Group Software Engineering Project

ECM2434

About

Details about the website tools and how to run the server locally

Tools

- python-django | 3.1.7
- bootstrap | v5.0.0-beta2

Installation & Running

Requirements

- Python 3.9
- Django 3.1.7

Install

1. Unzip "uni-board" to the desired install location

Running

1. Open a terminal in the directory where **"manage.py"** is located (**<install_directory>/uni-board/src**)
2. Run the following commands in order:
   a. **python manage.py makemigrations**
   b. **python manage.py migrate**
   c. **python manage.py loaddata pop.json**
   d. **python manage.py runserver**
3. Now open a browser of your choice and in the URL address enter…
   a. localhost:8000
      OR
   b. 127.0.0.1:8000
4. The page home page should now load

NOTE: Some site actions (i.e. creating a post) required a user to be logged in.
    If a user is **not** logged in they will be redirected to the login page when attempting these site actions

Features

- Message Board
- Quiz System
- LeaderBoards

Full Web-Site List

Section	URL's
Account Management	/account /account/register /account/login /account/logout /account//profile /account/profile/edit /account/change-password
LeaderBoard	/leaderboard
Message Board	/ /message_board /message_board/create /message_board/<int> (int == post_id) /message_board/my_posts

Quiz	/quiz

Server

This is the CL argument for the server

python manage.py < command >

Commands

Run these commands when you add/remove/move any django files

makemigrations

migrate

Starts the server in the current terminal

runserver

Create a super user that can be access in the "/admin" page

createsuperuser

Creates a new "app" (kinda like a module) in the src directory

startapp < appname >