**DATA DICTIONARY**

**CUSTOMER**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Description** | **Link to** |
| CID | Auto increment | Not null | Primary key |  |
| FName | Varchar(20) | Not null |  |  |
| LName | Varchar(20) | Not null |  |  |
| CMail | Varchar(40) | Not null |  |  |
| CAddress | Varchar(45) | Not null |  |  |
| JobTitle | Varchar(10) | Not null |  |  |
| CNumber | Decimal(10,0) | Not null | Multivalued |  |

**ADMIN**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Description** | **Link to** |
| AID | Auto increment | Not null | Primary key |  |
| AName | Varchar(45) | Not null |  |  |
| Password | Varchar(20) | Not null |  |  |
| AMail | Varchar(40) | Not null |  |  |
| CID | Int |  | Foreign key | CUSTOMER |
| PID | Int |  | Foreign key | PAYMENT |
| WID | Int |  | Foreign key | LIST OF WORKERS |

**BOOKING 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Description** | **Link to** |
| B1ID | Auto increment | Not null | Primary key |  |
| CID | Int | Not null | Foreign key | CUSTOMER |
| RID | Int | Not null | Foreign key | ROOMS |
| FromDate | Date | Not null |  |  |
| ToDate | Date | Not null |  |  |
| Members | Int | Not null |  |  |
| NoOfRooms | Int | Not null |  |  |
| B1Price | Decimal(10,2) | Not null |  |  |

**BOOKING 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Description** | **Link to** |
| B2ID | Auto increment | Not null | Primary key |  |
| CID | Int | Not null | Foreign key | CUSTOMER |
| SID | Int |  | Foreign key | SPA |
| BHID | Int |  | Foreign key | BANQUET HALL |
| FromDate | Date | Not null |  |  |
| ToDate | Date | Not null |  |  |
| FromTime | Time | Not null |  |  |
| ToTime | Time | Not null |  |  |
| B2Price | Decimal(10,2) | Not null |  |  |

**LIST OF WORKERS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Description** | **Link to** |
| WID | Auto increment | Not null | Primary key |  |
| WName | Varchar(30) | Not null |  |  |
| WAddress | Varchar(40) | Not null |  |  |
| WMail | Varchar(40) | Not null |  |  |
| WSalary | Decimal | Not null |  |  |
| WDesignation | Varchar(20) | Not null |  |  |

**ROOM TYPE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Description** | **Link to** |
| RoomTypeID | Char | Not null | Primary key |  |
| RoomType | Varchar(10) | Not null |  |  |
| RPrice | Decimal | Not null |  |  |

**ROOMS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Description** | **Link to** |
| RID | Auto increment | Not null | Primary key |  |
| RoomTypeID | Char | Not null | Foreign key | ROOM TYPE |
| RoomNumber | Int | Not null |  |  |
| Status | Tiny Int(1) | Not null |  |  |

**BH CATEGORY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Description** | **Link to** |
| BHCategoryID | Char | Not null | Primary key |  |
| BHCategory | varchar(20) | Not null |  |  |
| BHPrice | Decimal(10,2) | Not null |  |  |

**BANQUET HALL**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Description** | **Link to** |
| BHID | Auto increment | Not null | Primary key |  |
| BHCategoryID | Char | Not null | Foreign Key | BH CATEGORY |
| Status | TinyInt(1) | Not null |  |  |

**SPA TYPE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Description** | **Link to** |
| SpaTypeID | Char | Not null | Primary key |  |
| SpaType | Varchar(10) | Not null |  |  |
| SPrice | Decimal(10,2) | Not null |  |  |

**SPA**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Description** | **Link to** |
| SID | Auto increment | Not null | Primary key |  |
| SpaTypeID | Char | Not null | Foreign key | SPA TYPE |
| Status | Tiny Int(1) | Not null |  |  |

**PAYMENT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Description** | **Link to** |
| PID | Auto increment | Not null | Primary key |  |
| CID | Int | Not null | Foreign key | CUSTOMER |
| B1ID | Int |  | Foreign key | BOOKING 1 |
| B2ID | Int |  | Foreign key | BOOKING 2 |
| PDate | Date | Not null |  |  |
| PType | Varchar(10) | Not null |  |  |
| PStatus | Tiny Int(1) | Not null |  |  |
| FinalBill | Decimal(10,2) | Not null |  |  |