**ADMIN**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Type** | **Length** | **Constraints** |
| Admin Name | Varchar | 30 |  |
| User Id | Varchar | 50 | Primary Key, unique |
| Password | Varchar | 10 | Not null |

**USER**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Type** | **Length** | **Constraints** |
| User Name | Varchar | 30 |  |
| User Id | Varchar | 50 | Primary key, unique |
| Password | Varchar | 10 | Not null |
| Phone No | Int | 10 | Not null |

**FLOOR**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Type** | **Length** | **Constraints** |
| Floor No. | Int | 2 | Primary key |
| No. of Slots | Int | 3 |  |
| No. of Slots booked | Int | 3 |  |
|  |  |  |  |
| Size of Slots | Varchar | 25 |  |
| Base Price(one hour) | Int | 2 | Not null |

**BOOKING**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Type** | **Length** | **Constraints** |
| User Id | Varchar | 50 | Foreign Key, unique |
| Car-No | Varchar | 10 | Primary Key, unique |
| Floor No | Int | 2 | Not null |
| Slot No | Int | 3 | Not null |
| Date | Date | 11 |  |
| Time | Time | 8 |  |
| Entry Time | Time | 8 |  |
| Exit time | Time | 8 |  |
| Penalty time | Int | 2 |  |
| Extension Given | Int | 1 |  |
| Token No | Int | 5 | Unique |
| Price | Int | 5 | Not null |
| Fine | Int | 5 |  |

**WORKING DATABASE(for on spot slot allotment)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Type** | **Length** | **Constraints** |
| Car-No | Varchar | 11 | Primary Key |
| Slot-no | Int | 3 | Not null |
| Entry Time | Time | 8 |  |
| Exit time | Time | 8 |  |
| Penalty time | Int | 2 |  |
| Extension Given | Int | 1 |  |
| Token No | Int | 5 | Unique |
| Price | Int | 5 | Not null |
| Fine | Int | 5 |  |

**TIME TABLE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attributes** | **Type** | **Length** | **Constraints** |
| Entry Time Allowance | Int | 2 | constant |
| Time Extension | Int | 1 | <4 hrs |
| Maximum Time(E) | Int | 1 | constant |
| Maximum Time(M) | Int | 1 | constant |