SuperClass Gui Main

+mainWindow → frame

BaseFrame();

Class frameUsers() extends Gui Main

+userFrame → frame

+userButtons → button

UserFrame();

GUI DESIGN

Class frameUserInfo() extends Gui Main

+saveButton, +deleteButton, +searchButton, +closePopupButton → buttons

+demographics - text fields

GetUser();

Class frameSearchUsers() extends Gui Main

+searchBar - textField
+filterSearchButton +closePopupButton - button
+SearchPopup - frame
+filterPopup - frame
+filterDemographics - text field

FilterDatabase();

Abstract Person

Contains employee, and manager.
+hours_Worked: float
+clocked_In: boolean
+break: boolean
+logIn(); boolean
+logOut(); boolean

logIn();
punch_InNOut():
On_break():
capture_Time():
logOut();

Private class helper/data validation

+access_level: String
+PhoneNumberCheck: boolean
+emailAddressCheck: boolean
+InjectionCheck: boolean
+passwordCheck: boolean
+changesSaved: boolean

access_Level_Check()
Validate_Phone_Number()
Validate_Email_Address()
SQL_Injection_Check()
ValidateLogin()
CheckPassword()
saveChanges()

2nd Level Subclass Employee

Extends Person
jobHistory: ArrayList<Job>
Contains Skills, Evaluations, demographics, job class

+viewPersonalData():
+editPersonalData():
+viewEvaluations():

Skill Extends Employee

Critical Skills: String

Skill Level: String

Soft Skills: String

Gifts: Strings

Add_Critical_Skills()

Add_Skill_Level()

Add_Soft_Skills()

Add_Gifts()

Demographics extends employee

+name: String
+address: String
+phone_number: String
+emails: String
+insurance_Provider: String
+emergency_contact: String

+add_Name()
+add_Address()
+add_Phone_Number()
+add_Emails()
+add_Insurance_Provider()
+add_Emergency_Contact_Info()

Job extends employee

+companyName: String
+supervisor: String
+teamMatesNames: String
+jobLength: int
+teamRoles: String

+addCompanyName()
+addSuperviosr()
+addTeamMatesNames:()
+addJobLength()
+addTeamRoles()

Manager

evaluations: ArrayList<Evaluation>
Extends person

+create_Eval():
+update_Eval():
+read_Eval():
+delete_Eval():
+viewEmployeeData():

Evaluation

+eval supervisor: String
+date of eval mm/dd/yy: String
+employee mental state: String
+recommendations: String

+add_Supervisor():
+add_Date():
+add_MentalState():
+add_Recommendations():
+add_Violations():