

Pirkey Avot Flask App Setup Instructions (Windows)

First-time Setup Instructions:

1. Open Command Prompt and create a new directory for your project:

```
mkdir pirkey_avot_flask
```

```
cd pirkey_avot_flask
```

2. Create a virtual environment:

```
python -m venv venv
```

3. Activate the virtual environment:

```
venv\Scripts\activate
```

Note: On macOS/Linux, use `source venv/bin/activate`

4. Create a `requirements.txt` file with the following content:

```
Flask==2.0.3
```

```
Flask-WTF==1.0.0
```

```
Flask-SQLAlchemy==2.5.1
```

5. Install the required packages:

```
pip install -r requirements.txt
```

6. Create the main application file `app.py`

7. Create a `templates` folder and place your `index.html` file inside it.

8. Set up the SQLite database (implement in `app.py`)

9. Set the `FLASK_APP` environment variable:

```
set FLASK_APP=app.py
```

Note: On macOS/Linux, use `export FLASK_APP=app.py`

10. Initialize the database (if using Flask-SQLAlchemy):

```
flask db init
```

```
flask db migrate
```

```
flask db upgrade
```

Running the App (after setup):

1. Open Command Prompt and navigate to your project directory:

```
cd path\to\pirkey_avot_flask
```

2. Activate the virtual environment:

```
venv\Scripts\activate
```

Note: On macOS/Linux, use `source venv/bin/activate`

3. Ensure all requirements are installed:

```
pip install -r requirements.txt
```

4. Set the FLASK_APP environment variable (if not already set):

```
set FLASK_APP=app.py
```

Note: On macOS/Linux, use `export FLASK_APP=app.py`

5. Run the Flask development server:

```
flask run
```

6. Open a web browser and go to `http://127.0.0.1:5000/` to view your app.

Optional: For development, enable debug mode by setting the FLASK_ENV environment variable:

```
set FLASK_ENV=development
```

Note: On macOS/Linux, use `export FLASK_ENV=development`