

Project Setup Guide

Prerequisites

Before running the application, ensure the following prerequisites are met:

1. Install SQLite

- SQLite is required for the database.
- For Windows:
 - Download from: <https://www.sqlite.org/download.html>
 - Add SQLite to your PATH if needed.

2. Create a Secret Key

You can generate a secret key in Python using the following code in a Python shell or script:

```
import random

import string

def generate_secret_key(length=32):

    return "".join(random.choices(string.ascii_letters + string.digits, k=length))

print(generate_secret_key())
```

3. Create a `.env` File

Create a `.env` file in the root of your project directory with the following content:

```
SECRET_KEY="your-generated-secret-key"

DATABASE_URL=sqlite:///instance/app.db
```

LLM_PROVIDER=Groq

OPENAI_API_KEY="your-openai-api-key"

OPENAI_MODEL=gpt-4

GROQ_API_KEY="your-groq-api-key"

GROQ_MODEL=llama-3.3-70b-versatil

Replace the values with your actual API keys and secret key.

4. Install Required Packages

Run the following command to install all dependencies:

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

5. Run the Application

To start the application, run:

```
python app_debug.py
```