

Flight Booking System (Searching + Booking) PRD

- This document captures the business requirements for the flight search and booking functionality. It outlines the goals of the feature, the expected system behavior, user needs, and the key functionality to be delivered. The purpose of this document is to provide a clear understanding of what the product should achieve, serving as a reference for development, design, and testing.

Objective:

- The main objective is to enable users to search for flight based on some criteria/filter and book the selected flight seamlessly.
- Types of filter user can have are
 - source
 - destination
 - date of departure
 - number of stops
- Types of sorting user can have are
 - Cheapest
 - Fastest

Scope:

- For now we only want to build one way travel feature. Multi city, roundtrip is not part of phase 0. We can build that in next phase.
- Anyone can search for flights and can book the flights.
 - Mainly there are three actors involved for booking flights.
 - Individual user
 - Agent
 - Corporate
- We would also want Admin control over inventory for adding flight schedule, cancelling flight schedule and modifying flight schedule.
- User can choose for multiple stops as sometimes it can be cost effective (*max 2 stops*)

User story:

- As a user I want to book a flight ticket from source to destination on a particular date. So I would want to see the list of options including direct flight, 1 stop flight and at max 2 stop flights. I would also want to see the cheapest flight first (sorting)

Dependencies:

- As of now we not depending upon any third party for APIs or any other information