The Ansen Hotel

**Class Diagram**

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| **Database** |
| + con: Connection  + pst: PreparedStatement  + rs: ResultSet |
| + main(): void  + getConnection(): boolean  + getData(String): PreparedStatement  + insertData(): PreparedStatement  + deleteData(String): PreparedStatement  + updateData(): PreparedStatement |

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| MainPage |
| - frame: JFrame  - userField: JTextField  - passwordField: JPasswordField |
| <<constrctor>> MainPage(): void  + main (String[]): void  - initialize(): void |

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| StaffPage |
| + con: Connection  + pst: PreparedStatement  + rs: ResultSet  - frame: JFrame  - firstName: JTextField  - middleName: 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 |

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

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