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Project Title:
HR Manager

Project Description:
The purpose of the application is to manager the staff of a company. The program take users input in the form of buttonClicked, strings and text inputs. There is two level of pass codes for the application for privacy purposes. If the user correctly input the level 1 pass code, they can get to view the database of the employees information (name, age and salary). If the user correctly input the level 2 pass code, they can add or remove an employee with their information, or they can modify the information on the database. And for our side project, we plan on doing a stock ticker.

Requirements Definition:

•The system tracks training type and training progress of employees

• Level 1 users can provide feedback and level 2 users can view it

• The system allows the user to create a one-time account id and password for the HR management system. As only HR employees have access to the system.

• The system only allows HR employees to access HR management system. If the ID does not match certain criteria, i.e., "TDHR01" then the system would not allow the user to access the system.

• The system provides a one time randomly generated pass code to the user for either level one or level two access.

• The system updates the employee dashboard if certain employees requested time off

• The system updates the employee dashboard if certain employees did not receive their bi-weekly paycheck

• The system saves changes made by level 2 users on a txt file (the txt file is exclusively accessible by level two users)

• Level 2 users can reimburse the employees who did not receive their paycheck using the application

• The system can terminate all information and clear the employee database (kill switch)

•There will be a login screen if it is the user's first time using the app. If the user is already signed in from a previous login, the login screen is bypassed, and the user can access the main application immediately.

•The employees' information will be arranged in a customizable table for easy access.

•The user of the application can search for individual employees through a search bar.