**CHAPTER 3**

**BACK END DESIGN**

**Table 2.1: LOGIN**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **NULL?** | **TYPE** | **DESCRIPTION** |
| Id | Not null | Integer | Id |
| Password |  | Varchar | Password |

**Table 2.2: TABLE PAYMENT**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **NULL?** | **TYPE** | **DESCRIPTION** |
| Payment\_date |  | Varchar | When they pay |
| Currency |  | Varchar | Currency |
| Payment\_type |  | Varchar | Type of the payment |
| Total\_ amount |  | Bigint | Total amount |

**Table 2.3: TABLE ROOM**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **NULL?** | **TYPE** | **DESCRIPTION** |
| Room\_type |  | Varchar | Type of the room |
| Bed\_type |  | Varchar | Type of the bed |
| Price |  | Varchar | Amount |
| Smoking |  | Varchar | Is allowed or not |
| Room\_lock |  | Varchar | Kind of lock |

**Table 2.3: TABLE TRIGGER**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **NULL?** | **TYPE** | **DESCRPTION** |
| F\_name |  | Varchar | First name |
| L\_name |  | Varchar | Last name |

**Table 2.4: TABLE USER**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **NULL?** | **TYPE** | **DESCRIPTION** |
| First\_name |  | Varchar | Fname of the user |
| Last\_name |  | Varchar | Last name of the user |
| Check\_in |  | Date | Date of checking |
| Check\_out |  | Date |  |
| No\_of\_adults |  | Varchar | No of adults |
| No\_of\_children |  | Varchar | No of children |
| No\_of\_rooms |  | Varchar | No of rooms |
| No\_of\_days |  | Varchar | No of days |
| Room\_type |  | Varchar | Type of the room |
| Contact |  | Varchar | Contact no |
| Gender |  | Varchar | Gender |