

Project Documentation

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Introduction

This project is a web application that provides various functionalities through a set of RESTful APIs. The application is structured to separate concerns into different modules such as controllers, entities, and utilities.

Installation

To install the project, follow these steps:

1. Clone the repository:

```
git clone <repository-url>
```

2. Navigate to the project directory:

```
cd <project-directory>
```

3. Create a virtual environment:

```
python -m venv venv
```

4. Activate the virtual environment:

- On Windows:

```
.\venv\Scripts\activate
```

- On Unix or MacOS:

```
source venv/bin/activate
```

5. Install the dependencies:

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

Project Structure

op_stock/

```
|— main.py
|— .env
|— .gitignore
|— app.py
|— cli.py
|— install.bat
|— LICENSE
|— README.md
|— requirements.txt
|— rules.txt
|— src/
| |— app/
| | |— controllers/
| | | |— ...
| | |— entities/
| | | |— ...
| | |— static/
| | | |— js/
| | | |— components/
| | | | |— chart.js
| | | | |— mainchart.js
| | | | |— table.js
| | | |— fw.js
| | | |— config.js
| | | |— preset.js
| |— etc/
| | |— init.env
| |— lib/
| | |— interfaces/
| | | |— ...
| | |— models/
| | | |— ...
| | |— utils/
| | |— ...
```

```
| └─ var/
| | └─ db/
| | | └─ ...
| | └─ tmp/
└─ start.bat
└─ start.sh
```

This structure provides an overview of the main files and directories in your project. You can expand the sections under **controllers**, **entities**, **interfaces**, **models**, and **utils** as needed to provide more detailed information about the contents of those directories. This structure provides an overview of the main files and directories in your project. You can expand the sections under **controllers**, **entities**, **interfaces**, **models**, and **utils** as needed to provide more detailed information about the contents of those directories.