Task List

1. GUI-tasks 1. The users will need a GUI interface to collect the data. Something the employees can interact with and put their information into.
    a. Sub-tasks 1. The users will need a way to save this on the interface.
        i. When saving data the information is first checked for any SQL injections to prevent attacks on vulnerable information. (Small businesses are often seen as vulnerable/easy targets so this is a good safety measure).
        ii. After checking the data it will be saved into the database and create a new record for that employee.
    b. Sub-tasks 2. Saved data will need to send an alert to the user that it has been correctly created and saved appropriately.
    c. Sub-tasks 3. Employees will need a button to clock in and clock out
2. Tasks 2. The employee's need to be able to view their data
    a. Sub-tasks 1. Create an employee class that will act as a secondary subclass that allows the demographics, skills, and job class to extend.
    b. Sub-tasks 2. Create a method that allows the employee to view and edit their personal data such as demographics and only allow them to view their evaluations.
    c. Sub-tasks 3. Have employees extend person and instantiate an array list called job history containing info from the job class.
3. GUI Tasks 2. The user will need to be able to read a user from the database.
    a. Sub-tasks 1. A query at the data layer will be written to return specific employee demographics, job history, and evaluation tracking.

    i. Information to be returned.

b. Sub-tasks 2. The user will need a search function in the GUI interface the user can use to select a specific user.
    i. The search function should be able to have a subfunction of which specific database they wish to access. Also, a user authentication level to make sure normal employees and anyone under a certain access level may not access employee information.
c. Sub-tasks 2.1 The user should be able to filter employees and information using a specific data query type
d. Sub-tasks 3. The search mechanism that is triggered to access the function (A search bar similar to Canvas/google should be sufficient)
    i. After a search is triggered it will ask if you wish to access a specific database or all information. Then that data will be displayed on the GUI
e. Sub-tasks 4. In the case of no data or wrong access level then the user should receive a message explaining that the user does not exist or they do not have such access.