

# Recipe app

A recipe-sharing web application built with the Python Flask framework for backend logic, SQLAlchemy for database management, and HTML/ CSS for the frontend interface.

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## Implemented Functional Requirements

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## Setup

### 1. Prerequisites

- python 3

```
python --version
```

- Git

```
git --version
```

- Virtual Environment

```
pip install virtualenv
```

### 2. Installation Instructions

1. Clone this repository

```
git clone https://github.com/CMPE-131
```

2. Go into the project directory and create a virtual environment

```
cd pathToProject
```

```
python -m venv venv
```

```
# On Linux
```

```
Source venv/bin/activate
```

```
# On window
```

```
venv\Scripts\activate
```

### 3. Install all dependencies

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

### 4. Set up the database in the terminal

```
from app import db, myapp
```

```
myapp.app_context().push()
```

```
db.create_all()
```

### 5. Run the App

```
python run.py
```

## Technologies

Python - Programmimg language

flask - Web framwork

flask-sqlalchemy - Database Management

Flask-Login - User session management

HTML/ CSS - Frontednd design

## Dependencies

All required Python packages are listed in requirements.txt