Software Requirements Specification

for

Journeys & More Global Tours and Consultancy Co. Booking & Reservation System

Version 1

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17/10/2013

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Revision History

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| Jonathan Barasi | 17/10/13 | Initial Version capturing requirements | 1.0 |

# Introduction

## Purpose

Journeys & More Global Tours and Consultancy Co., is a Philippines based travel bureau engaged in international and local ticketing, hotel reservation, worldwide tour packages, domestic island tours, corporate travel plans, and customized travel arrangements. JMGTCC uses separate systems for booking flights and hotels, and if customers would like to book an appointment for visa consultation they would have to do it via phone. Since the current process involves separate systems and manual tasks, the proposal is for a web-based centralized application that integrates different processes that takes place within the agency.

The system has three main modules: Flight booking, Hotel booking and VISA Appointment reservation. The group will use plug-ins for the flight and hotel booking since it’s the best and efficient way to access databases of different airlines and hotels.

This document will address the requirements specifications for the JMGTCC Booking & Reservation System. The system will allow customers to search and book flights and hotels, and reserve time and date for VISA assistance appointment.

## Intended Audience and Reading Suggestions

This document is intended for the group’s client; Journeys and More Global Tours and Consultancy Co., project advisers, professors and other developers.

## Product Scope

Journeys & More Global Tours and Consultancy Co., uses manual tasks and separate software to address their customers’ needs. The goal of the project is to integrate the separate software and lessen if not remove the manual processes within the client’s workplace for a more productive operation.

# Overall Description

## Product Perspective

This system will be developed using PHP. The group decided that Wordpress is the best CMS that would address the requirements of the system and would make development and deployment easy.

## Product Features

**1: Administration-** This feature will allow users whose role is administrator to modify, add, or remove information related to the system.

**2: Hotel Booking -** This feature will allow users to search and book hotel for their trip.

**3: Airline Booking-** This feature will allow users to search for a flight to their destination and pick the one that is fit for their budget and preference.

**4: VISA consultation appointment reservation -** This feature will allow users to set an appointment with JMGTCC for their VISA application concerns.

## Operating Environment

system will be hosted online available for anyone. The product should run on any web browser and is accessible using smart phones.

# External Interface Requirements

## Software Interfaces

The system will be developed and deployed using Wordpress CMS. Wordpress CMS provide plug-ins for Hotel and Airline Reservation.

## Communication Interfaces

The system was uploaded to the host website via FTP.

# System Features

## Administration

### Description and Priority

This Feature describes what functionality administrators will have in the system

**Priority –** Very High

### Stimulus/Response Sequences

An administrator would like to filter or edit the contents within the website.

### Functional Requirements

REQ-1: An administrator must be able to edit contents within the website

REQ-2: An administrator must be able to manage the contents of the website

## Hotel Booking

### Description and Priority

This Feature describes how the customers book a hotel.

**Priority –** Very High

### Stimulus/Response Sequences

A user would like to book a hotel room for his trip.

### Functional Requirements

REQ-1: The user must input a valid destination

REQ-2: A user must enter his details correctly

REQ-3: A user must have a credit card or paypal account

REQ-4: A user must be able to edit his reservation preference so long as he hasn’t submitted it.

REQ-5: A user must be able to cancel his transaction so long as he hasn’t submitted it.

REQ-6: A user must be provided an online voucher after his transaction

## Airline Booking

### Description and Priority

This Feature describes how the customers book a flight.

**Priority –** Very High

### Stimulus/Response Sequences

A user would like to book a flight for his trip.

### Functional Requirements

REQ-1: The user must input a valid destination

REQ-2: A user must enter his details correctly

REQ-3: A user must have a credit card or paypal account

REQ-4: A user must be able to edit his reservation preference so long as he hasn’t submitted it.

REQ-5: A user must be able to cancel his transaction so long as he hasn’t submitted it.

REQ-6: A user must be provided an online voucher after his transaction

## VISA consultation appointment reservation

### Description and Priority

This feature describes how a customer can reserve time and date for consultation. Normally, this is done via phone call this process will eliminate the process of confirming manually if the time and date that the customer wants is available.

**Priority –** High

### Stimulus/Response Sequences

A customer would like to book time and date for consultation.

### Functional Requirements

REQ-1: A customer must pick a time during the operating hours of the agency

REQ-2: A customer must pick a date during the operating days of the agency

REQ-3: A customer must pick a date that is not a non-working holiday

REQ-4: A customer must provide his correct details

REQ-5: A customer must provide his correct contact details for confirmation coming from the agency