

Wireframe Flight Fare Prediction

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Document Version Control

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31 - 03 - 2022	1.0	Abstract Introduction Architecture	Ritik
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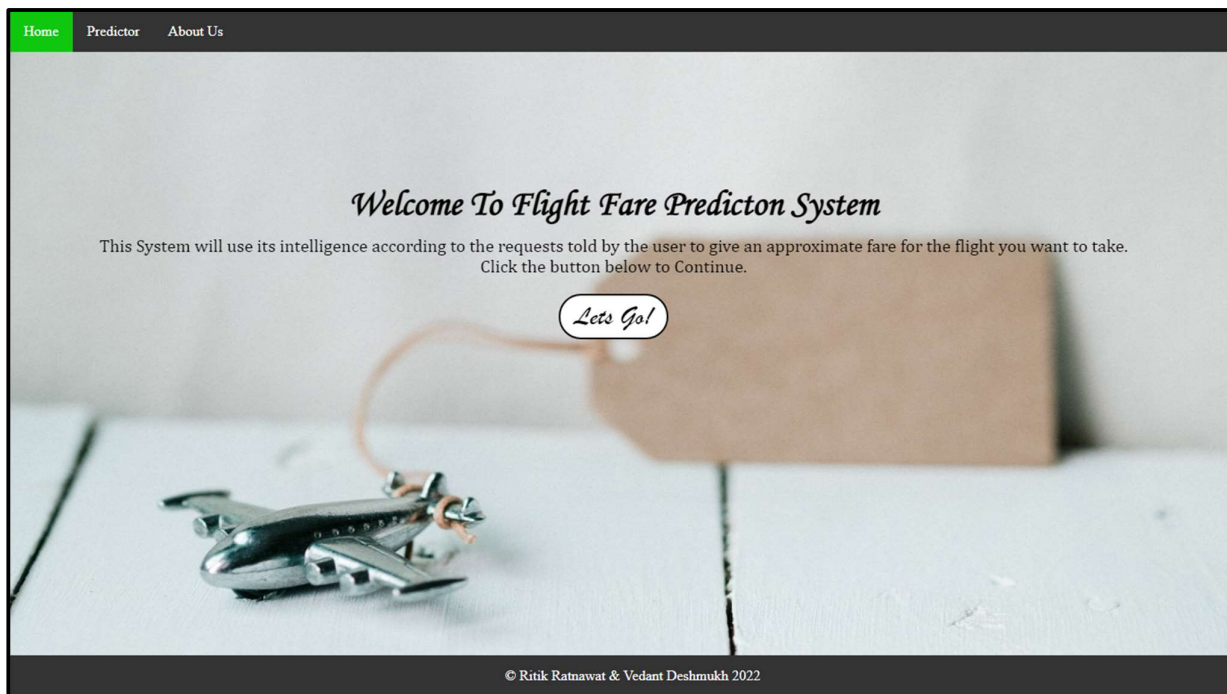
Abstract

The recent changes in the international market had a large impact on the Aviation sector because of the several reasons. These impact the two class folks, the first is Business perspective and second is Customer perspective. The major reason of such impact is the governments around the world amended totally different rules to their various Airline firms. Taking of these factors in thought the value of the flight tickets has vary from one place to another. Booking a flight ticket its price tag has 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 that 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, he/she sees a webpage welcoming them to Flight Fare Prediction System and ask them to move further by clicking on the 'Lets Go!' button.



1.2 Predictor Page

This is the next page that can be accessed by clicking on 'Lets Go!' button on the homepage or by clicking on predictor tab in the navigation bar on the homepage

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](#) [Predictor](#) [About Us](#)

Flight Fare Predictor

Enter the Details to get an estimated Flight Ticket Price!

Departure Date

Arrival Date

Source

Destination

Select your Airline

Total Stops

Submit


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1.3 About Us Page

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

Know Our Team

VEDANT DESHMUKH




Vedant is an data science and machine learning enthusiast who is currently persuing graduation. He has good knowledge about various programming languages, frameworks, technical fields and core concepts and possesses great problem solvings skills. He constantly keeps upscaling and polishing his knowledge and skills.

To Contact, Vedant Click the buttons below :

[GitHub](#) [LinkedIn](#)

RITIK RATNAWAT



He is a Tech Enthusiast and have a keen interest in Data Science, Machine Learning and Software Development. He is currently persuing graduation in B.Tech Computer Science with Data Science specialization. He have great knowledge about various Programming languages, frameworks, Data Science, Machine Learning and its respective fields.

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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 wireframe shows a web application titled "Flight Fare Predictor" with a navigation bar containing "Home", "Predictor" (highlighted), and "About Us". The main heading is "Flight Fare Predictor" with the subtitle "Enter the Details to get an estimated Flight Ticket Price!". Below this, there are six input fields arranged in a 2x3 grid:

- Departure Date:** A date and time picker showing "02/05/2022 02:30 PM".
- Arrival Date:** A date and time picker showing "03/05/2022 09:00 AM".
- Source:** A dropdown menu with "Mumbai" selected.
- Destination:** A dropdown menu with "Kolkata" selected.
- Select your Airline:** A dropdown menu with "Vistara" selected.
- Total Stops:** A dropdown menu with "2" selected.

Below the input fields is a "Submit" button. At the bottom, there is a copyright notice: "© Ritik Ratnawat & Vedant Deshmukh 2022".

3. 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.

The wireframe shows the same web application as the previous one, but with the results displayed. The navigation bar and heading remain the same. The input fields are now disabled and show placeholder text:

- Departure Date:** "dd/mm/yyyy --:-- --"
- Arrival Date:** "dd/mm/yyyy --:-- --"
- Source:** "Select Source"
- Destination:** "Select Destination"
- Select your Airline:** "Select Airline"
- Total Stops:** "Select Number of Stops"

The "Submit" button is still present. Below the input fields, the result is displayed: "Your Flight Fare from Mumbai to Kolkata is Rs. 10854.43". At the bottom, there is a copyright notice: "© Ritik Ratnawat & Vedant Deshmukh 2022".