

## USER GUIDE

AnyAni

Intelligent Anime Recommendation

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## User Guide

1. Requirement.....	3
1.1 Python server configuration.....	3
1.2 MySQL configuration.....	3
1.3 Vue.js configuration.....	4
1.4 Browser requirement.....	4
2. Best Practice.....	5
2.1 User Information .....	5
2.1.1 Login/Logout.....	5
2.1.2 Register.....	5
2.2 Rating & Anime Information.....	6
2.2.1 Anime details.....	6
2.2.2 Rating anime.....	6
2.2.3 Scored anime.....	7
2.3 Recommendation function .....	7
2.3.1 Get recommendation by rating.....	7
2.3.2 Get recommendation by chatbot.....	8
2.4 Functions of system.....	8
2.4.1 Search video.....	8
3. Interface document .....	10

# 1. Requirement

## 1.1 Python server configuration

- (1) First, check the system's pre-installed python version, Ubuntu typically comes with Python 3 pre-installed. You can check if it's already installed by running the following command in your terminal.

```
<python3 --version>
```

If your system already has Python3, you can skip 2 and proceed to step 3.

- (2) Then install python with the following command:

```
<sudo apt update>
```

```
<sudo apt install python3>
```

- (3) After that, let's install and use venv module to create a virtual environment for python.

```
<sudo apt install python3-venv>
```

```
<python3 -m venv myenv>
```

This will create a virtual environment named myenv in the current directory. And we can use this script to activate the virtual environment:

```
<source myenv/bin/activate>
```

Now, you can use pip to install Python package within the virtual environment without affecting the system-wide Python installation. For example, to install a package, you can run:

```
<pip install package_name>
```

## 1.2 MySQL configuration

First, open a terminal, and update the package list by running the following command in the terminal to ensure your system's package list is up to date.

```
<sudo apt update>
```

And then install MySQL server by running the following command:

```
<sudo apt install mysql-server>
```

During the installation, you will be prompted to set a password for the MySQL root user. Remember this password, as you will need it to log in to the MySQL server.

Once the MySQL server is installed, it should start automatically, you can use the following command to make sure MySQL is running:

```
<sudo systemctl status mysql>
```

Now, you have successfully installed MySQL on Ubuntu. You can use the MySQL client to connect to the server, manage databases, and data.

### 1.3 Vue.js configuration

First, you need to install Node.js, which include npm(Node Package Manager), as a package from the Ubuntu repositories:

```
<sudo apt update>
```

```
<sudo apt install nodejs>
```

```
<sudo apt install npm>
```

Once Node.js and npm are installed, you can use npm to install Vue CLI globally, which allow you to create and manage Vue.js projects.

```
<sudo npm install -g @vue/cli>
```

After that, you should install Yarn to manager you project. Yarn is a package manager for JavaScript and Node.js projects, it was designed to be a more efficient and reliable alternative to the npm.

To install Yarn on ubuntu, you can use the official method provided by Yarn, which involves adding the Yarn repository and then installing it.

```
<curl -sS https://dl.yarnpkg.com/debian/pubkey.gpg | sudo apt-key add ->
```

```
<echo "deb https://dl.yarnpkg.com/debian/ stable main" | sudo tee  
/etc/apt/sources.list.d/yarn.list>
```

After that, update your package list and install Yarn:

```
<sudo apt update>
```

```
<sudo apt install yarn>
```

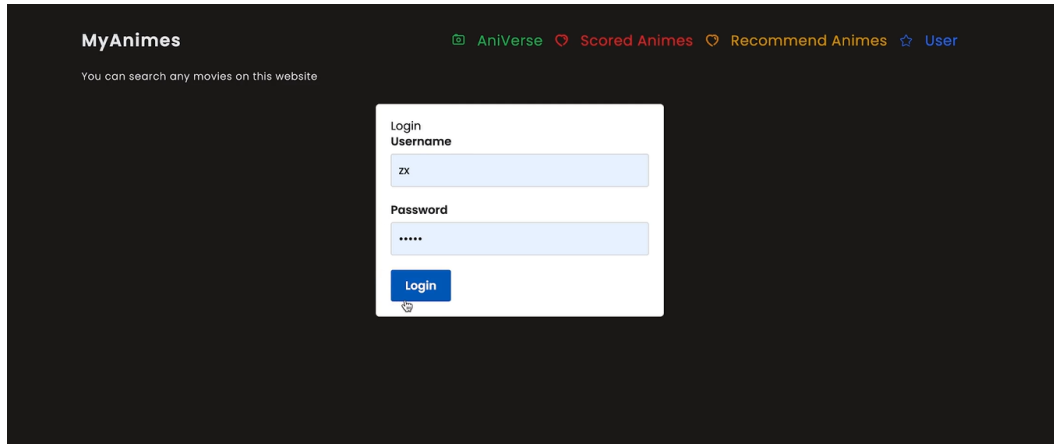
### 1.4 Browser requirement

IE10, IE11, Edge, Firefox, Chrome, safari, opera

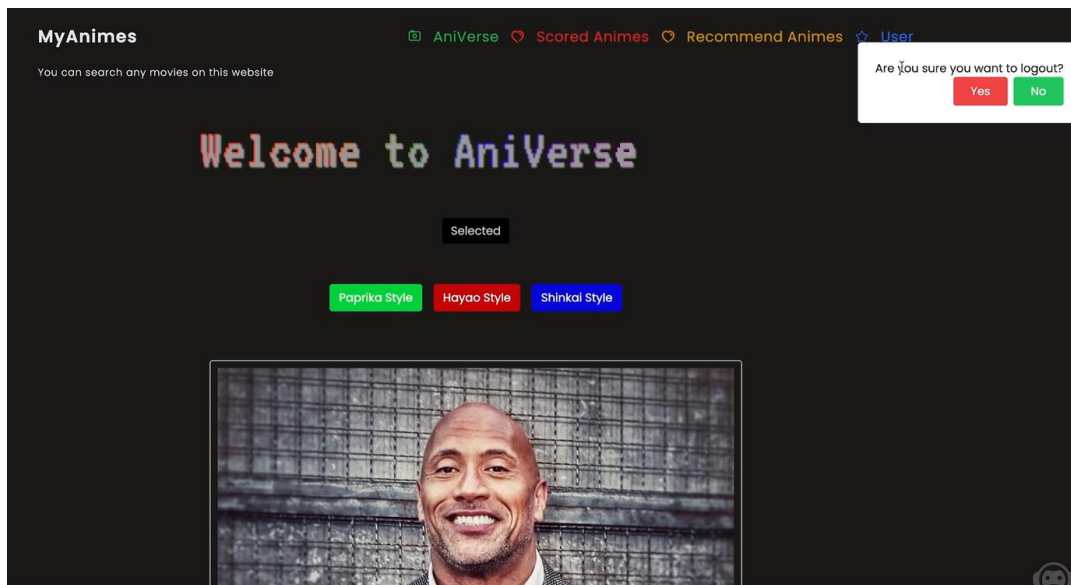
## 2. Best Practice

### 2.1 User Information

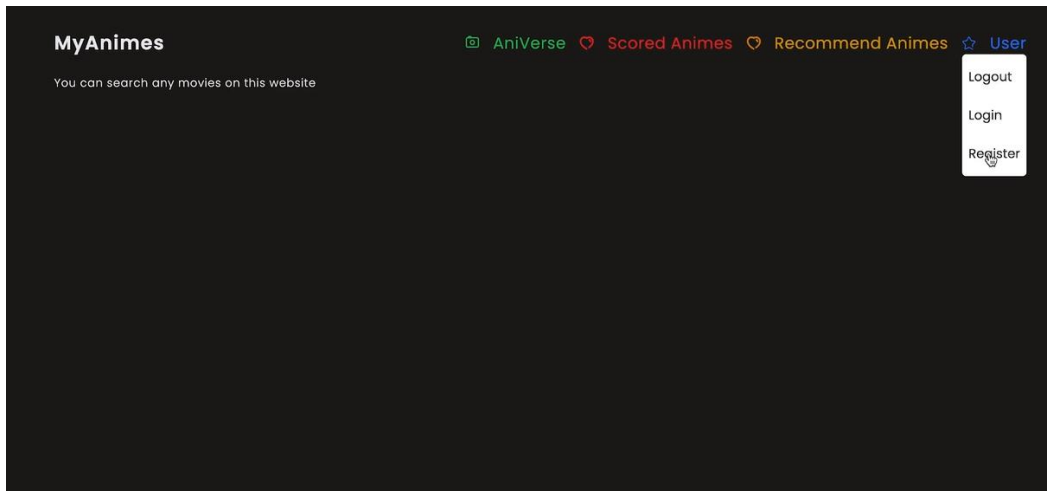
#### 2.1.1 Login/Logout



The screenshot shows the MyAnimes website's login interface. At the top, the site name "MyAnimes" is on the left, and navigation links "AniVerse", "Scored Animes", "Recommend Animes", and "User" are on the right. Below the site name is a search prompt: "You can search any movies on this website". The login form is a white box with a "Login" title. It contains a "Username" field with the text "zx" and a "Password" field with six asterisks. A blue "Login" button is at the bottom of the form.

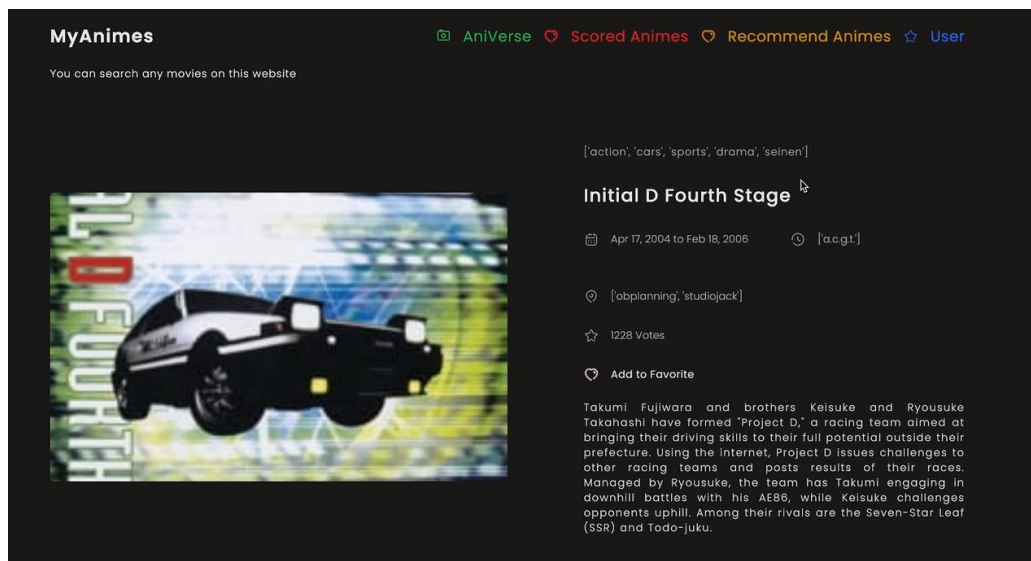


#### 2.1.2 Register

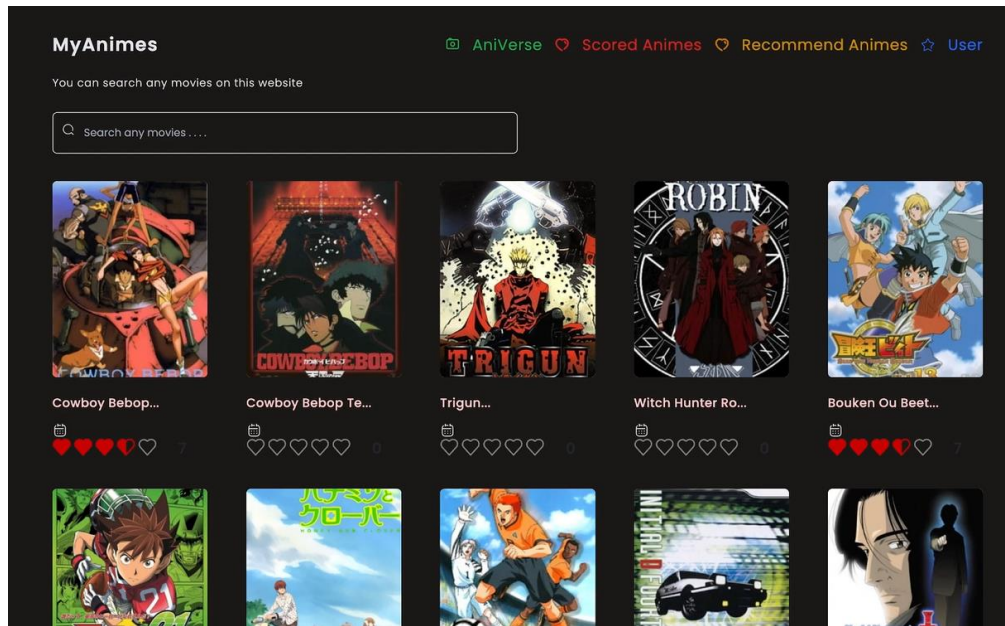


## 2.2 Rating & Anime Information

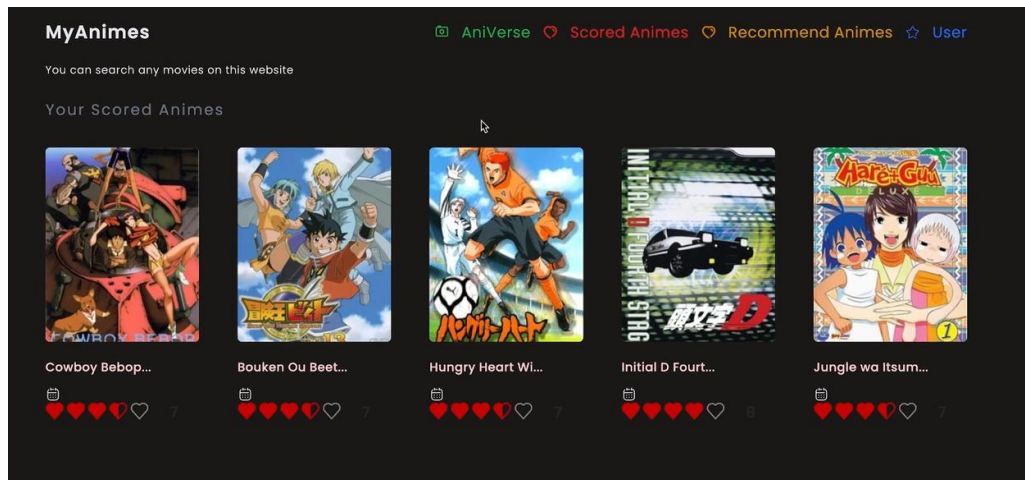
### 2.2.1 Anime details



### 2.2.2 Rating anime

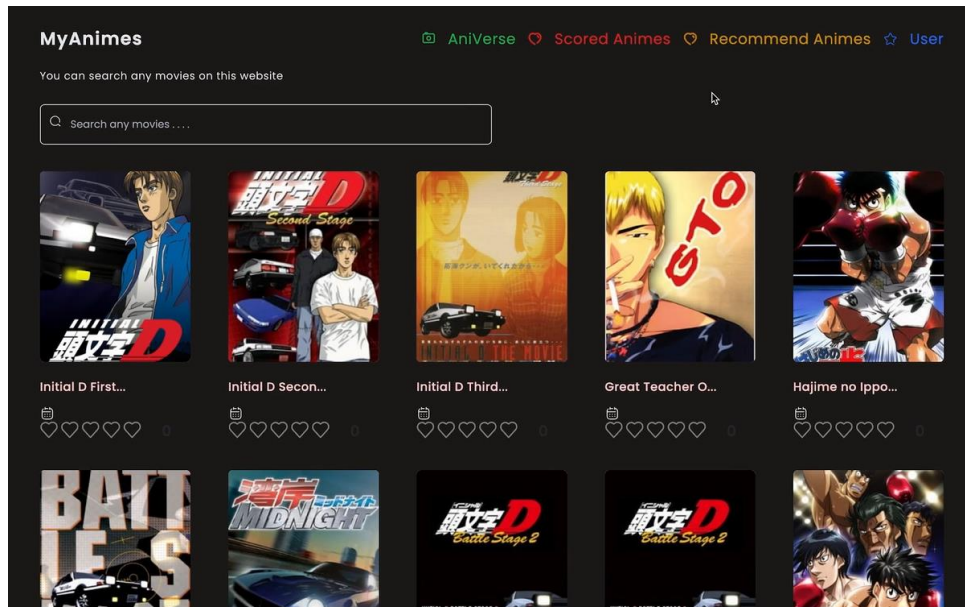


### 2.2.3 Scored anime

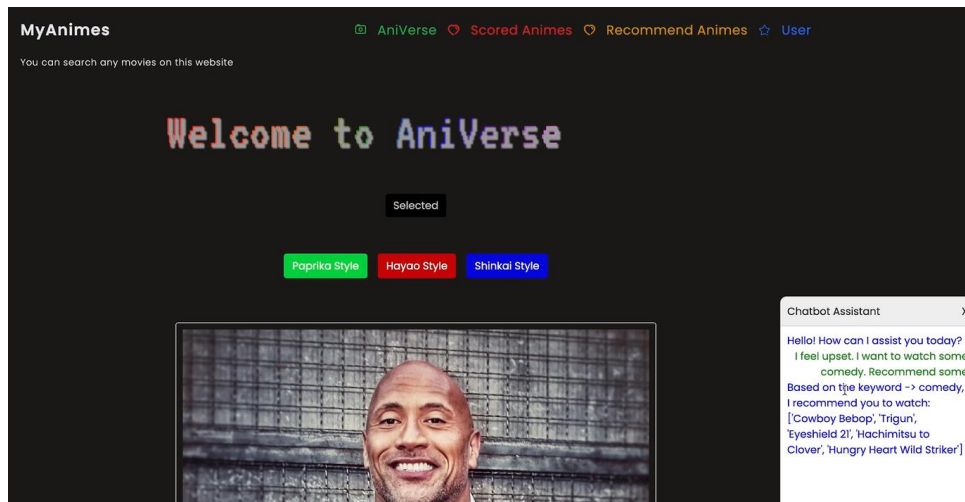


## 2.3 Recommendation function

### 2.3.1 Get recommendation by rating



### 2.3.2 Get recommendation by chatbot



## 2.4 Functions of system

### 2.4.1 Search video



MyAnimes

AniVerse


Scored Animes

Recommend Animes

User


You can search any movies on this website

Search any movies....




Cowboy Bebop...

7




Cowboy Bebop Te...

0




Trigun...

0




Witch Hunter Ro...


0





Bouken Ou Beet...


7











### 3. Interface document

Method	URL	parameters	remarks
POST	/login	{ "username" : "145", "password" : "145" }	Login
POST	/register	{ "username" : "145", "password" : "145", "email" : 123@163.com }	Register
GET	/detail	None	detail
GET	/anime	None	anime
GET	/recommend	None	recommend
GET	/get_userid	None	Get_userid
GET	/rating/fetch_ratings/<account_id>/<anime_id>	None	Fetch_ratings
POST	/rating/upload_ratings	{ "account_id" : "145", "anime_id" : "145", "score" : 10 }	Upload_ratings
GET	/rating/nonzero_rating/<account_id>	None	Nonzero_rating
POST	/Anyani/upload_image	{ "image" : file }	Upload_image
POST	/chatbot	{ "userMessage" : text }	chatbot