Software Requirements Specification

*for*

Travel Advisor Platform

**Version** 1.0 under Review

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**Creation Date:** 4/12/20222

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**Revision History**

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
|  |  |  |  |
|  |  |  |  |

# Introduction

## Purpose

* The purpose of this document is to present a detailed description of the Travel Advisor System which will guide the user of the system to view and travel to different destinations. It will explain the features of the system, interfaces of the system, what the system will do, the constraints under which it must operate.
* This is 1.00 version of the system

## Document Conventions

NA

## Intended Audience

This document is intended for both the stakeholders and the developers of the system.

## Project Scope

The Travel Advisor System is a web-based application for managing Tourism which helps the customers to view various places along with the different packages available with the reservations.

This project also covers various features like online registration of the users, adding details of the tours and their package information by the administrator of the website.

## References

* User requirements

# Overall Description

## Product Perspective

Travel Advisor Web Application is a new self-contained shell that covers all the major aspects in the computerization of a tourism agency. Some tasks are described in detail. User can enjoy sightseeing tours to any of the places, listed in Agencies Data File. Before that, the Customer has to make the booking by registering in the Data-File and informing .

**Booking:**

User can also book a flight

**Ratings:**

A rating E-mail is sent to the user after returning from the tour

**Admin:**

Administration, which is responsible for adding destinations, new admins, setting budget and creating users.

## Product Features

**Customer :**

The one who uses the system. For which the system is created.

**Administrator :**

The one who operates the system ,adds users or other admins , tours and their packages records in databases.

## Operating Environment

**Browsers:** Chrome, Firefox and Edge.

**Operating System:** Win 7,XP, Vista, 8, 10, 11

**Recommended Conf.:** 256mb RAM or higher, 10mb Disk space

**Screen Resolution:** 1024x768

## Design and Implementation Constraints

* *Web-based system*
* *Unique user IDs*
* *Admin feature needed*

## User Documentation

*N/A*

## Assumptions and Dependencies

* we are developing using c#
* Browsers: Chrome, Firefox and Edge.
* Operating System: Win 7,XP, Vista, 8, 10, 11
* Recommended Conf.: 256mb RAM or higher, 10mb Disk space
* Screen Resolution: 1024x768

# System Features [Functional Requirements]

*The System requirements are :*

This subsection contains the requirements for the Travel Advisor Platform. These requirements are organized by the features sequence to best capture the functional requirements of the system. All these functional requirements can be traced using a traceability matrix.

**3.1 Functional Requirements**

**3.1.1 User Requirements**

3.1.1.1 The System Shall Display Login and Registration Page <*if the user*

*don’t have account previously*>

3.1.1.2 The Login Page Should ask the User for <*username>* and

*<password>* then click on the login button

3.1.1.3 The System Should contains Registration Button to allow the user who

dont have account to login and discover the Platform

3.1.1.4 The Registration page should ask the user for *<first name> , <last*

*name>* , *<age> , <email> and <password>*

3.1.1.5 The System must generate unique *<UID>* for each user when

clicking Register

3.1.1.6 The system shall display photo gallery for all the available top rated

destinations

3.1.1.7 The System should contain available packages provided by the agency

3.1.1.8 The System must Contain booking flight button to allow user to book

3.1.1.9 The system should display budget and destination for each tour

3.1.1.10 The system should allow the user to confirm his package

3.1.1.11 The system should send confirmation email the the user book his

package successfully

3.1.1.12 The system should send to the user at the last day of his booking

to rate his package

3.1.1.13 The system should ask the user to write his feedback

**3.1.2 Admin Requirements**

3.1.2.1 The Landed page of the Platform should allow the admin to login to

his user

3.1.2.2 The System should allow the admin to login with pre defined userinfo

3.1.2.3 The System should allow the admin to create another user

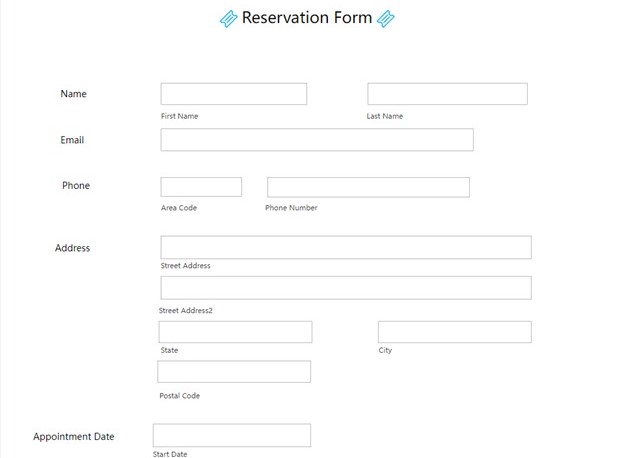
3.1.2.4 The System should allow the admin to add another admin

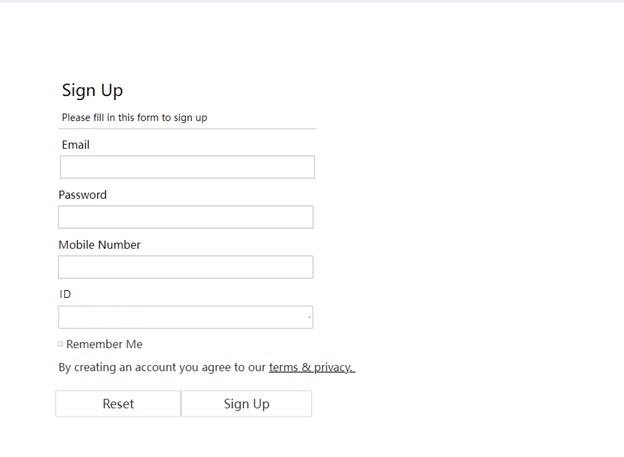
3.1.2.5 The Landed Page should provide the admin capability to create new

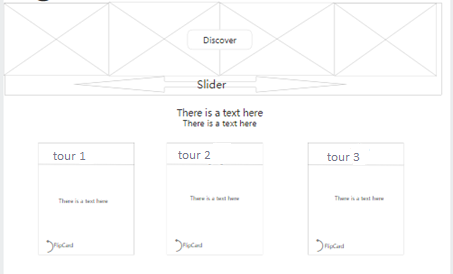
destination

# External Interface Requirements

## 4.1 User Interfaces

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## 4.2 Hardware Interfaces

* Processor : Pentium IV
* Speed : 2.0 GHZ above
* Hard Disk : 40 GB
* RAM : 512 MB
* CD Drive : 48x
* Input devices : Keyboard and mouse
* Monitor : Compatible monitor with 600 x 800 resolutions
* Internet : 100kbps above
* Printer : Any printer compatible for Windows

## 4.3 Software Interfaces

* Operating System : Windows 7 or Higher versions
* Front End : .NET
* Back End : SQL

# Nonfunctional Requirements

## Performance Requirements

The user should be able to login to the system using high speed internet. Most of the requests sent to the application should be answered in less than 20 seconds.

## Safety Requirements

NA

## Security Requirements

NA

## Software Quality Attributes

**Portable:**

Our product will be portable to carry and will run in any machine provided it runs a Windows Operating System.

**Transparent:**

Ideally, the user should not be aware that authentication is taking place beyond the requirement to enter a password.

# Other Requirements

NA

**Appendix A: Glossary**

3.1.1.6 UID: user identifier

**Appendix B: Analysis Models**

NA

**Appendix C: Issues List**

NA