

TCP Connections Report

Proof of knowing your stuff in CSE312

Guidelines

Provided below is a template you must use to write your reports for your project.

Here are some things to note when working on your report, specifically about the **General Information & Licensing** section for each technology.

- **Code Repository:** Please link the code and not the documentation. If you'd like to refer to the documentation in the **Magic** section, you're more than welcome to, but we need to see the code you're referring to as well.
- **License Type:** Three letter acronym is fine.
- **License Description:** No need for the entire license here, just what separates it from the rest.
- **License Restrictions:** What can you *not* do as a result of using this technology in your project? Some licenses prevent you from using the project for commercial use, for example.

Also, feel free to extend the cell of any section if you feel you need more room.

If there's anything we can clarify, please don't hesitate to reach out! You can reach us using the methods outlined on the course website or see us during our office hours.

Flask / Python

General Information & Licensing

Code Repository	https://github.com/emilydesantis/cse312-because-the-internet
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License Restrictions	<ul style="list-style-type: none">• Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.• 2. Redistributions in binary form must reproduce the

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https://github.com/miguelgrinberg/Flask-SocketIO/blob/main/src/flask_socketio/_init_.py#L258

In line 164 once a client sends a ("join_lobby") socketio.on event the function join_lobby(data) is called so that a user can join the lobby.

https://github.com/miguelgrinberg/Flask-SocketIO/blob/main/src/flask_socketio/ __init__.py#L258

In line 182 once a client sends a ("submit_word") socketio.on event the function handle_submit(data) is called once a user makes a guess .

https://github.com/miguelgrinberg/Flask-SocketIO/blob/main/src/flask_socketio/ __init__.py#L258

In line 194 once a client sends a ("submit_question_or_guess") socketio.on event the function handle_submit_question_or_guess(data) is called when a user submits a guess or a question.

https://github.com/miguelgrinberg/Flask-SocketIO/blob/main/src/flask_socketio/ __init__.py#L258

In line 222 once a client sends a ("submit_answer") socketio.on event the function handle_submit_answer(data) is called once a user makes a final guess.

https://github.com/miguelgrinberg/Flask-SocketIO/blob/main/src/flask_socketio/ __init__.py#L258

In line 230 once a client sends a ("start_game") socketio.on event the function handle_start_game(data) is called once the host user starts the game.

https://github.com/miguelgrinberg/Flask-SocketIO/blob/main/src/flask_socketio/ __init__.py#L258

In line 244 once a client sends a ("start_question_round") socketio.on event the function handle_start_question_round(data) is called so that once the game begins and there hasn't been an item selected yet for a guess.

https://github.com/miguelgrinberg/Flask-SocketIO/blob/main/src/flask_socketio/ __init__.py#L258

In line 253 once a client sends a ("correct_guess") socketio.on event the function handle_correct_guess(data) is called so that once a user makes a correct guess.

https://github.com/miguelgrinberg/Flask-SocketIO/blob/main/src/flask_socketio/ __init__.py#L258

In line 265 once a client sends a ("select_role") socketio.on event the function handle_select_role(data) is called once two users have to pick their roles.

https://github.com/miguelgrinberg/Flask-SocketIO/blob/main/src/flask_socketio/ __init__.py#L258

In line 283 once a client sends a ("hide_ask") socketio.on event the function handle_hide_ask(data) is called so once the host user hasn't selected an item so that the user guessing isn't able to answer yes or no to the questions.

https://github.com/miguelgrinberg/Flask-SocketIO/blob/main/src/flask_socketio/ __init__.py#L258

In line 301 a web server is started when socketio.run() runs. This server listens for incoming HTTP and Websocket connections on port 8080, operating on top of TCP.

https://github.com/miguelgrinberg/Flask-SocketIO/blob/main/src/flask_socketio/ __init__.py#L553