
Vision and Scope Document

for

Flight Tracker

Version 1.0 approved

Prepared by ---

Process Impact

Date

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Revision History

Name	Date	Reason For Changes	Version

1. Business Requirements

1.1. Background, Business Opportunity, and Customer Needs

Frequent travelers spend an average of 2 to 4 hours per flight managing their flight after booking. This includes checking for schedule changes, aircraft changes, and cancellations ahead of the departure date, monitoring delays and gate changes the day of the flight and checking for baggage claim information upon arrival. This process only becomes more cumbersome when the traveler spreads their airline travel across many different airlines.

We aim to reduce the total amount of time travelers spend managing their flights by creating a dashboard that integrates flight data from multiple sources allowing customers to see all their upcoming flight details in a single place, regardless of the airline they will be traveling on.

1.2. Business Objectives and Success Criteria

BO-1: Reduce overall time customer spend managing flights by 60%.

Method: Tracking usage statistics for the service we provide and getting insights directly from users through feedback surveys.

BO-2: Provide industry-leading customer satisfaction.

Method: Net Promoter Score

1.3. Business Risks

RI-1: Our system relies on data from third-party providers. The data provided may change at any time and without notice potentially disrupting the service we provide until another suitable data provide can be found and integrated. (Probability = 0.2, Impact = 8)

RI-2: Decreasing demand for flights due to outside factors (economic downturn, pandemic events, increase in remote work, etc) could result in decreased demand for our service. (Probability = 0.4, Impact = 0.7)

2. Vision of the Solution

2.1. Vision Statement

VS-1: Our vision is to create a customer centric approach to flights, making sure that the user will never miss a flight from lack of information.

2.2. Major Features

VS-2: The major feature of our application will be a centralized view of a person's entire flight or flights from one app. This can be done even if the flights are with multiple companies

2.3. Assumptions and Dependencies

VS-3: This application will require the use of 3rd party applications to function, these being Asmodeus, Java Spring, and AeroAPI.

3. Scope and Limitations

3.1. Scope of Initial and Subsequent Releases

Feature	Release 1	Release 2	Release 3
FE-1: Display Flights	Build framework and fill out documentation to allow for further work.	Ability to enter in a flight id number and get data back.	Entering in flight id and returning all the information about your flight live until the flight has landed.
FE-2: Display a terminal map	n/a	Build framework and fill out documentation to allow for further work.	Allow full gps tracking of the person in the airport guiding them to their gate.
FE-3 Allow booking of flights	n/a	n/a	Ability to book flights from every airline and input that data into the app.
FE-4: Finding the most optimal flight by time, or cost	n/a	n/a	Strech goal
FE-5:			Strech goal

3.2. Limitations and Exclusions

4. Business Context

4.1. Stakeholder Profiles

Stakeholder	Major Value	Attitudes	Major Interests	Constraints
Users	Reduce frustration with managing multiple flights from different companies.	Strong support for every release	Must be easier than just looking at flight tickets on phone	N/A
Airports	Less lost flyers, freeing up the help desks. Happier flyers.	Most support for release 3 with the terminal maps	Happier flyers	N/A
Flight companies	Could Improve boarding times	Light support for every release	Improved boarding times	Must keep API's online for us

4.2. Project Priorities

Dimension	Driver	Constraint	Degree of Freedom
Schedule	x		
Features			x
Quality		x	
Staff		x	
Cost			x

<https://orangesoft.co/blog/how-to-write-a-vision-and-scope-document>