

Project Catalog

CS6460

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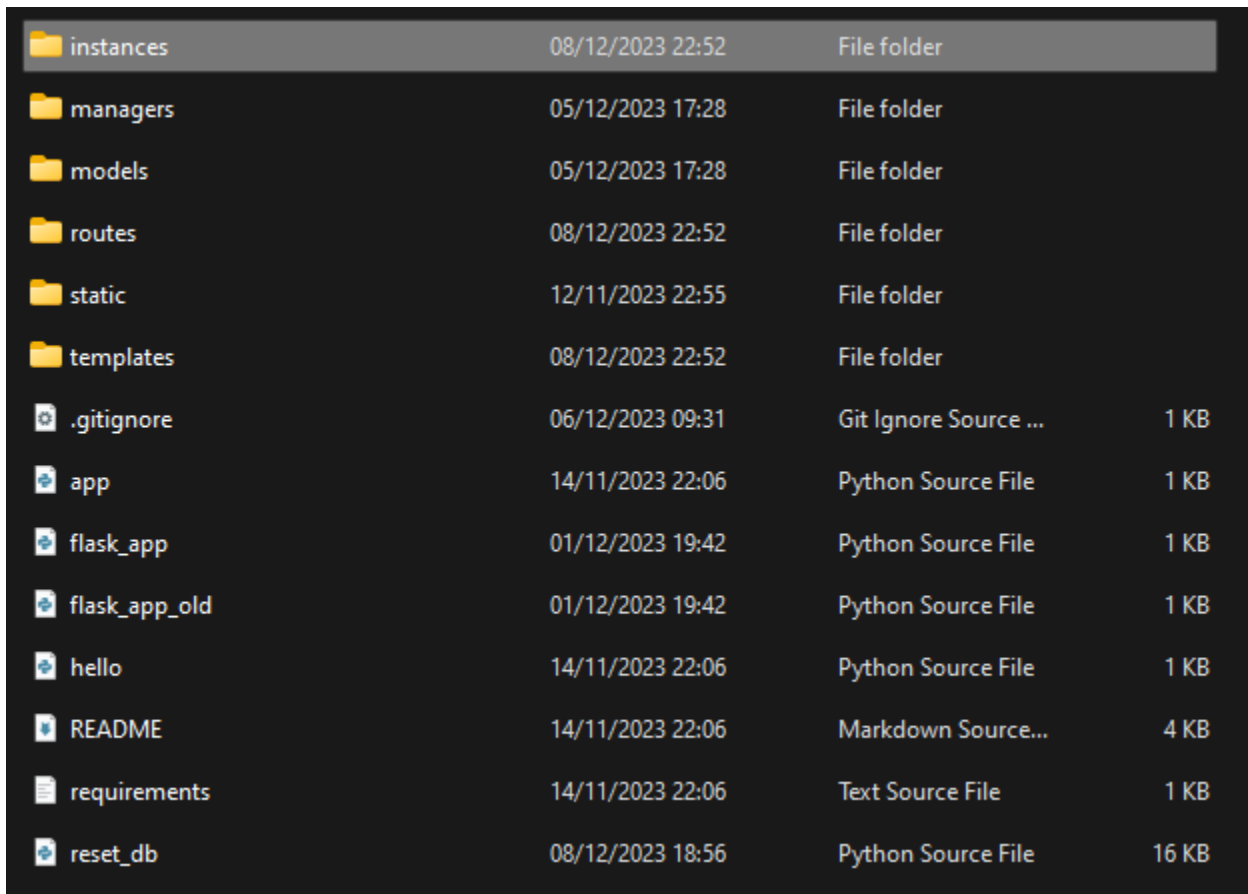
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PROJECT STRUCTURE

You can find the project on our GitHub page here:

<https://github.com/dstrube3/CS6460-Project>

Additionally you can see the structure in Figure 1 below.



instances	08/12/2023 22:52	File folder	
managers	05/12/2023 17:28	File folder	
models	05/12/2023 17:28	File folder	
routes	08/12/2023 22:52	File folder	
static	12/11/2023 22:55	File folder	
templates	08/12/2023 22:52	File folder	
.gitignore	06/12/2023 09:31	Git Ignore Source ...	1 KB
app	14/11/2023 22:06	Python Source File	1 KB
flask_app	01/12/2023 19:42	Python Source File	1 KB
flask_app_old	01/12/2023 19:42	Python Source File	1 KB
hello	14/11/2023 22:06	Python Source File	1 KB
README	14/11/2023 22:06	Markdown Source...	4 KB
requirements	14/11/2023 22:06	Text Source File	1 KB
reset_db	08/12/2023 18:56	Python Source File	16 KB

Figure 1—Project structure

The project root consists of the following files and directories:

- Directories:

- instances
 - Contains the database.db file that stores the SQL data that is used by the application
- managers
 - Contains the different manager.py Python files that have the source code for working with the database
- models
 - Contains the all_models.py Python file that has all of the database models defined in it. This file is used to create the different tables that will be stored in the database.db file.
- routes
 - Contains the routes.py Python file that has all of the Python Flask framework routes, that get triggered whenever the client makes a request to the server.
- static
 - Contains *styles* and *images* subdirectories. The *styles* directory contains CSS for the main_game_window.html template. The *images* directory contains all of the images that can be seen when application is run.
- templates
 - Contains the different HTML templates that get returned to the client from the server.
- Files:
 - .gitignore
 - Contains a list of files and directories that should be excluded when pushing commits to remote Git repository.
 - app.py
 - Starting point for the server code
 - hello.py
 - Testing Python script that can be used to see if Python Flask framework was set up correctly
 - README.md
 - Documentation of the project repository. Outlines how to run the application and instantiate the database.
 - requirements.txt

- List of packages needed to run the application. Normally this file would be used to install the packages in a virtual Python environment. See README.md for more information.
- reset_db.py
 - A script used to populate the database with some starting data like demo quizzes, questions, answers and games. See README.md for additional information.

If you wish to run the application locally, please follow the instruction described in README.md file