

# **Insurance Premium Prediction**

## **Wireframe Documentation**

## **Overview of Wireframes:**

Contained within this documentation are detailed wireframes that illustrate the envisioned user interface for inputting the aforementioned factors. These wireframes are crafted with the user's experience in mind, emphasizing simplicity and efficiency in the data input process.

## **Objective:**

The primary goal of the Insurance Premium Prediction system is to provide users with accurate and transparent estimates of insurance premiums. Users will input various factors that influence premium calculations, including age, sex, BMI (Body Mass Index), number of children, smoking status, and region. The wireframes presented here are designed to streamline the data input process and ensure a user-friendly interface.

## **User Input Factors:**

### **1. Age:**

- Numeric input representing the age of the individual seeking insurance coverage.

### **2. Sex:**

- Selection between predefined options (e.g., Male/Female) indicating the gender of the individual.

### **3. BMI (Body Mass Index):**

- Numeric input representing the BMI of the individual. This value is crucial for assessing health risks.

### **4. Children:**

- Numeric input representing the number of children or dependents the individual has.

### **5. Smoker:**

- Binary selection (Yes/No) indicating whether the individual is a smoker. Smoking status is a significant factor in premium calculations.

### **6. Region:**

- Selection from predefined regions (northeast/ northwest/ southeast/ southwest) representing the geographical location of the individual. Different regions may have varying healthcare costs.

## **Output:**

On click of the predict button the predicted result will be displayed just below the predict button

Logo/Image of the application

Age

Enter age

Sex

Select sex



BMI

Enter BMI

Number of children

Enter number of children

Smoker

Select smoker status



Region

Select smoker status

Predict

Predicted Insurance premium