

# Wireframe Flight Fare Prediction

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## Document Version Control

Date	Version	Description	Author
18- 11 - 2022	1.0	Abstract Introduction Architecture	Harshit
18- 11 - 2022	1.1	Architectural Design	Harshit
18 -11 - 2022	1.2	Deployment Unit Test Cases	Harshit

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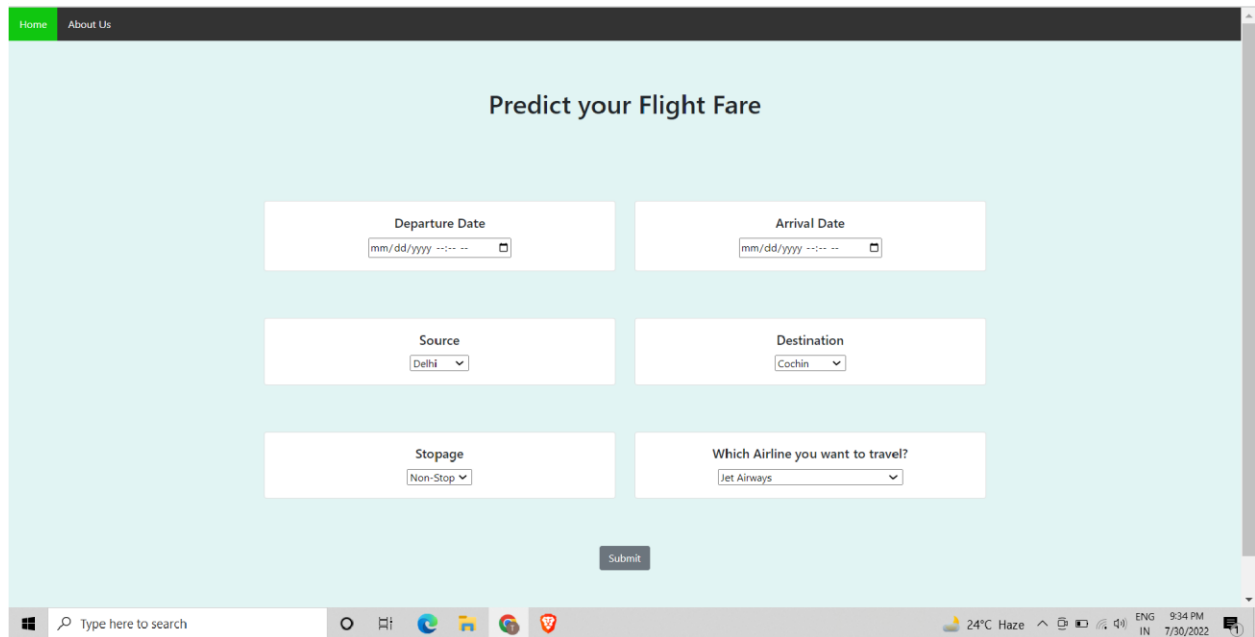
## Abstract

The recent changes in the international market had a large impact on the Aviation sector because of several reasons. These impact the two class folks, the first is Business perspective and second is Customer perspective. The major reason for such impact is the governments around the world amended totally different rules to their various Airline firms. Taking these factors into consideration, the value of the flight tickets has varied from one place to another. Booking a flight ticket has its price tag split into two, one is online bookings and other is offline bookings. Each of these have their various criteria for value of the price, one such example is the server load and therefore the range of booking requests. During this machine learning implementation, we are going to see numerous factors that impact the price of the flight ticket and predict the acceptable price of the ticket.

# 1. Web Interface

## 1.1 Landing Page

When the User land on our webpage, they sees a webpage welcoming them to Flight Fare Prediction System



The screenshot shows a web browser window displaying the landing page of the Flight Fare Prediction System. The page has a light blue background and a dark header with 'Home' and 'About Us' links. The main heading is 'Predict your Flight Fare'. Below this, there are six input fields arranged in a 3x2 grid: 'Departure Date' and 'Arrival Date' (both with date pickers), 'Source' and 'Destination' (both dropdown menus with 'Delhi' and 'Cochin' selected), and 'Stopage' (dropdown menu with 'Non-Stop' selected) and 'Which Airline you want to travel?' (dropdown menu with 'Jet Airways' selected). A 'Submit' button is centered below these fields. The browser's taskbar at the bottom shows the Windows logo, a search bar, and various system icons including the date and time (9:34 PM, 7/30/2022).

## 1.2 Predictor Page

The user sees various fields asking for information that is required to predict the price of a flight. Every user input has its own dropdown where the user can select their input. After providing the required input and pressing the submit button, the page refreshes and displays the predicted price of the flight.

[Home](#)
[About Us](#)

## Predict your Flight Fare

Departure Date

Arrival Date

Source

Destination

Stopage

Which Airline you want to travel?

Submit


Type here to search
24°C Haze
ENG IN
9:34 PM
7/30/2022

## 1.3 About Me Page

The About me page holds a short summary about the myself who built this project. There are social links attached as well in case someone wants to contact the people behind this project.

[Home](#)
[About Us](#)

## About Me



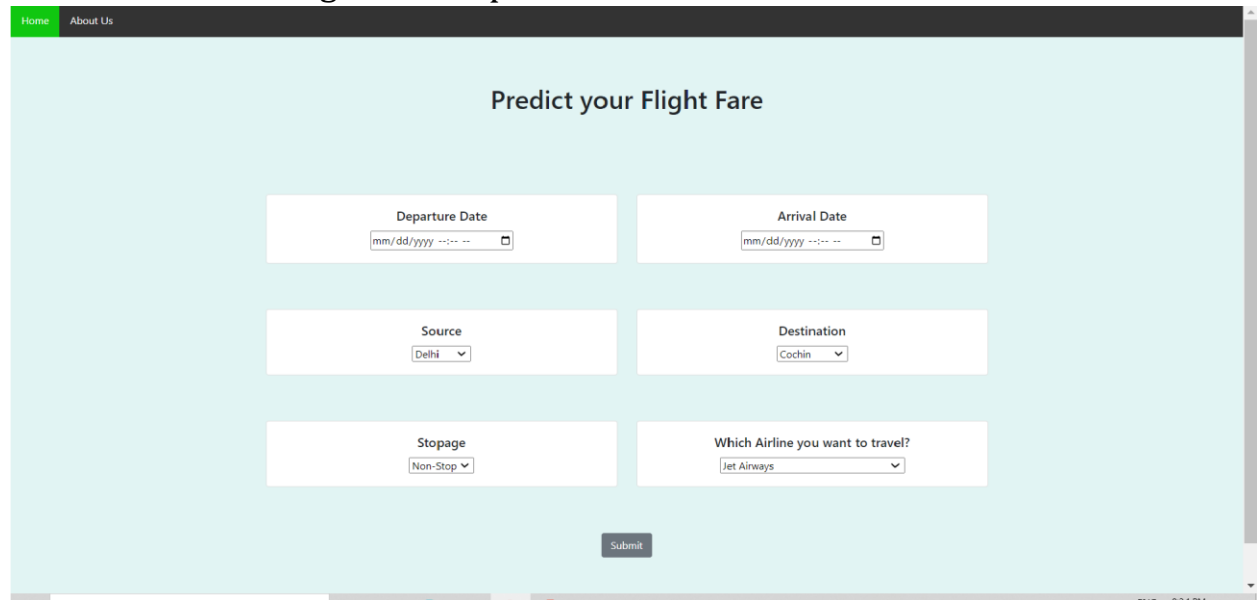
**Harshit Nigdikar**

Hi! My name is Harshit Nigdikar. I am a Computer Science and Engineering Undergraduate from Medi-Caps University, Indore. I have been into programming from the first year of my college itself and I have keen interest in problem-solving using Data Structures and Algorithms. I use Java as my primary programming language and I have solved over 200 programming questions on various competitive programming platforms like Leetcode and Codechef. I have been a Teaching Assistant in Pepcoding pvt India Ltd and helped over 80 students in java and problem-solving. I have also been a Web Developer Intern at Dream Choice.

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## 2. User Input

On the predictor page, the user has to provide all the information asked for the prediction. The user can select from the drop down lists attached to each of the input fields. Once all the asked information is provided, the user clicks on submit button to get the output.



The screenshot shows a web application titled "Predict your Flight Fare". It features a light blue background and a dark header with "Home" and "About Us" links. The form is centered and contains six input fields arranged in three rows. The first row has "Departure Date" and "Arrival Date" fields, both with date pickers showing "mm/dd/yyyy --:-- --". The second row has "Source" and "Destination" fields, both with dropdown menus showing "Delhi" and "Cochin" respectively. The third row has "Stoppage" and "Which Airline you want to travel?" fields, both with dropdown menus showing "Non-Stop" and "Jet Airways" respectively. A "Submit" button is located at the bottom center of the form.

## 2. Results Page

On the predictor page, the user provides all the asked information and then clicks on submit button. The predicted fare of the selected flight is displayed to the user.

## Predict your Flight Fare

Departure Date

mm/dd/yyyy --:-- -- 📅

Arrival Date

mm/dd/yyyy --:-- -- 📅

Source

Delhi ▾

Destination

Cochin ▾

Stopage

Non-Stop ▾

Which Airline you want to travel?

Jet Airways ▾

Submit

Your Flight price is Rs. 6680.88

