Airplane Checkup

Version 1.0

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 19/03/2020 | 1.0 | Inception | Rus Tudor |
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# Introduction

This document is meant to offer a short presentation of the Airplane Checkup system’s requirements. The application provides a useful tool for airports that helps the technical team in charge of the plane pre-flight checkup do their work in an efficient manner.

## Purpose

The purpose of this document is to collect, analyze, and define high-level needs and features of the Airplane Checkup app. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how Airplane Checkup fulfills these needs are detailed in the use-case and supplementary specifications.

## Scope

This document is associated with other documents such as Use-case model, Supplementary specifications and analysis and design.

## Definitions, Acronyms, and Abbreviations

## References

* Project\_useCaseModel
* Project\_SupplementarySpecification
* Project\_Glossary
* Bibliography

## Overview

The rest of this document contains the positioning, divided into problem statement and product position statement, the stakeholder and user descriptions and, finally, the product requirements.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | pre-flight airplane checkup |
| affects | airports and passengers |
| the impact of which is | Disorganized, time-consuming, human error prone |
| a successful solution would be | An online web app that solves all the problems regarding this problem. |

## Product Position Statement

|  |  |
| --- | --- |
| For | Airports |
| Who | Care for their clients |
| The Airplane Checkup | Is a web application |
| That | Solves the problems involving pre-flight plane checkups and can save lives. |
| Unlike | Human workers that are more prone to error. |
| Our product | Doesn’t let any space for error when it’s a matter of human lives. |

# Stakeholder and User Descriptions

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Developer | The stakeholder responsible for the development of the application | ensures that the system will be maintainable  develops the app  ensures that the app will work without flaws  gives support for users |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Airport technical employee | They are the main users of the app and they perform the airplane checkup | Report problems  Perform the checkup | Airport staff |
|  |  |  |  |

## User Environment

* The number of people can vary depending on the situation
* The time for making a successful checkup can also vary between tens of minutes to hours
* Works on any device that has access to internet

# Product Requirements

A stable internet connection.