

Developers manual

NOTE : ALL THE DEPENDENCIES ARE INCLUDED IN THE REQUIREMENTS.TXT FILE.

How to start?

- Import the '**db.sql**' file to the MySQL database after creating a database by the name '**gossip_girl**'
- Run the Redis server first before starting the server by typing '**redis-server**' in the terminal
- After that run the Gunicorn server by going to the project directory and typing '**gunicorn -k event -b 0.0.0.0:PORT app:app**'
- Go to the browser by typing '**http://localhost:PORT**'

Technology stack

Back-end : Flask, MySQL

Front-end : HTML, Jinja templating engine, JS, JQuery

API endpoints

TO ADD A NEW SERIES

Endpoint : `http://localhost:PORT/add_series`

Format

title : Contains the name of the series to be added

username : Contains admin's username

Password : Contains admin's password

EX :

```
curl -i -H "Content-Type: application/json" -X POST -d '{"title":"Game of thrones", "username":"admin", "password":"admin"}' http://localhost:5000/add_series
```

Result

Improper format : The json format in the POST request is not valid

Authentication error : The admin credentials are not valid

Series Added Successfully : The series name has been added to the database

Already Exists : The series already exists in the database

TO POST AN UPDATE RELATED TO AN EXISTING SERIES

Endpoint : `http://localhost:PORT/post`

Format

title : Contains the name of the series for which the update has to be broadcasted

message : The update related to the series

username : Contains admin's username

Password : Contains admin's password

Ex :

```
curl -H "Content-Type: application/json" -X POST -d
'{"title":"Game of thrones","message":"Jon Snow is back
from dead","username":"admin", "password":"admin"}'
http://localhost:5000/post
```

Result

Improper format : The json format in the POST request is not valid

Authentication error : The admin credentials are not valid

Broadcast Successful : The update has been transmitted successfully

Unknown name : The series doesn't exist. First add it to the database

TO CHECK WHETHER A SERIES EXISTS OR NOT

Endpoint : http://localhost:PORT/check_existence

Format

series_name : The series name to be tested

Ex :

```
curl -H "Content-Type: application/json" -X POST -d  
'{"series_name": "Game of thrones"}' http://localhost:  
5000/check\_existence
```

Result

Success : The series exists

Failure : The series doesn't exist