<Plane Tickets>

Version <1.0>

Revision History

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# Introduction

The application will have a purpose to offer the user an overview of the destinations and offers regarding each destination available in an airport, the plane tickets, price.

The client can select a destination from a list with destinations available, to choose an offer based on the days, hours of departure and arrival. Also, the client has a cart which can contain more than one ticket.

The client can view the weather forecast for every destination.

The admin can add, modify, delete, view all the users, the tickets(offers) and all the destinations.

## Purpose

The purpose of the Vision document is to familiarize the client with the application, to offer an overall picture of what the application can offer. Also, it offers a big picture about the technologies that are going to be used in the implementation of the project. The architectures, the principles, the design patters from the backend part. For a better understanding of the project, the abilities of the application will be illustrated with a use case, a picture which describes all the functionalities of the application.

## Scope

This Vision document has the purpose to be a link between the client and the application itself, regarding all the principles used.

The project is associated with the buying of plane tickets and it tries to simulate a WizzAir app, but better, including information about wheater. The application is built on String Framework and Hibernate.

## Definitions, Acronyms, and Abbreviations

Hibernate ORM enables developers to more easily write applications whose data outlives the application process. As an Object/Relational Mapping (ORM) framework, Hibernate is concerned with data persistence as it applies to relational databases (via JDBC).

All in all, Spring Boot is a project built on the top of the Spring framework. It provides a simpler and faster way to set up, configure, and run both simple and web-based applications. In the Spring core framework, you need to configure all the things for yourself. Hence, you can have a lot of configuration files, such as XML descriptors. That’s one out of the main problems that Spring Boot solves for you.

## References

The other documents give more information about the project, the project being more detailed. The Use Case model illustrates the detailed diagram of the project. The Glossary contains the definition of the technical terms used to describe the project. The Supplementary Specification contains performance measures, security and testability.

## Overview

The rest of the document contains the market positioning relative to people’s needs and competition, stakeholders and user’s description and an analysis of the product hardware and software requirements.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | The necessity to have a platform user friendly where you can book your vacation or plane tickets for work. |
| Affects | It facilities the client’s work in order to finish quickly and without problems the task of buying tickets. |
| the impact of which is | The best options available and the best prices for the ticket. |
| a successful solution would be | The fast access to prices, offers in a fast environment. |

## Product Position Statement

|  |  |
| --- | --- |
| For | Tourists, people who use the transport by plane |
| Who | Wants to travel somewhere for different reasons |
| The (product name) | Plane tickets |
| That | Wants to obtain the best offers for the lowest price and highest quality |
| Unlike | Expensive companies or very unorganized sites of this type |
| Our product | Keeps the customers informed regarding the offers |

# Stakeholder and User Descriptions

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Developer  Project manager | Creator of the project  Director of the project | Builds the project based on user requirements.    Keeps the objective in place |

## User Summary

[Present a summary list of all identified users.]

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Customer  Admin | Those people who want to buy a ticket plane or to check the offers.  The keepers of the site, responsible for all of the data in the application. | Can detect any errors or any wrong information given.  Offer given  Destination given  Prices | Developer |

## User Environment

The application involves one person to complete the task and it does not change. The task cycle can take as long as the client likes, the time is not an issue. The purpose of the project is to offer the user the best results, so he can take all the time he wants to make the suitable choice.

All that the application requires is a device where a client can log in and perform the operations offered by the application. On the other side, interrupted sustain by the platform will be necessary and the refresh of the database is required.

The database server is integrated by the developers to keep track of all the information.

# Product Requirements

A database server and an application server.

A connection to Internet is required and a device to can access the application. The performance requirements are similar to those for a web browser.