Flask Web Application Setup with React UI

### **Set Up Your Development Environment**

1. **Install Python**: Ensure you have Python installed on your system. You can download it from [python.org](https://www.python.org/).
2. **Create a Virtual Environment**: Create a virtual environment to manage dependencies.

Create a virtual environment to manage dependencies.  
bash  
  
python -m venv venv

source venv/bin/activate # On Windows, use `venv\Scripts\activate`

**3. Install Flask**: Install Flask within your virtual environment.

bash

pip install Flask

pip install flask-cors

You can view flask packages using below command:

pip list

### **Run the Application**

1. **Start the Flask Server**: Run your Flask application.

Make sure flask.exe is in the execution path.

bash

flask run

### Deploy the Application

1. **Prepare for Deployment**:

Create a requirements.txt file listing all dependencies.  
bash  
  
pip freeze > requirements.txt

1. **Run the Application**:

You may need to set the FLASK\_APP environment variable correctly and then run the Flask application.

bash

export FLASK\_APP=main.py # On Windows use `set FLASK\_APP=main.py`

flask run

### Run React UI

npm install

Npm run

### Run the URL in a Web Brower

<http://127.0.0.1:5000> //flask web url - disabled now

[React App](http://localhost:3000/) //React UI