Screenshots for the progress of the class diagrams

Top diagram (classes)

LoginDisplay
+ initialise()
+ remove()

MainDisplay
+ initialise()
+ show()
+ hide()
+ die()

ReviewFrame
+ initialise()
+ die()

CreateReview
+ initialise()
+ die()

UserOverview
+ initialise()
+ die()
+ hide()
+ show()

UsersDisplay
+ initialise()
+ die()
+ show()
+ hide()

Manager

Employee

Director

HREmployee

Reviewer

HRDirector

MyPdFrame
+ show()
+ saveAndBack()
+ die()
+ backFunction()
+ hide()

PdCreateFrame
+ initialise()
+ show()
+ saveAndBack()
+ die()
+ hide()

PDFrame
+ show()
+ saveAndBack()
+ die()
+ backFunction()
+ hide()

Auth
- currentUser: User [1]
- outcome: String [1]
- myDb: <Undefined> [1]
+ logAttempt(in uName: String, in pwd...
+ logAuth()
+ toggleLog(in input: Boolean)
+ checkValidUser(in uName: String, in...
+ getCurrentUser()
+ connectToDb()
+ setOutcome()

User
- role: String [1]
- id: Integer [1]
- higherAccess: Boolean [1]
- FirstName: String [1]
+ setLastName(in input: String)
+ setFirstName(in input: String
+ setRole(in input: String)
+ getId()
+ setHIrAccess(in input: Boolean)
+ getLastName()
+ getFirstName()
+ getRole()
+ getAccess()

MyDetails
- myDb: <Undefined> [1]
- myCurrentDetails: MyPdStore [1]
+ pullDetails()
+ connectToDb()
+ pushDetails()
+ getMyCurrentDetails()
+ checkDB()
+ pushDetails()

Db
+ Db()
+ connectToDb()
+ populateAllEmployees()
+ convertData()
+ findUser()
+ matchPersonalDetails()
+ pullDetails()
+ creatingPd()
+ insertUser()
+ pushDetails()
+ getEmployees()
+ getSelectedUser()
+ GetSelectedUserDetails()

HRDatabase
- data: <Undefined> [1]
- myDb: <Undefined> [1]
+ connectToDb()
+ availableReviewers()
+ convertData()

AppController
+ Auth: Auth [1]
+ detailsLookUp: MyDetails [1]
+ userInfo: <Undefined> [1]
+ generatePd()
+ showLookUp()
+ reviewMenu(in uName: String, in pwd: String)
+ toggleAuthorisation(in input: Boolean)
+ createDetails()
+ viewDetails()
+ insertMyDetails()
+ saveMyDetails()
+ saveTheirDetails()
+ createNewReview()

MyPdStore
- telenum: <Undefined> [1]
- mobile: <Undefined> [1]
- emergencyContact: <Undefined> [1]
- emergencyNum: <Undefined> [1]
+ getEmergencyContact()
+ getCounty()
+ getFirstName()
+ getPostcode()
+ setFirstName()
+ setPostcode()
+ getCity()
+ getLastName()
+ getAddress1()

PdStore
- city: <Undefined> [1]
- address: <Undefined> [1]
- dob: <Undefined> [1]
- emergencyContact: <Undefined> [1]
+ setTelenum()
+ setAddress2()
+ setFirstName()
+ setCounty()
+ setMobile()
+ setPostcode()
+ setEmergencyNum()
+ setCity()
+ setEmergencyContact()

Lower diagram (class hierarchy)

Employee

HREmployee

Manager

Director

Reviewer

HRDirector
+ CreatePersonal...
+ AmendPersonal...

User
- Name: String [1]
+ ReadPersonalDetails()
+ logIn()
+ logOut()

Auth
- currentUser: User [1]
- myDb: EJavaObject [1]
+ checkValidUser(): Boolean
+ conntectToDb()
+ logAttempt()

AllDetails
+ connectToDb()
+ pushDetails(in null: Integer)
+ checkDB(in null: Integer)
+ pullDetails()
+ pushDetails()
+ getMyCurrentDetails()

PdStore
- Surname: String [1]
- Name: String [1]
- DateOfBirth: Integer [1]
- Address: String [1]
- City: String [1]
+ getFirstName()
+ getLastName()
+ getDoB()
+ getAddress1()
+ getAddress2()
+ getCity()
+ getPostcode()
+ getCounty()
+ getTelenum()
+ getMobile()
+ getEmergencyContact()
+ getEmergencyNum()

AppController
+ logIn()
+ logOut()
+ main(in args: String)
+ generatePd()

UML Class Diagram (Page 3 of 4)

Diagram 1 (top)

Actors: Manager, Employee, Director, HREmployee, Reviewer, HRDirector

Auth
- currentUser: User [1]
- outcome: String [1]
- myDb: <Undefined> [1]
+ logAttempt(in uName: String, in pwd...
+ logAuth()
+ toggleLog(in input: Boolean)
+ checkValidUser(in uName: String, in...
+ getCurrentUser()
+ connectToDb()
+ getOutcome()

User
- role: String [1]
- id: Integer [1]
- higherAccess: Boolean [1]
- firstName: String [1]
+ setLastName(in input: String)
+ setFirstName(in input: String)
+ setRole(in input: String)
+ getId()
+ setHrAccess(in input: Boolean)
+ getLastName()
+ getFirstName()
+ getRole()
+ getAccess()

MyDetails
- myDb: <Undefined> [1]
- myCurrentDetails: MyPdStore [1]
+ pullDetails()
+ connectToDb()
+ pushDetails()
+ getMyCurrentDetails()
+ checkDB()
+ pushDetails()

Db
- selectedUser: User [1]
- data: String [1]
- selectedUserDetails: MyPdStore [1]
+ Db()
+ connectToDb()
+ populateAllEmployees()
+ convertData()
+ findUser()
+ matchPersonalDetails()
+ pullDetails()
+ creatingPd()
+ insertNew()
+ pushDetails()
+ getEmployees()
+ getSelectedUser()

HRDatabase
- data: <Undefined> [1]
- myDb: <Undefined> [1]
+ connectToDb()
+ availableReviewers()
+ convertData()

AppController
- Auth: Auth [1]
- detailsLookUp: MyDetails [1]
- userInfo: <Undefined> [1]
+ logOut()
+ main(in args: String)
+ removeMain()
+ selectedDetails()
+ removeMyPd()
+ saveMyDetails(in id: Integer)
+ logIn(in uName: String, in pwd: String)
+ showMain()
+ generatePd()
+ showLookUp()

MyPdStore
- sName: <Undefined> [1]
- fName: <Undefined> [1]
- dob: <Undefined> [1]
- address1: <Undefined> [1]
- address2: <Undefined> [1]
+ setDoB()
+ setCounty()
+ setEmergencyContact()
+ setMobile()
+ setEmergencyNum()
+ setAddress()
+ setTelenum()
+ setLastName()
+ setCity()

Diagram 2 (bottom)

Actors: Manager, Employee, Director, HREmployee, Reviewer, HRDirector

LoginDisplay
+ initialise()
+ remove()

MainDisplay
+ initialise()
+ show()
+ hide()
+ die()

ReviewFrame
+ die()
+ initialise()
+ createreview

CreateReview
+ initialise()
+ die()

UserOverview
+ initialise()
+ die()
+ hide()
+ show()

UsersDisplay
+ initialise()
+ die()
+ show()
+ hide()

Auth
- currentUser: User [1]
- outcome: String [1]
- myDb: <Undefined> [1]
+ logAttempt(in uName: String, in pw...
+ logAuth()
+ toggleLog(in input: Boolean)
+ checkValidUser(in uName: String, in...
+ getCurrentUser()
+ connectToDb()

User
- role: String [1]
- id: Integer [1]
- higherAccess: Boolean [1]
- firstName: String [1]
+ setLastName(in input: String)
+ setFirstName(in input: String)
+ setRole(in input: String)
+ getId()
+ setHrAccess(in input: Boolean)
+ getLastName()
+ getFirstName()
+ getRole()
+ getAccess()

MyDetails
- myDb: <Undefined> [1]
- myCurrentDetails: MyPdStore [1]
+ pullDetails()
+ connectToDb()
+ pushDetails()
+ getMyCurrentDetails()
+ checkDB()
+ pushDetails()

Db
+ Db()
+ connectToDb()
+ populateAllEmployees()
+ convertData()
+ findUser()
+ matchPersonalDetails()
+ pullDetails()
+ creatingPd()
+ insertNew()
+ pushDetails()
+ getEmployees()
+ getSelectedUser()
+ GetSelectedUserDetails()

HRDatabase
- data: <Undefined> [1]
- myDb: <Undefined> [1]
+ connectToDb()
+ availableReviewers()
+ convertData()

AppController
- Auth: Auth [1]
- detailsLookUp: MyDetails [1]
- userInfo: <Undefined> [1]
+ logOut()
+ main(in args: String)
+ removeMain()
+ selectedDetails()
+ removeMyPd()
+ saveMyDetails(in id: Integer)
+ logIn(in uName: String, in pwd: String)
+ showMain()
+ generatePd()
+ showLookUp()

MyPdStore
- sName: <Undefined> [1]
- fName: <Undefined> [1]
- dob: <Undefined> [1]
- address1: <Undefined> [1]
- address2: <Undefined> [1]
+ setDoB()
+ setCounty()
+ setEmergencyNum()
+ setMobile()
+ setEmergencyNum()
+ setAddress()
+ setTelenum()
+ setLastName()
+ setCity()

MyPdFrame
+ initialise()
+ show()
+ saveAndBack()
+ die()
+ backFunction()

PdCreateFrame
+ initialise()
+ show()
+ saveAndBack()
+ die()
+ backFunction()

PDFrame
+ initialise()
+ show()
+ saveAndBack()
+ die()
+ backFunction()

PdStore
- fName: <Undefined> [1]
- telenum: <Undefined> [1]
- sName: <Undefined> [1]
- address2: <Undefined> [1]
- emergencyNum: <Undefined> [1]
+ setTelenum()
+ setAddress2()
+ getFirstName()
+ setCounty()
+ setMobile()
+ setPostcode()
+ setEmergencyNum()
+ setCity()
+ setEmergencyContact()