Project Structure

Represents Directories

A tree.txt file is in the project structure outlining the structure of the project

TeamProject2021 -> Project Root

    .idea

- ➔ Holds default project settings

    .vscode

- ➔ Contains a launch.json file

    Documents

- ➔ Holds all Product Briefs

    Screenshots

- ➔ Images used for README.md

    teamProject -> Django Root (This directory is the projects connection with Django)

        leaderboard

        mapsMode

        media

- ➔ Contains 3 directories (easy, hard, retro) each representing different game modes. Each directory holds images showcased on the respective game mode

        static

- ➔ Images Directory containing images that are not used in any of the game modes. These include background images, slider on home page etc..
- ➔ Landing Page directory containing a CSS file for the landing page
- ➔ Map mode directory containing CSS and JS file for the hard mode
- ➔ All other CSS and JS files are stored on this level including a favicon

        teamProject

- ➔ Templates directory which holds .html files
- ➔ Contains URL configuration of project
- ➔ wsgi.py which is the pythonic way of developing web applications, setting.py which are shared between development and production settings
- ➔ Docker files
- ➔ A requirements.txt file that lists all of the modules needed for the Django project to work
- ➔ Admin.py which registers the users

        upload_image

- ➔ This app is responsible for uploading images from admin to be stored in the database
- ➔ Admin.py which configures the Django admin page
- ➔ Apps.py includes changes so it can be added to INSTALLED_APPS in setting.py

- ➔ Forms.py holds 3 fields each representing a game mode
- ➔ Models.py containing the path which the images should be uploaded to
- ➔ Views.py containing the method for the upload

userSetup

- ➔ This app is responsible for our login and registration system
- ➔ Apps.py includes changes so it can be added to INSTALLED_APPS in setting.py
- ➔ Views.py holds the methods for redirecting pages and logging in, registering, and signing out

db.sqlite3

- ➔ All the data that is generated is stored here

manage.py

- ➔ Command line utility that lets you interact with this Django project in various ways

requirements.txt

- ➔ A requirements.txt file that lists all of the modules needed for the Django project to work

.editorconfig

- ➔ Open source file format that helped us configure and enforce formatting and coding style conventions to achieve consistent, more readable codebases.

.gitignore

- ➔ File that tells Git which files we want ignored

README.md

- ➔ Contains information on the project