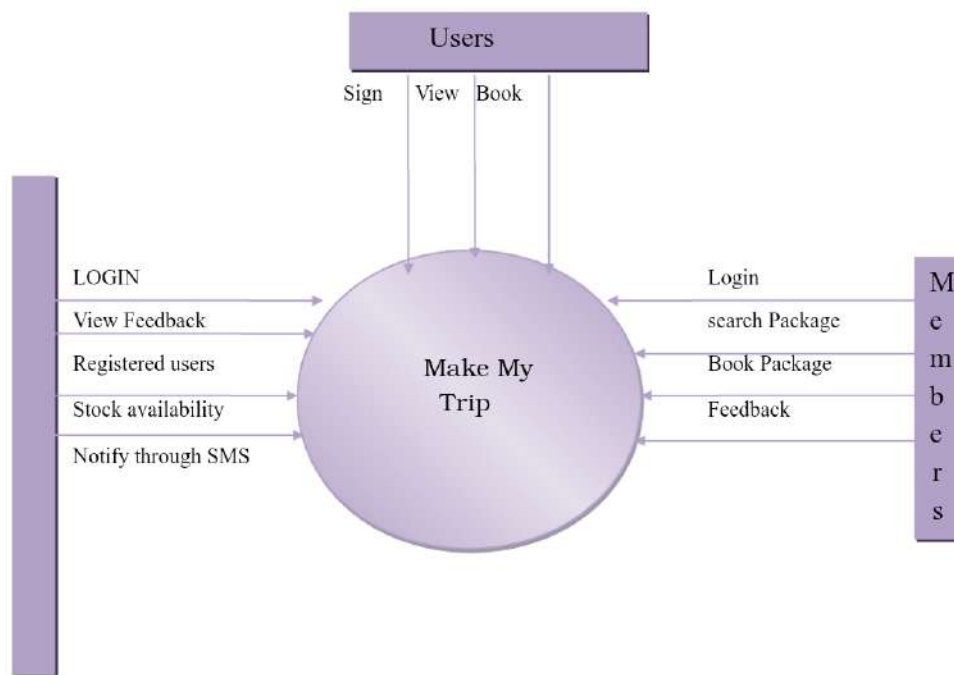
#### Other Requirements

The user must be agreed with all the terms and conditions that have been provided by the System Administrator, local authority and should obey to all International standards and Protocols.



### 2.5.1. Context Level Diagram Level(0):

Page | 9



## Chapter 3

Page | 10

### 3.0. Specific

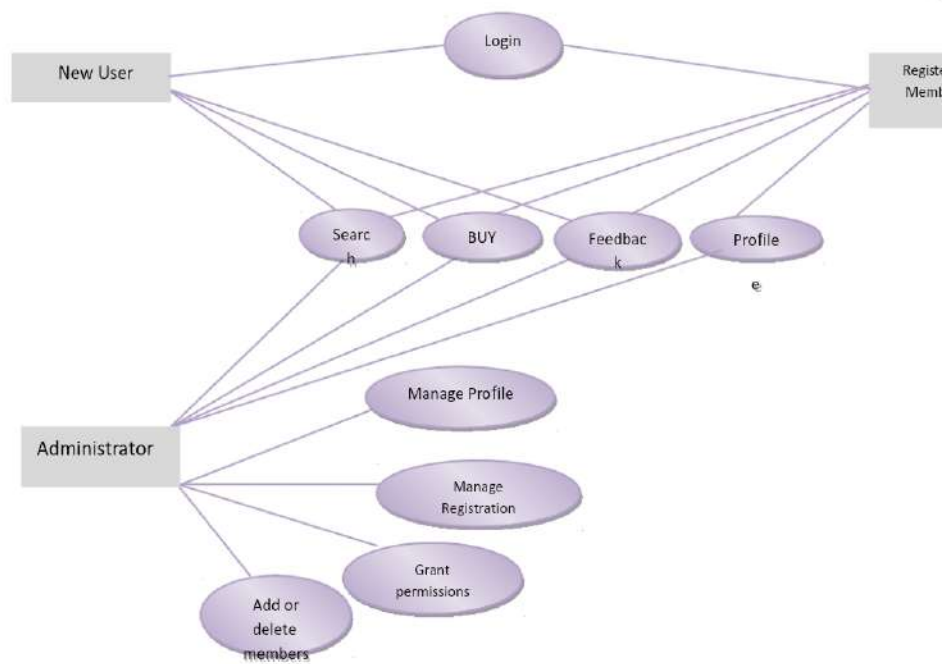
21

1





traditional approach. It used a combination of text and pictures in order to improve the understanding of requirements. The use case describe 'what of a system and not how of a system'. They only give the functional view of the system.



USE CASE DIAGRAM

## 2.5. Data Flow Diagram

### 2.5.1. Context Level Diagram Level(0):

Page | 9





### Functional Requirement 11

- **Description**  
Payment gateway
- **Input**  
Card details including card number, CVV, expiry date.
- **Processing**  
Checks the information provided to bank server. If successful, money gets debited from user bank account and credited to site owners account, else display error.
- **Output**  
Message registered successful if no error was generated else display error message.

### Functional Requirement 12

- **Description**  
Rate and review us
- **Input**  
Comment on a particular tour plan or service.
- **Processing**  
Stores the comments about that particular tour plan/services in the database.
- **Output**  
Confirmation message "thanks for rating us".

## 2.3. User Characteristics

- **Guest/Anonymous:** Non Members can visit the pages of website only and can not register for a trip.
- **Registered Members (customers):** Registered members can access all the functionalities provides on website. Registered Members have their own profiles.

## 2.4 Use Case Model

Use cases were designed for object oriented software development they focus on what the user need to do with the system. This approach is more powerful as compared to



21



1



traditional. Use cases are a set of requirements in order to improve the understanding of requirements. The use case describe 'what of a system and not how of a system'. They only give the functional view of the system.



Page | 6

- Processing  
Fetch the list of all the train according to details entered by the user.
- Output  
Displays the list of all the trains as per the user requirement.

#### Functional Requirement 8

- Description  
Search and book hotels
- Input  
Place and date
- Processing  
Fetch the list of all the hotels according to details entered by the user.
- Output  
Displays the list of all the hotels with cost as per the user requirement and when clicked on book redirects to payment gateway

#### Functional Requirement 9

- Description  
Confirm booking
- Input  
Select or click on train/bus/flight and number of persons travelling
- Processing  
Fetch the seat availability and if not available displays an error message.
- Output  
Redirects to payment gateway if seats are available.

#### Functional Requirement 10

- Description  
Tours
- Input  
Place and number of people travelling
- Processing  
Fetch the list of all the tour plans according to details entered by the user.
- Output  
Displays the tour plan with cost as well as places to be visited and accommodation details and when clicked on book redirects to payment gateway

Page | 7



21



1



#### Functional Requirement 11

- Description



- Description

Page | 5

Profile update to update the current details to the new one.

- Input  
Name in characters, email and password in alpha numeric value, mobile number, address, date of birth.
- Processing  
Storing the values entered by the user in the database
- Output  
Confirmation message profile updated successfully.

#### Functional Requirement 5

- Description  
Search flight
- Input  
Destination and boarding place and date of journey
- Processing  
Fetch the list of all the flight according to details entered by the user.
- Output  
Displays the list of all the flight as per the user requirement.

#### Functional Requirement 6

- Description  
Search buses
- Input  
Destination and boarding place and date of journey
- Processing  
Fetch the list of all the buses according to details entered by the user.
- Output  
Displays the list of all the buses as per the user requirement.

#### Functional Requirement 7

- Description  
Search trains
- Input  
Destination and boarding place and date of journey

Page | 6



21



1





## 2.2. Product Function

### Make My Trip:

#### Functional Requirement 1

- Description  
Ask the user to enter details in order to become a registered user.
- Input  
Name in characters, email and password in alpha numeric value
- Processing  
Storing the values entered in the database and check if a person with same email available or not. If not then store in database else an error generated.
- Output  
Confirmation message registered successfully.

#### Functional Requirement 2

- Description  
Initialize the username and password for login
- Input  
Username and password in alphanumeric value
- Processing  
Storing the values and checking whether true or not
- Output  
Confirmation message login successful else login failed.

#### Functional Requirement 3

- Description  
Form validation
- Input  
Name in characters, email and password in alpha numeric value
- Processing  
Storing the values entered and checking whether they are valid or invalid
- Output  
Confirmation message valid.

#### Functional Requirement 4

- Description

Page | 5



21



1



Profile details to .

- Input  
Name in characters, email and password in alpha numeric value, mobile number, address, date of birth.



**Existing System:**

- Manually Registration

**Drawbacks:**

- No refund on flight cancellations.
- People who doesn't have a knowledge of computer and internet cannot use the system
- Lots of advertising with spam emails.
- No comparison program like other sites.

**Proposed System:**

- Spam mails to be reduced.
- Notification through mobile messages.
- Comparison program of flights and hotels with other sites to be introduced.

**Our Plan:**

- Better offers for members.
- Online tracing for the users.
- Feedback from user

## Chapter 2

### General Description

#### 2.1. Product Perspective



The Make My Trip network system doesn't work independently. It has to work together with the computer software owned by the Hotels, Airlines, etc. There are clearly defined interfaces for the different systems.

Page | 4





# Chapter 1

## 1. Introduction

### 1.1 Purpose

**Make My Trip.** This website helps the users to plan their trips. The website offers numerous travelling and hotel packages that helps the user to plan his trip according to their budget. Other advantages of this product is route planner which helps to plan the route, the user should be undertaking and Forex for its international users

### 1.2 Scope

- There are two basic users – Anonymous, Registered Members(customers).
- The customer, through the process of account creation, will have the option to Become a member of the site.
- The system will allow customers to browse, search, select the kind of package they want.
- The customers with accounts get a personalized experience according to their previous trips.

### 1.3. Definitions

- ✓ **C++:** C++ language is intended to be a simple, modern, general-purpose, object-oriented programming language
- ✓ **SQL SERVER 2005:** Microsoft SQL Server is a relational database server, is a software product whose primary function is to store and retrieve data as requested by other software applications
- ✓ **HTML:** It is a Hypertext Markup Language used to design client side static web pages.
- ✓ **CSS: Cascading style sheets** is used for managing and formatting layout of HTML web pages.
- ✓ **HTTP: Hypertext Transfer Protocol:** It's a service protocol

### Overview

Page | 3

Existin

• N

Draw

• No

• People who doesn't have a knowledge of computer and internet cannot use the system

• Lots of advertising with spam emails.

• No comparison program like other sites

21

1





## Table of Contents\_

Description	Page No.
<b>1. Introduction</b>	
1.1. Purpose	
1.2. Scope	
1.3. Definition	
1.4. Overview	
<b>2. Overall Description</b>	
2.1. Product Perspective	
2.2. Product Function	
2.3. User Characteristics	
2.4. Use Case Model Description	
2.5. Data flow diagram	
<b>3. Specific Requirements</b>	
3.1. Specific Requirements	
3.2. Supplementary Requirements	

## Chapter 1

### 1. Int



21



1



#### 1.1 Purpose

**Make My Trip.** This website helps the users to plan their trips. The website offers numerous travelling and hotel packages that helps the user to plan his trip according to



# Make my trip - software requirement specification srs

Software Engineering (CSE 320)

*Lovely Professional University.*



## Make My Trip!

### S.R.S Document

**Submitted by**

Shubham Thakur  
11507593  
K1512

**Submitted to**

Mrs. Preeti Gupta  
(Assistant Professor)

Page | 1

## Table of Contents\_

Description

 21

 1



Page No.

1. Intro

1.1. Purpose

1.2. Scope

1.3. Definition

1.4. Overview