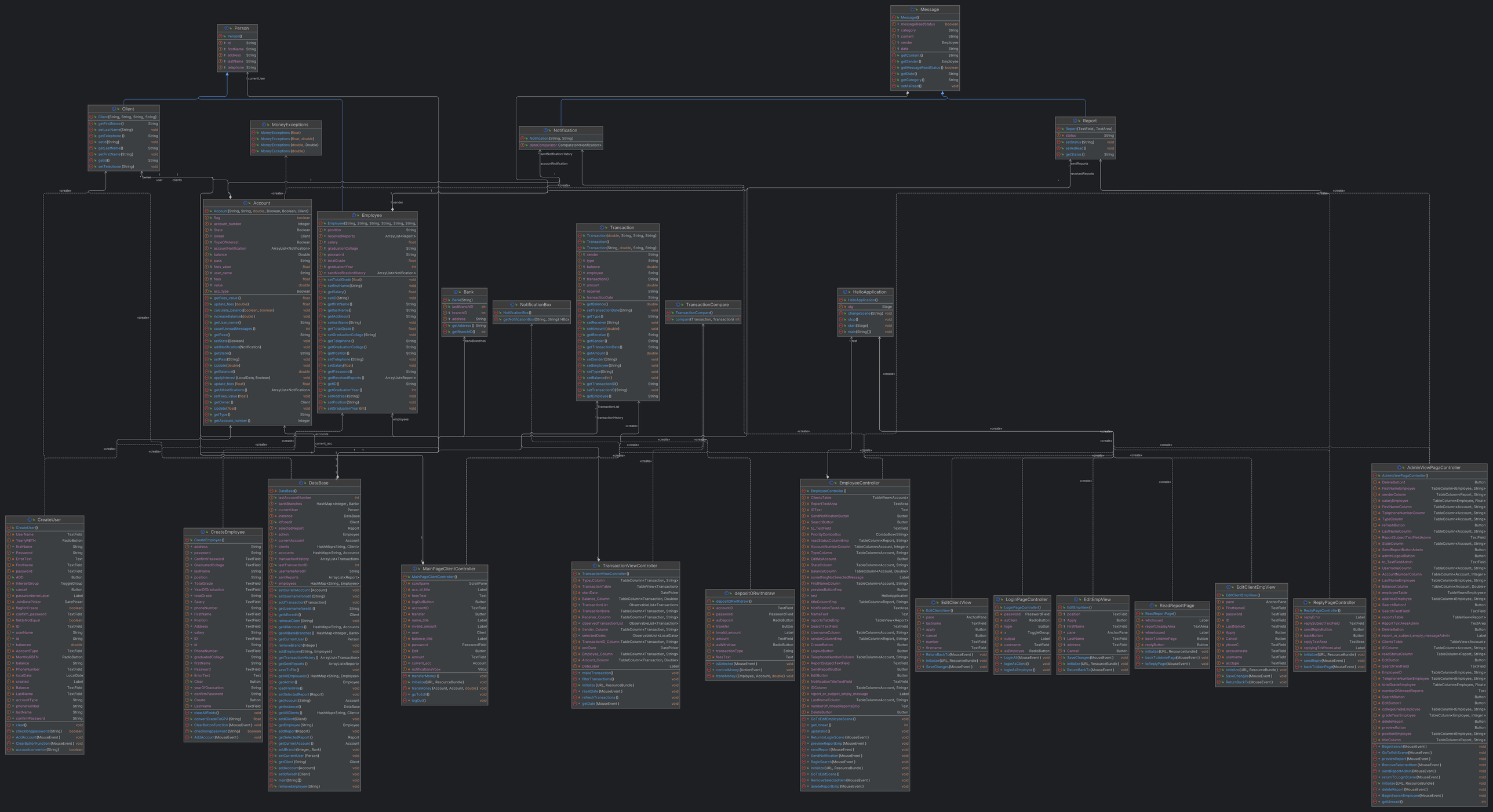
Person
Person()
id String
firstName String
address String
lastName String
telephone String
currentUser
Message
Message()
messageReadStatus boolean
category String
content String
sender Employee
date String
getContent() String
getSender() Employee
getMessageReadStatus() boolean
getDate() String
getCategory() String
setAsRead() void
Client
Client(String, String, String, String)
getFirstName() String
setLastName(String) void
getTelephone() String
setId(String) void
getLastName() String
setFirstName(String) void
getId() String
setTelephone(String) void
MoneyExceptions
MoneyExceptions (float)
MoneyExceptions (float, double)
MoneyExceptions (double, Double)
MoneyExceptions (double)
Notification
Notification(String, String)
dateComparator ComparatorNotification>
sentNotificationHistory
accountNotification
Report
Report(TextField, TextArea)
status String
setStatus(String) void
setAsRead() void
getStatus() String
sentReports
receivedReports
owner
user
clients
Account
Account(String, String, double, Boolean, Boolean, Client)
flag boolean
account_number Integer
State Boolean
owner Client
TypeOfInterest Boolean
accountNotification ArrayList<Notification>
balance Double
pass String
fees_value float
user_name String
fees float
value double
acc_type Boolean
getFees_value() float
update_fees (double) float
calculate_balance(boolean, boolean) void
increaseBalance(double) void
getUser_name() String
countUnreadMessages() int
getPass() String
setState (Boolean) void
addNotification (Notification) void
getState() String
setPass (String) void
Update(double) void
getBalance() double
applyInterest (LocalDate, Boolean) void
update_fees (float) float
getAllNotifications() ArrayList<Notification>
setFees_value (float) void
getOwner() Client
Update (float) void
getType() String
getAccount_number() Integer
Employee
Employee(String, String, String, String, String, String,
position String
receivedReports ArrayList<Report>
salary float
graduationCollage String
password String
totalGrade float
graduationYear int
sentNotificationHistory ArrayList<Notification>
setTotalGrade(float) void
setfirstname(String) void
getSalary() float
setID(String) void
getfirstName() String
getlastName() String
getAdress() String
setlastName(String) void
getTotalGrade() float
setGraduationCollage (String) void
getTelephone () String
getGraduationCollage() String
getPosition() String
setTelephone (String) void
setSalary (float) void
getPassword() String
getReceivedReports () ArrayList<Report>
getID() String
getGraduationYear() int
setAdress (String) void
setPosition (String) void
setGraduationYear (int) void
Bank
Bank(String)
lastBranchID int
branchID int
address String
getAddress() String
getBranchID() int
NotificationBox
NotificationBox()
getNotificationBox(String, String) HBox
TransactionCompare
TransactionCompare()
compare(Transaction, Transaction) int
Transaction
Transaction(double, String, String, String)
Transaction()
Transaction(String, double, String, String)
sender String
type String
balance double
employee String
transactionID String
amount double
receiver String
transactionDate String
getBalance() double
setTransactionDate(String) void
getType() String
setReceiver (String) void
setAmount (double) void
getReceiver () String
getSender () String
getTransactionDate() String
getAmount () double
setSender (String) void
setEmployee (String) void
setType(String) void
setBalance(int) void
getTransactionID() String
setTransactionID(String) void
getEmployee() String
HelloApplication
HelloApplication()
stg Stage
changeScene(String) void
stop() void
start(Stage) void
main(String[]) void
text
TransactionList
TransactionHistory
employees
accounts
current_acc
DataBase
DataBase()
lastAccountNumber int
bankBranches HashMap<Integer, Bank>
currentUser Person
instance DataBase
idforedit Client
selectedReport Report
admin Employee
currentAccount Account
clients HashMap<String, Client>
accounts HashMap<String, Account>
transactionHistory ArrayList<Transaction>
lastTransactionID int
usernameforedit String
sentReports ArrayList<Report>
employees HashMap<String, Employee>
setCurrentAccount (Account) void
setUsernameforedit (String) void
addTransaction (Transaction) void
getUsernameforeat () String
getIdforedit () Client
removeClient (String) void
getAllAccounts () HashMap<String, Account>
getAllBankBranches () HashMap<Integer, Bank>
getCurrentUser () Person
removeBranch(Integer) void
addEmployee (String, Employee) void
getTransactionHistory () ArrayList<Transaction>
getSentReports () ArrayList<Report>
saveToFile() void
getAllEmployees () HashMap<String, Employee>
getAdmin () Employee
loadFromFile() void
setSelectedReport (Report) void
getAccount (String) Account
getInstance () DataBase
getAllClients () HashMap<String, Client>
addClient (Client) void
getEmployee (String) Employee
addReport (Report) void
getSelectedReport () Report
getCurrentAccount () Account
addBranch(Integer, Bank) void
setCurrentUser (Person) void
getClient (String) Client
addAccount(Account) void
setIdforedit (Client) void
main(String[]) void
removeEmployee(String) void
CreateUser
CreateUser ()
UserName TextField
YearlyRBTN RadioButton
firstName String
Password String
ErrorText Text
FirstName TextField
password TextField
ADD Button
InterestGroup ToggleGroup
cancel Button
passworderrorLabel Label
JoinDatePicker DatePicker
flagforCreate boolean
confirm_password TextField
fieldsNotEqual boolean
ID TextField
userName String
id String
balancee double
AccountType TextField
MonthlyRBTN RadioButton
balance String
PhoneNumber TextField
localDate LocalDate
created Label
Balance TextField
LastName TextField
accountType String
phoneNumber String
lastName String
confirmPassword String
clear() void
checkIongpassword(String) boolean
AddAccount(MouseEvent) void
ClearButtonFunction (MouseEvent) void
accountconvertor (String) boolean
CreateEmployee
CreateEmployee()
address String
password String
ConfirmPassword TextField
GraduatedCollage TextField
lastName String
position String
Salary TextField
phoneNumber String
FirstName TextField
Position TextField
Address TextField
salary String
ID TextField
id String
PhoneNumber TextField
graduatedCollage String
firstName String
Password TextField
ErrorText Text
Clear Button
yearOfGraduation String
confirmPassword String
Create Button
LastName TextField
clearAllFields() void
convertGradeToGPA (String) float
ClearButtonFunction (MouseEvent) void
checkIongpassword(String) boolean
AddAccount(MouseEvent) void
ClearButtonFunction (MouseEvent) void
MainPageClientController
MainPageClientController ()
accpane ScrollPane
acc_id_title Label
feesText Text
logOutButton Button
accountID TextField
transfer Button
name_title Label
invalid_amount Label
user Client
balance_title Label
password PasswordField
Edit Button
amount TextField
current_acc Account
notificationsVbox VBox
transferMoney () void
initialize (URL, ResourceBundle) void
transMoney (Account, Account, double) void
goToEdit() void
logOut() void
TransactionViewController
TransactionViewController ()
Type_Column TableColumn<Transaction, String>
TransactionTable TableView<Transaction>
startDate DatePicker
Balance_Column TableColumn<Transaction, Double>
TransactionList ObservableList<Transaction>
TransactionDate TableColumn<Transaction, String>
Receiver_Column TableColumn<Transaction, String>
observeTransactionList ObservableList<Transaction>
Sender_Column TableColumn<Transaction, String>
selectedDates ObservableList<LocalDate>
TransactionID_Column TableColumn<Transaction, String>
endDate DatePicker
Employee_Column TableColumn<Transaction, String>
Amount_Column TableColumn<Transaction, Double>
DateLabel Label
makeTransaction() void
filterTransactions() void
initialize (URL, ResourceBundle) void
resetDate (MouseEvent) void
refreshTransactions () void
getDate (MouseEvent) void
depositORwithdraw
depositORwithdraw ()
accountID TextField
password PasswordField
asDeposit RadioButton
transfer Button
invalid_amount Label
amount TextField
asWithdraw RadioButton
transactionType String
feesText Text
isSelected(MouseEvent) void
controlMoney (ActionEvent) void
transMoney (Employee, Account, double) void
EmployeeController
EmployeeController ()
ClientsTable TableView<Account>
ReportTextArea TextArea
IDTxt1 Text
SendNotificationButton Button
SearchButton Button
to_TextField TextField
PriorityComboBox ComboBox<String>
readStatusColumnEmp TableColumn<Report, String>
AccountNumberColumn TableColumn<Account, Integer>
TypeColumn TableColumn<Account, String>
EditMyAccount Button
StateColumn TableColumn<Account, String>
BalanceColumn TableColumn<Account, Double>
somethingNotSeletedMessage Label
FirstNameColumn TableColumn<Account, String>
previewButtonEmp Button
test HelloApplication
titleColumnEmp TableColumn<Report, String>
NotificationTextArea TextArea
NameText Text
reportsTableEmp TableView<Report>
SearchTextField TextField
UsernameColumn TableColumn<Account, String>
senderColumnEmp TableColumn<Report, String>
CreateButton Button
LogoutButton Button
TelephoneNumberColumn TableColumn<Account, String>
ReportSubjectTextField TextField
SendReportButton Button
EditButton Button
NotificationTitleTextField TextField
IDColumn TableColumn<Account, String>
report_or_subject_empty_message Label
LastNameColumn TableColumn<Account, String>
numberOfUnreadReportsEmp Text
DeleteBtn Button
GoToEditEmployeeScene () void
getUnread() int
updateList() void
ReturntoLoginScene (MouseEvent) void
previewReportEmp (MouseEvent) void
sendReport (MouseEvent) void
SendNotification (MouseEvent) void
BeginSearch (MouseEvent) void
initialize (URL, ResourceBundle) void
GoToEditScene () void
RemoveSelectedItem (MouseEvent) void
deleteReportEmp (MouseEvent) void
EditClientView
EditClientView ()
pane AnchorPane
lastname TextField
apply Button
cancel Button
number TextField
firstname TextField
ReturnBackToo(MouseEvent) void
initialize (URL, ResourceBundle) void
SaveChanges(MouseEvent) void
LoginPageController
LoginPageController()
password PasswordField
asClient RadioButton
login Button
a ToggleGroup
output Label
username TextField
asEmployee RadioButton
LoginAs(MouseEvent) void
loginAsClient () void
loginAsEmployee() void
EditEmpView
EditEmpView()
position TextField
Apply Button
FirstName TextField
pane AnchorPane
LastName TextField
address TextField
Cancel Button
SaveChanges(MouseEvent) void
initialize (URL, ResourceBundle) void
ReturnBackTo(MouseEvent) void
ReadReportPage
ReadReportPage()
whoIssued Label
reportDisplayArea TextArea
whenIssued Label
backToAdminPage Button
replyButton Button
initialize (URL, ResourceBundle) void
backToAdminPage(MouseEvent) void
toReplyPage(MouseEvent) void
EditClientEmpView
EditClientEmpView ()
pane AnchorPane
FirstNameC TextField
password TextField
ID TextField
LastNameC TextField
Apply Button
Cancel Button
phoneC TextField
accountstate TextField
username TextField
acctype TextField
initialize (URL, ResourceBundle) void
SaveChanges(MouseEvent) void
ReturnBackTo(MouseEvent) void
ReplyPageController
ReplyPageController()
replyError Label
replySubjectTextField TextField
sendReplyButton Button
backButton Button
replyTextArea TextArea
replyingToWhomLabel Label
initialize (URL, ResourceBundle) void
sendReply(MouseEvent) void
backToMainPage(MouseEvent) void
AdminViewPagaController
AdminViewPagaController()
DeleteButton1 Button
FirstNameEmployee TableColumn<Employee, String>
senderColumn TableColumn<Report, String>
salaryEmployee TableColumn<Employee, Float>
FirstNameColumn TableColumn<Account, String>
TelephoneNumberColumn TableColumn<Account, String>
TypeColumn TableColumn<Account, String>
refreshButton Button
LastNameColumn TableColumn<Account, String>
ReportSubjectTextFieldAdmin TextField
StateColumn TableColumn<Account, String>
SendReportButtonAdmin Button
adminLogoutButton Button
to_TextFieldAdmin TextField
UsernameColumn TableColumn<Account, String>
AccountNumberColumn TableColumn<Account, Integer>
LastNameEmployee TableColumn<Employee, String>
BalanceColumn TableColumn<Account, Double>
employeeTable TableView<Employee>
addressEmployee TableColumn<Employee, String>
SearchButton1 Button
SearchTextField1 TextField
reportsTable TableView<Reports>
ReportTextAreaAdmin TextArea
DeleteButton Button
report_or_subject_empty_messageAdmin Label
ClientsTable TableView<Accounts>
colorEmp TableColumn<Account, String>
readStatusColumn TableColumn<Report, String>
EditButton Button
SearchTextField TextField
EmployeeID TableColumn<Employee, String>
TelephoneNumberEmployee TableColumn<Employee, String>
totalGradeEmployee TableColumn<Employee, Float>
numberOfUnreadReports Text
SearchButton Button
EditButton1 Button
collegeGradeEmployee TableColumn<Employee, String>
gradeYearEmployee TableColumn<Employee, Integer>
deleteReport Button
previewButton Button
positionEmployee TableColumn<Employee, String>
titleColumn TableColumn<Report, String>
BeginSearch(MouseEvent) void
GoToEditScene (MouseEvent) void
previewReport (MouseEvent) void
RemoveSelectedItem (MouseEvent) void
sendReportAdmin (MouseEvent) void
returnToLoginScene (MouseEvent) void
initialize (URL, ResourceBundle) void
deleteReport (MouseEvent) void
BeginSearchEmployee(MouseEvent) void
getUnread () int
«create»