

Airline Project

Software Requirements Specification

1.3

25/06/2031

Prepared for
Rahul Singh

Revision History

| Date | Description | Author | Comments |
|------------|-------------|-------------|--|
| 25/10/2013 | Version 1 | Rahul Singh | Initial Draft |
| 30/10/2013 | Version 1.1 | Rahul Singh | Added section 5. Change management process |
| 5/11/2013 | Version 1.2 | Rahul Singh | Added section 3.7 Design constraints |
| 15/11/2013 | Version 1.3 | Rahul Singh | Typos Fixed |

Document Approval

The following Software Requirements Specification has been accepted and approved by the following:

| Printed Name | Title | Date |
|----------------|---------------------|------------|
| Nick Price | Lead Software Engg. | 19/11/2013 |
| Sam Patrick | Lead QA Engineer | 18/11/2013 |
| Krishna Rungta | Project Sponsor | 19/11/2013 |

1. Introduction

1.1 Purpose

1.2 Scope

1.3 Definitions, Acronyms, and Abbreviations

1.4 References

2. Specific Requirements

3. Functional Requirements

4.0 Login

4.1 Flights

4.2 Itinerary

4.3 Home

4.1 Sign Off

3.5 Non-Functional Requirements

3.6 Inverse Requirements

3.7 Design Constraints

3.8 Logical Database Requirements

3.9 Other Requirements

4. Analysis Models

5. Change Management Process

1. Introduction

TR Airline aims to provide airline ticket booking facility to its customers.

This release will have limited features. Over a period of time, new and new functionalities will be added to the site.

1.1 Purpose

The Purpose of this document is to outline the requirements for the TR Airline website to be developed for TR Tech. Pvt. Ltd. This document will be used by all stakeholders including developers and testers.

1.2 Scope

The scope of this project is limited to the testing of the features described in the succeeding sections of this document.

Non-functional testing like stress, performance is beyond scope of this project.

Automation testing is beyond scope.

Functional testing & external interfaces are in scope and need to be tested

The Airline site will be only compatible with Chrome version 27 and above

1.3 Definitions, Acronyms, and Abbreviations

| Abbreviation | Word |
|--------------|------|
| | |
| | |

1.4 References

Nil

2. Specific Requirements

The TR Airline will have 2 roles

1. Admin
2. User

Following features/modules will be available to these 2 different roles

3.Functional Requirements



Customer Profile

First time registering? Please complete the form below.
Please choose a username and password combination for your account.
We'd also like some additional contact information for yourself. We'll use it as default shipping and billing information when making all your travel arrangements.

Username :

Password :

Confirm :

First Name :

Last Name :

Street Address :

City/State/Zip :

Figure 1



The image shows a web page for 'Web Tours'. On the left side, there is a login form with two input fields: 'Username' and 'Password'. Below these fields is a 'Login' button. On the right side, the heading 'Web Tours' is displayed in a large, bold, blue font. Below the heading, there is a welcome message: 'Welcome to the Web Tours site. To make reservations, please enter your account information to the left. If you haven't registered yet, **sign up now** to get access to all our resources. To configure the server options, use **administration** link.'

Figure 2

| Functionality/ UI | Requirement | Screen |
|-------------------|---|-------------|
| Login | Valid user / registered user will login | Refer Fig 1 |
| Sign Up now | User will register | Refer fig 2 |
| Verbiage | As per fig 1 | |

4.0 Login

Registered user will login into the system and will be able to book the airline ticket. After Login system will display Logged in username and 4 web buttons Flights, Itinerary, Home, Sign out.



Figure 3

4.1 Flights

Find Flight

Departure City : Departure Date :

Arrival City : Return Date :

No. of Passengers : ☐ Roundtrip ticket

Seating Preference

☐ Aisle

☐ Window

☒ None

Type of Seat

☐ First

☐ Business

☒ Coach

4.2 Itinerary

Itinerary

| rahul singh's Flight Transaction Summary | | |
|---|--|----------------------|
| <input type="checkbox"/> A Coach class ticket for : | | Invoice sent to: |
| <ul style="list-style-type: none">• rahul singh | | rahul singh |
| | | noida |
| | | noida |
| | | |
| | | Total Charge: \$ 386 |
| | | (CC: x-1111) |
| Flight Details: | 06/30/2021 : 8am : Flight 010 leaves Denver for Frankfurt. | |
| <input type="checkbox"/> A Coach class ticket for : | | Invoice sent to: |
| <ul style="list-style-type: none">• rahul singh | | rahul singh |
| | | noida |
| | | noida |
| | | |
| | | Total Charge: \$ 386 |
| | | (CC: x-7890) |
| Flight Details: | 06/30/2021 : 8am : Flight 010 leaves Denver for Frankfurt. | |

4.3 Home

4.1 Sign Off



The image shows a web page for 'Web Tours'. On the left side, there is a login form with two input fields: 'Username' and 'Password'. Below these fields is a 'Login' button. On the right side, the page has a light blue background. At the top right, the text 'Web Tours' is displayed in a large, bold, blue font. Below this, a welcome message reads: 'Welcome to the Web Tours site. To make reservations, please enter your account information to the left. If you haven't registered yet, **sign up now** to get access to all our resources. To configure the server options, use **administration** link.' At the bottom right, a small copyright notice states: 'This product uses parts of the SMT Kernel, Copyright (c) 1991-99 iMatix Corporation'.

3.5 Non-Functional Requirements

Nil

3.6 Inverse Requirements

Nil.

3.7 Design Constraints

Many of the TR users may not have adequate computer knowledge to use the site. Hence, System must be intuitive and easy to understand.

3.8 Logical Database Requirements

Nil

3.9 Other Requirements

Nil

4. Analysis Models

Nil

5. Change Management Process

Changes to the SRS either from the development, testing team or the client side will be communicated to the project sponsor Mr Krishna Rungta.

Any change made to the SRS will require a sign off from the Development lead , QA lead and the client.

Once approved changed will be made to the SRS and the new SRS will be circulated to all stakeholders

A. Appendices

Nil