```r
library(shiny)

library(quantmod)

library(xgboost)

library(caret)


install.packages("shiny")


# Define UI
ui <- fluidPage(
  # Custom CSS for styling
  tags$head(
    tags$style(HTML("
      body {
        background-color: #f7f9fc;
        font-family: 'Arial', sans-serif;
      }
      .title {
        color: #3b5998;
        text-align: center;
        padding: 10px;
        font-size: 30px;
        font-weight: bold;
      }
      .sidebar {
        background-color: #ffffff;
        border: 1px solid #ddd;
        border-radius: 5px;
        padding: 20px;
```

```css
    box-shadow: 0 2px 5px rgba(0,0,0,0.1);
}

.btn-predict {

 background-color: #3b5998;

 color: white;

 font-size: 16px;

 border: none;

 border-radius: 5px;

 padding: 10px 20px;

}

.btn-predict:hover {

 background-color: #2d4373;

}

.output-box {

 background-color: #ffffff;

 border: 1px solid #ddd;

 border-radius: 5px;

 padding: 20px;

 box-shadow: 0 2px 5px rgba(0,0,0,0.1);

 margin-top: 10px;

}

.stock-plot {

 background-color: #ffffff;

 border: 1px solid #ddd;

 border-radius: 5px;

 padding: 10px;

 box-shadow: 0 2px 5px rgba(0,0,0,0.1);

}
```

```
  "))
),


# App layout
div(class = "title", "Stock Price Predictor"),


sidebarLayout(
  sidebarPanel(
    class = "sidebar",
    textInput("stock_symbol", "Enter Stock Symbol:", "AAPL"),
    actionButton("predict_btn", "Predict Next Day's Price", class = "btn-predict")
  ),
  mainPanel(
    div(class = "output-box",
      h3("Prediction Result:"),
      verbatimTextOutput("prediction")
    ),
    div(class = "stock-plot",
      plotOutput("stock_plot")
    )
  )
)
)
```