

FLIGHT FARE PREDICTION SYSTEM

Wire Frame Documentation

Wireframe Documentation for Flight Price Prediction Web Application

Wireframe documentation outlines the layout and structure of the web application's user interface. It serves as a visual guide for the developers and designers to understand the user flow and the components on each page. Below is the wireframe documentation for the Flight Fare Prediction.

Home Page (/)

The home page serves as the main interface for users to interact with the application. It includes the following key components:

Flight Price Prediction

Journey Date and Time:

mm/dd/yyyy --:-- --

Arrival Date and Time:

mm/dd/yyyy --:-- --

Total Stops:

Airline:

Jet Airways

Source:

Delhi

Destination:

Cochin

Predict Price

1.Header: At the top of the page, the header prominently displays the title "Flight Price Prediction". This serves to inform users about the purpose of the application immediately upon visiting the page.

2.Form: The central feature of the home page is a form where users can input their flight details. The form's action is set to /predict with the method as POST. The form includes several input fields:

Departure Time: A datetime-local input field labelled "Departure Time" (name: Dep_Time), required for users to specify when their flight departs.

Arrival Time: A datetime-local input field labelled "Arrival Time" (name: Arrival Time), required for users to specify when their flight arrives.

Total Stops: A numeric input field labelled "Total Stops" (name: stops), required for users to specify the number of stops on their flight.

Airline: A text input field labelled "Airline" (name: airline), required for users to specify the airline they are flying with.

Source: A text input field labelled "Source" (name: Source), required for users to specify the departure location.

Destination: A text input field labelled "Destination" (name: Destination), required for users to specify the arrival location.

Submit Button: A submit button with the text "Predict Price" to send the form data to the server for processing.

Flight Price Prediction

Journey Date and Time:

06/05/2024 02:42 PM



Arrival Date and Time:

06/05/2024 05:45 PM



Total Stops:

0

Airline:

Air India



Source:

Chennai



Destination:

Delhi



Predict Price

3.Prediction Result: Below the form, there is a section dedicated to displaying the predicted flight price or an error message. This section is conditionally displayed only if there is a prediction result or an error message available. The text displayed here is dynamically rendered using the prediction text variable.

Flight Price Prediction

Journey Date and Time:

mm/dd/yyyy -- : -- --



Arrival Date and Time:

mm/dd/yyyy -- : -- --



Total Stops:

Airline:

Jet Airways



Source:

Delhi



Destination:

Cochin



Predict Price

Your Flight price is Rs. 7041.10986328125

The overall layout ensures that the form fields are aligned vertically for better readability and user experience. The submit button is clearly visible and placed below the form fields, ensuring an intuitive user interaction flow. After submitting the form, users will see the prediction result or an error message displayed in a dedicated section below the form.

This wireframe documentation provides a clear and detailed description of the application's user interface, guiding the development process to ensure all necessary components are included and properly positioned to create a seamless and user-friendly experience.

