Tidewater Community College

Project 4

Class Runner

Arron Vinyard

EGR 125: Intro to Engineering Methods

Professor Simmons

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Program Performance

This project performs well and accomplishes the primary goals provided. The secondary objective was to give the user the experience of logging into a normal computer terminal. It offers a user-friendly interface for interacting with the run logger. The program utilizes formatting functions to output clean and readable data. It performs input verification to ensure further inputs and outputs are valid.

Extra Credit Features

A logout feature was implemented to allow the user the log out and another user to log in. The program utilizes a feature that attempts to create a user folder to allow for better file organization. An additional feature added is the display of current local date and time during the login process, which may aid the user in date inputs.

Potential Improvements

An improvement to this program would be to provide the user with preference options, such as unit type or the option of adding (and encrypting via hashing) a password. These preferences would then be saved within another file and retrieved upon entering their name at the login screen. Another improvement would be to utilize a database rather than storing information in plain text files.