**1. Introduction**

           1.1 Purpose

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**2. System Features and Requirements**

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**1. Introduction**

1.1 Purpose: Specification details about FlyAway Project.

1.2 Intended Audience:

* Development Team
* Testing Team

1.3 Scope:

FlyAway is a ticket-booking portal that lets people book flights on their website.

**2. System Features and Requirements**

 2.1 Functional Requirements

● A search form in the homepage to allow entry of travel details, like the date of travel, source, destination, and the number of persons.  
● Based on the travel details entered, it will show the available flights with their ticket prices.  
● Once a person selects a flight to book, they will be taken to a register page where they must fill in their personal details. In the next page, they are shown the flight details of the flight that they are booking, and the payment is done via a dummy payment gateway. On completion of the payment, they are shown a confirmation page with the details of the booking.

For the above features to work, there will be an admin backend with the following features:

● An admin login page where the admin can change the password after login, if he wishes  
● A master list of places for source and destination  
● A master list of airlines  
● A list of flights where each flight has a source, destination, airline, and ticket price  
  
The goal of the company is to deliver a high-end quality product as early as possible.

2.2 System Requirements:

Project Development Methology:

Agile Scrum:

Number of Sprints:3

Sprint Duration: 7 days

Documents Provided: sprintplan.xls

Version Control System & Hosting:

Git: To connect and push files from the local system to GitHub

GitHub: To store the application code and track its versions

Link: <https://github.com/pravallikamutyala/FlyAway>

Integrated Development Environment (IDE):

Eclipse

Platform & Technologies:

Java SDK 1.8, Servlet 3.1, JSP, Hibernate, MySQL, JDBC, HTML

2.3 Other documents included:

Algorithms and flowcharts of the application