Class Diagram

Database

+ con: Connection

+ pst: PreparedStatement

+ rs: ResultSet

+ main(): void

+ getConnection(): boolean

+ getData(String): PreparedStatement+ insertData(): PreparedStatement

+ deleteData(String): PreparedStatement

+ updateData(): PreparedStatement

MainPage

- frame: JFrame

- userField: JTextField

- passwordField: JPasswordField

<<constrctor>> MainPage(): void

+ main (String[]): void

- initialize(): void

StaffPage

+ con: Connection

+ pst: PreparedStatement

+ rs: ResultSet - frame: JFrame

firstName: JTextField
middleName: JTextField
lastName: JTextField
dateBirth: JTextField
phoneNum: JTextField
emailAdd: JTextField

checkIN: JTextFieldcheckOUT: JTextField

- deleteID: JTextField

- ED_FN: JTextField- ED_MN: JTextField

- ED_LN: JTextField

- ED_DOB: JTextField

- ED_PN: JTextField

- ED_E: JTextField

- ED_CIN: JTextField

- ED_COUT: JTextField

- ED_NA: JTextField

- ED_NC: JTextField

- SearchID: JTextField

-DE_roomType: JTextField

<<constructor>>StaffPage()

+ mainStaffPage(): void

- initialize(): void

GuestPage

+ con: Connection

+ pst: PreparedStatement

+ rs: ResultSet
- frame: JFrame
- G ID: JTextField

<<constructor>> GuestPage()

+ mainGuestPage(): void

- initialize(): void

DateCalulation <<constructor>> GuestPage() + main(String[]): void +date(String, String): float