# User Manual for Vision Forge

When running the source code on visual studio or any other tool,

run command **npm install** to install node modules package on React side.

Then run command on node.js side

**npm install python-shell**

**npm install nodemon**

Then run these command on python Interpreter

**pip install pandas**

**pip install scikit-learn**

This guide will help you navigate and use the features of our system efficiently. Vision Forge is designed to provide personalized career and university recommendations based on your academic records and interests.

### Accessing Vision Forge

1. **Open Web Browser**: Launch your preferred web browser.
2. **Enter URL**: Type the Vision Forge URL (e.g., www.visionforge.com) into the address bar and press Enter.

### Signing Up

1. **Navigate to Sign Up Page**: On the homepage, click on the "Sign Up" button.
2. **Fill Out Sign Up Form**: Enter the required information, including:

* Full Name
* Email Address
* Password (create a strong password)
* Confirm Password

1. **Submit Sign Up Form**: Click the "Submit" button to create your account.

### Logging In

1. **Navigate to Login Page**: On the homepage, click on the "Login" button.
2. **Enter Login Credentials**: Enter your registered email address and password.
3. **Submit Login Form**: Click the "Login" button to access your profile.

### Home Page

After logging in, you will be directed to the Home page. Here, you have two main options:

1. **Career Path**
2. **University Eligibility**

### Career Path Feature

1. **Click Career Path**: On the Home page, click the "Career Path" button.
2. **Fill Out Career Path Form**:

* Academic Records: Enter your grades, courses, and any other relevant academic details.
* Interests: Select your areas of interest from the provided list.

1. **Submit Career Path Form**: Click the "Submit" button.
2. **Processing Information**: The system will process your data and display a loading message.
3. **View Recommendations**: After processing, you will see a list of recommended courses tailored to your academic background and interests.
4. **Navigate**: You can either:

* Return to the Home page by clicking the "Home" button.
* Visit your user profile by clicking the "Profile" button.
* Log out by clicking the "Logout" button.

### University Eligibility Feature

1. **Click University Eligibility**: On the Home page, click the "University Eligibility" button.
2. **Fill Out University Eligibility Form**:

* Personal Details: Enter your name, email, and other required personal information.
* Academic Records: Provide details about your grades, test scores, and any other relevant academic achievements.

1. **Submit University Eligibility Form**: Click the "Submit" button.
2. **Processing Information**: The system will process your data and display a loading message.
3. **View Universities**: After processing, you will see a list of universities that match your academic profile.
4. **Navigate**: You can either:

* Return to the Home page by clicking the "Home" button.
* Visit your user profile by clicking the "Profile" button.
* Log out by clicking the "Logout" button.

### User Profile

1. **Access Profile**: Click on the "Profile" button either from the Home page or after receiving recommendations.
2. **View/Edit Information**: In your profile, you can view and edit your personal and academic information.
3. **Save Changes**: After making any changes, click the "Save" button to update your profile.

### Logging Out

1. **Click Logout**: To log out of the system, click the "Logout" button available on any page.
2. **Confirm Logout**: You will be redirected to the login page, confirming that you have been logged out.