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: JTextFieldmiddleName: JTextField

- lastName: JTextField

- dateBirth: JTextField

- phoneNum: JTextField

- emailAdd: JTextField

- checkIN: JTextField

- checkOUT: 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