# **Class Diagram**

#### **Database**

+ con: Connection

+ pst: PreparedStatement

+ rs: ResultSet

+ main(): void

+ getConnection(): boolean

+ getData(String): PreparedStatement

+ insertData(): PreparedStatement

 $+\ delete Data (String):\ Prepared Statement$ 

+ 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: IFrame
- firstName: JTextFieldmiddleName: JTextFieldlastName: 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

### DateCalulation

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

#### GuestPage

- + con: Connection
- + pst: PreparedStatement
- + rs: ResultSet
  frame: JFrame
  G\_ID: JTextField
- <<constructor>> GuestPage()
- + mainGuestPage(): void
- initialize(): void