

Time Logger Project

Course:

CIS-17B

Section:

43399

Due Date:

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Author:

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Purpose:

The purpose of the time logger is to track time spent in a session and send it to a database that manages total time. It would also compute total time spent over different sessions by loading in data from files.

Program Length:

The program contains 940 lines of code. It contains 3 classes and a main file.

Program Functionality:

Since the program is incomplete, it allows the user to login to admin or a student by loading in data from the file streams. If a student logs in, it will ask them what class they would like to record time for, and will check if this input is valid. The time tracking will activate if this input is valid, allowing them to view their log time summary of all classes or the current time elapsed in the session while it is running. Once they choose to end the session, it will update the files with this new log session.

If the user logs in as an admin, they will have the ability to view and edit students and instructors. They can also view classes but can only edit the times logged into classes per student. Once the user chooses to quit the admin menu and exit the code, it will update the files with any changes they made to the students, instructors, and classes.