**Password Validator App**

This is a **React Native** application that helps users assess the strength of their passwords. It provides real-time feedback on password strength based on a few key criteria and suggests improvements.

**Features**

* **Password Strength Checker**: Automatically evaluates the strength of the password based on:
  + Length (should be at least 8 characters).
  + Presence of at least one number.
  + Mix of uppercase and lowercase letters.
  + Inclusion of at least one special character.
* **Suggestions for Improvement**: Provides helpful tips for strengthening the password, such as:
  + "Password should be at least 8 characters long."
  + "Include both upper and lower case letters."
  + "Add at least one special character."
* **Visual Strength Meter**: Displays a color-coded strength bar that adjusts according to the password's strength:
  + **Very Strong**: Green
  + **Strong**: Yellow-Green
  + **Moderate**: Yellow
  + **Weak**: Orange
  + **Too Weak**: Red

**Technology Used**

* **React Native**: The framework used to build the app.
* **React**: Used for managing app state and rendering UI components.
* **Styling**: Native StyleSheet for the app's visual components.

**Setup**

1. Clone the repository:  
   git clone https://github.com/your-username/password-validator-app.git
2. Navigate to the project folder:  
   cd password-validator-app
3. Install dependencies:  
   npm install
4. Run the app:
   * For iOS: npx react-native run-ios
   * For Android: npx react-native run-android









