Wireframe for Red Wine Quality Prediction System

1. Homepage (Landing Page)

Header:

- **Logo** on the top-left corner
- **Navigation Menu** on the top-right corner (links: Home, About, Contact)

Main Content:

- **Title:** "Red Wine Quality Prediction"
- **Subtitle:** "Predict the quality of red wine based on its chemical properties"

Central Area:

- **Call to Action (CTA):**
  - Large **Start Prediction** button
  - Description: "Input the chemical properties of your wine sample to predict its quality"

Footer:

- **Links:** Privacy Policy, Terms of Service
- **Copyright Info**

2. Prediction Form (Main Feature)

Header: (Same as above)

Main Section:

- **Form Title:** "Enter Wine Properties"

Form Fields:

- **Fixed Acidity** (Input field)
- **Volatile Acidity** (Input field)
- **Citric Acid** (Input field)
- **Residual Sugar** (Input field)

- **Chlorides** (Input field)
- **Free Sulfur Dioxide** (Input field)
- **Total Sulfur Dioxide** (Input field)
- **Density** (Input field)
- **pH** (Input field)
- **Sulphates** (Input field)
- **Alcohol** (Input field)

Additional Options:

- **Upload CSV Button** (Optional bulk prediction)

Prediction Button:

- **Submit** (Large, centered button)

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3. Prediction Result Page

Header: (Same as above)

Main Section:

- **Title:** "Wine Quality Prediction Results"

Prediction Output:

- **Predicted Quality Score:** Large, bold number (e.g., **8.5/10**)
- **Confidence Level:** Text indicating model confidence (e.g., "The model is 87% confident about this prediction.")
- **Feature Importance:** Optional bar chart showing how each wine property contributed to the prediction

Additional Options:

- **Reset Form:** Button to clear the current form and input new values
- **Download Report:** Button to download a CSV or PDF with prediction details

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4. Historical Predictions Page (Optional)

Header: (Same as above)

Main Section:

- **Title:** "Your Previous Predictions"

Table Layout:

- **Columns:**
  - Wine Properties (List of features such as acidity, pH, etc.)
  - Predicted Quality
  - Date of Prediction
  - Confidence Level

Buttons:

- **View More Details:** For each record to view detailed information
- **Delete:** To remove a prediction from the history

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5. Contact Page (Optional)

Header: (Same as above)

Main Section:

- **Title:** "Contact Us"

Form Fields:

- **Name**
- **Email**
- **Message**

Submit Button: "Send Message"