

# AIRPORT MANAGEMENT SYSTEM

## Project Abstract

Version 1.0



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## 1.0 Purpose of this document

This document provides an overview about the business need and the solution that can be provided to fulfil the objective.

## 2.0 Business Case

A strong infrastructure is the need of the hour to manage the daily operations of the world's largest air cargo carrier. Seamless execution of the operations assures the adherence towards defined service level agreement for each product transported by the airliner. The by-product of the holistic solution necessitates to cut costs tied to duplicate efforts and reduce operational inefficiency.

The solution developed will address the objective in a holistic manner and will have all the features and functionalities which shall let the airport operations be carried out in seamless manner to eradicate effort duplication, recording of planes, pilots and hangar details and be able to record & assimilate data from the airport on hangar-aircraft mapping and updating hangar status.

## 3.0 Technologies Recommended

Front End	Java (HTML5, CSS3, JavaScript, Angular)
Middleware	Java (Spring, Spring MVC, Hibernate MVC, WEB API2)
Backend	Oracle/SQL Server

## 4.0 Hardware and Software Requirements

Technology	Hardware	Software
Java	Desktop PC with 8GB RAM	<ol style="list-style-type: none"><li>1. Node.js 10.15.1</li><li>2. Angular 5.0</li><li>3. Visual Studio Code 1.30</li><li>4. Eclipse IDE for Java EE Developers (Oxygen)</li><li>5. Maven 3.6.0</li><li>6. Tomcat 9</li><li>7. MySQL Community Server 8.0</li><li>8. MySQL Workbench 8.0.14</li><li>9. Putty</li><li>10. WinSCP 5.9.4</li><li>11. Oracle 11g express version</li></ol>

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## **6.0 References**

## **7.0 Change Log**