**Runtime Terror**

**Capstone**

**User’s Manual**

**Setup and Compilation**

1. Download and unzip the submission (Capstone\_Fall2020\_RuntimeTerror.
2. The submission includes:
   1. Mongodb-api-app
   2. reports
   3. Public
   4. Src
   5. Tests
   6. .gitignore
   7. Debug.log
   8. Package.json
   9. README.md
3. Environment: This program was developed and tested using VS Code on a Windows 10 system. Chrome web browser was utilized to see and manually test/inspect the web application. Postman was used for testing api routes against the database.
4. Compiling: This program is compiled and run using VS Code on Windows, or via a terminal on a Linux system. The system must have the Node Package Manager installed with the latest version of NodeJS. This project contains two separate apps that need to be ran individually (a server app, and a web client app). We used a three-tier architecture.

**Running the program**

To run the two applications in this project first navigate into the ‘Capstone\_Fall2020\_RuntimeTerror’ folder and issue the ‘npm install’ command in the terminal. Once the node\_modules has successfully been installed locally run the ‘npm start’ command. This will open the web application in the browser. Now, the server must be started or the web app will not load the desired data. Open a new terminal window and use ‘cd mongodb-api-app' command to enter the folder containing the server application. Then, ‘npm install’ is used to install the necessary dependencies for the server. Once the node\_modules for the server have been successfully installed run ‘npm start’ from within the monogodb-api-app folder to start the server. Now both applications are running and you can successfully navigate the web app in the browser. Register and log into the site to experience all the features available in the application. To fully test the chatroom it may be necessary to open a second browser window.

**Output**

All output goes to the console.