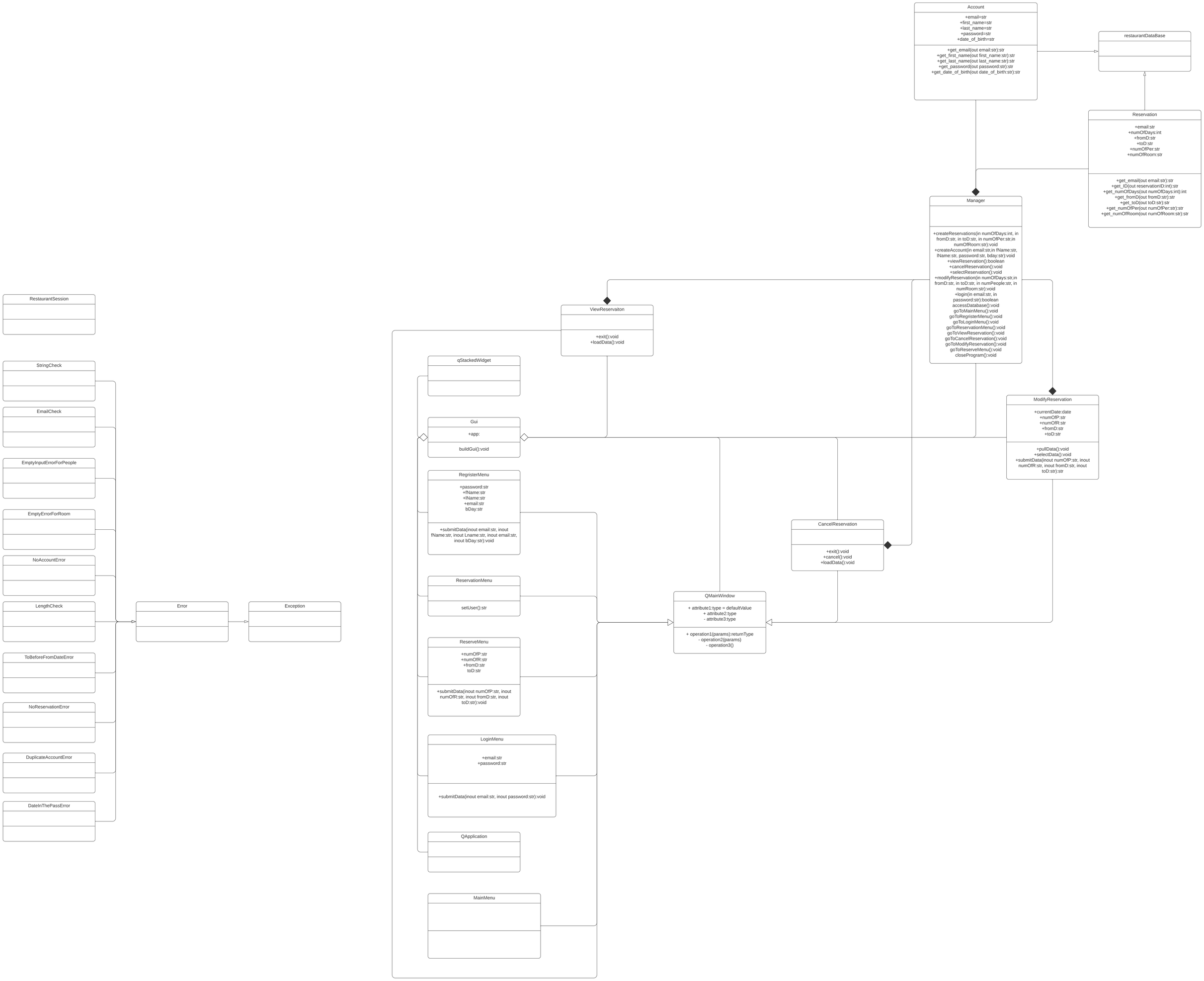
Account
+email=str
+first_name=str
+last_name=str
+password=str
+date_of_birth=str
+get_email(out email:str):str
+get_first_name(out first_name:str):str
+get_last_name(out last_name:str):str
+get_password(out password:str):str
+get_date_of_birth(out date_of_birth:str):str
restaurantDataBase
Reservation
+email:str
+numOfDays:int
+fromD:str
+toD:str
+numOfPer:str
+numOfRoom:str
+get_email(out email:str):str
+get_ID(out reservationID:int):str
+get_numOfDays(out numOfDays:int):int
+get_fromD(out fromD:str):str
+get_toD(out toD:str):str
+get_numOfPer(out numOfPer:str):str
+get_numOfRoom(out numOfRoom:str):str
Manager
+createReservations(in numOfDays:int, in fromD:str, in toD:str, in numOfPer:str,in numOfRoom:str):void
+createAccount(in email:str,in fName:str, lName:str, password:str, bday:str):void
+viewReservation():boolean
+cancelReservation():void
+selectReservation():void
+modifyReservation(in numOfDays:str,in fromD:str, in toD:str, in numPeople:str, in numRoom:str):void
+login(in email:str, in password:str):boolean
accessDatabase():void
goToMainMenu():void
goToRegristerMenu():void
goToLoginMenu():void
goToReservationMenu():void
goToViewReservation():void
goToCancelReservation():void
goToModifyReservation():void
goToReserveMenu():void
closeProgram():void
RestaurantSession
StringCheck
EmailCheck
EmptyInputErrorForPeople
EmptyErrorForRoom
NoAccountError
LengthCheck
ToBeforeFromDateError
NoReservationError
DuplicateAccountError
DateInThePassError
Error
Exception
ViewReservaiton
+exit():void
+loadData():void
qStackedWidget
Gui
+app:
buildGui():void
RegristerMenu
+password:str
+fName:str
+lName:str
+email:str
bDay:str
+submitData(inout email:str, inout fName:str, inout Lname:str, inout email:str, inout bDay:str):void
ReservationMenu
setUser():str
ReserveMenu
+numOfP:str
+numOfR:str
+fromD:str
toD:str
+submitData(inout numOfP:str, inout numOfR:str, inout fromD:str, inout toD:str):void
LoginMenu
+email:str
+password:str
+submitData(inout email:str, inout password:str):void
QApplication
MainMenu
ModifyReservation
+currentDate:date
+numOfP:str
+numOfR:str
+fromD:str
+toD:str
+pullData():void
+selectData():void
+submitData(inout numOfP:str, inout numOfR:str, inout fromD:str, inout toD:str):str
CancelReservation
+exit():void
+cancel():void
+loadData():void
QMainWindow
+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type
+ operation1(params):returnType
- operation2(params)
- operation3()