Insurance Premium Prediction

Wireframe Document

Yash Dahekar
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Home Page

Overview:

The home page of the Insurance Premium Prediction project serves as the landing page for users. It provides a brief introduction to the project and allows users to navigate to the prediction functionality.

Interaction:

Button:
Clicking the "Predict Now" button should navigate the user to the prediction page.
The button may change color or slightly shift on hover to provide visual feedback to the user.
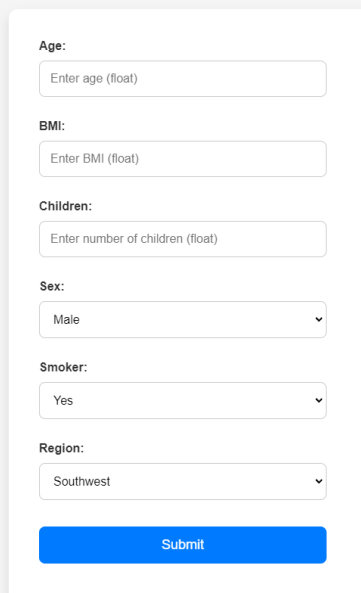
Insurance Premium Prediction Form

The Insurance Premium Prediction Form allows users to input various factors such as age, BMI, number of children, gender, smoking status, and region to predict insurance premiums.

Form Fields:

•Age: Users can input their age as a floating-point number.

•BMI: Users can input their BMI (Body Mass Index) as a floating-point number.

•Children: Users can input the number of children they have as a floating-point number.

•Sex: Users can select their gender from the options provided (Male or Female).

•Smoker: Users can select their smoking status from the options provided (Yes or No).

•Region: Users can select their region from the options provided (Southwest, Southeast, Northwest, or Northeast).

Submit Button:

•Clicking the "Submit" button will submit the form data to the prediction endpoint for processing.

Insurance Premium Prediction Results Page

Overview:

The Insurance Premium Prediction Results page displays the predicted insurance premium based on the provided data. It also includes a disclaimer and an option to predict again.

Content:

- **Title:**
  - "Insurance Premium Prediction"
- **Predicted Premium:**
  - Displays the predicted insurance premium.
- **Disclaimer:**
  - Provides a disclaimer about the estimate and advises consulting with an insurance expert for more accurate results.
- **Predict Again Button:**
  - Allows users to navigate back to the prediction page to predict insurance premiums again.

Summary:

The wireframe documents provided detailed outlines for the key pages of the Insurance Premium Prediction project:

1. **Home Page:**
   - The landing page of the application, featuring a brief introduction to the project and a button to navigate to the prediction form.

2. **Prediction Form:**
   - A form where users can input their data such as age, BMI, number of children, gender, smoking status, and region to predict their insurance premium.

3. **Prediction Results Page:**
   - Displays the predicted insurance premium based on the provided data, along with a disclaimer and an option to predict again.

Each wireframe included essential elements such as content structure, interaction details, visual design, and typography. These wireframes provide a clear understanding of the user interface and functionality of the Insurance Premium Prediction application.