

Wireframe

FLIGHT FARE PREDICTION

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Contents

Abstract	4
Web Interface	5
User Input	5
Result Page	6

Abstract

The recent international events had a large impact on the aviation sector because of several reasons. This documentation is all about the user interface wireframe, here the home page of our flight fare prediction project is explained with proper input.

1. Web Interface

- Our web page is an interface where input is taken from the user and the prediction is displayed.

The screenshot shows a web browser window with the URL `127.0.0.1:5000/predict`. The page title is "FLIGHT PRICE PREDICTION". It features five input fields arranged in two rows. The first row contains "Departure Date" and "Arrival Date" fields, both with placeholder text "dd-mm-yyyy --::--" and calendar icons. The second row contains "Source" (set to "Delhi") and "Destination" (set to "Cochin") dropdown menus. Below these is a large image of an airplane flying through clouds. To the left of the airplane is a "Stopage" dropdown set to "Non-Stop". To the right is a "Which Airline you want to travel?" dropdown set to "Jet Airways". At the bottom left is a green "Submit" button.

2. User Input

- Whenever the user hits our url, they first see the user input page here they have to provide the information like:
- 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 output

The screenshot shows the same web browser window with the URL `127.0.0.1:5000/predict`. The "FLIGHT PRICE PREDICTION" title is visible. The input fields now contain specific values: "Departure Date" is "20-10-2022 02:12", "Arrival Date" is "29-10-2022 02:15", "Source" is "Delhi", "Destination" is "Cochin", "Stopage" is "1", and "Which Airline you want to travel?" is "GoAir". The rest of the page, including the airplane image, remains the same.

3. Result Page

After the user hits the submit button the page gets refreshed and the results are being displayed in the highlighted area in the above frame.

The user can refill all the inputs in the same page and get the results in the same way.

A screenshot of a web browser showing a flight price prediction form. The background features a blue sky with white clouds and a white airplane. The form fields are outlined in black:

- Departure Date:** 21-10-2022 04:10
- Arrival Date:** 28-10-2022 00:14
- Source:** Delhi
- Destination:** Cochin
- Stoppage:** 3
- Which Airline you want to travel?** Air Asia

A green "Submit" button is located at the bottom left. Below the form, a green message states: "Your Flight Price is Rs. 9721.99". The browser's address bar shows the URL: "flight-fare-prediction-18.herokuapp.com/predict". The operating system taskbar at the bottom includes icons for search, file explorer, and various applications like Spotify and Google Chrome.