**City World Shopping Mall: Database Design**

**1.Table Name : AdminLogin**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Column Name** | **Datatype** | **Constraints** | **Description** |
| 1 | Id | int | PK | unique |
| 2 | UserName | varchar(50) | NotNull |  |
| 3 | Password | varchar(50) | NotNull |  |
| 5 | Status | Char(1) |  | A=Active,B=Blocked,D=Deleted |

**2. Table Name : ShopRegistration**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Column Name** | **Datatype** | **Constraints** | **Description** |
| 1 | Id | int | PK | unique |
| 2 | RegistrationCode | varchar(10) | NotNull | Eg: SHP2258 |
| 3 | ShopThumb | varchar(50) | NotNull | Image Thumbnail |
| 4 | Name | varchar(30) | NotNull |  |
| 5 | shopImage | varchar(100) | NotNull | Shop Image Path |
| 6 | Location | varchar(100) | Not Null |  |
| 7 | Phone | varchar(50) | Not Null |  |
| 8 | Email | varchar(50) | Not Null |  |
| 9 | Website | varchar(50) | Not Null |  |
| 10 | category\_id | int | FK | FK from category |
| 11 | Status | Char(1) |  | A=Active,B=Blocked,D=Deleted |

**3.Table Name : ShopLogin**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Column Name** | **Datatype** | **Constraints** | **Description** |
| 1 | Id | int | PK | unique |
| 2 | UserName | varchar(50) | NotNull |  |
| 3 | Password | varchar(50) | NotNull |  |
| 4 | RegisterId | int | FK | fk from ShopRegistration |
| 5 | Status | Char(1) |  | A=Active,B=Blocked,D=Deleted |

**4.Table Name: Category**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Column Name** | **Datatype** | **Constraints** | **Description** |
| 1 | Id | int | PK | unique |
| 2 | Name | varchar(60) | Not Null | eg: Textile Shop,bakery,etc… |
| 3 | Description | varchar(100) | Not Null |  |
| 4 | Status | char(1) |  | A=Active,B=Blocked,  D=Deleted |

**5.Table Name: Products**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Column Name** | **Datatype** | **Constraints** | **Description** |
| 1 | Id | int | PK | unique |
| 2 | Name | varchar(100) | NotNull |  |
| 3 | category\_id | int | FK | Fk from category |
| 4 | Status | char(1) |  | A=Active,B=Blocked,  D=Deleted |

**6.Table Name: ShopProducts**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Column Name** | **Datatype** | **Constraints** | **Description** |
| 1 | Id | int | PK | unique |
| 2 | ProductId | int | FK | FK from shop products |
| 3 | ShopId | int | FK | Fk from shop |
| 4 | Status | char(1) |  | A=Active,B=Blocked,  D=Deleted |

**7.Table Name : Offers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Column Name** | **Datatype** | **Constraints** | **Description** |
| 1 | Id | int | PK | unique |
| 2. | Title | varchar(80) | Not Null |  |
| 3. | Description | varchar(100) | NotNull |  |
| 4. | date\_From | varchar(50) | Not Null |  |
| 5. | date\_To | varchar(50) | Not Null |  |
| 6. | shop\_id | int | Fk | FK from shop registration |
| 7. | Status | char(1) |  | A=Active,B=Blocked,D=Deleted |

**8.Table Name: OfferImages**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Column Name** | **Datatype** | **Constraints** | **Description** |
| 1 | Id | int | PK | unique |
| 2 | Offer\_Id | int | FK | FK from Offers |
| 3 | Image | varchar(100) | Not Null | Offer Image Path |
| 4 | Status | char(1) |  | A=Active,B=Blocked,  D=Deleted |

**9.Table Name: User registration**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Column Name** | **Datatype** | **Constraints** | **Description** |
| 1 | Id | int | PK | unique |
| 2 | Profile Image | varchar(100) | not Null | Image Path |
| 3 | FirstName | Varchar(50) | Not null |  |
| 4 | Last Name | varchar(50) | Not Null |  |
| 5 | Address | varchar(200) | Not Null |  |
| 6 | PhoneNumber | varchar(50) | Not Null |  |
| 7 | E\_mail | varchar(50) | Not Null |  |
| 8 | Date\_On | varchar(50) | Not Null |  |
| 9 | username | varchar(50) | Not Null |  |
| 10 | Password | varchar(50) | Not Null |  |
| 11 | Status | char(1) |  | A=Active,B=Blocked,  D=Deleted |

**10.Table Name : Like or Hit Offers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Column Name** | **Datatype** | **Constraints** | **Description** |
| 1 | Id | int | PK |  |
| 2 | user\_id | int | FK | fk from user registration |
| 3 | offer\_id | int | FK | FK from offer |
| 6 | Status | char(1) |  | A=Active,B=Blocked,  D=Deleted |

**11.Table Name: Shop Wish List**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Column Name** | **Datatype** | **Constraints** | **Description** |
| 1 | Id | int | PK |  |
| 2 | user\_id | int | FK | FK from user registration |
| 3 | shop\_id | int | FK | FK from shopregistration |
| 4 | Status | char(1) |  | A=Active,B=Blocked,  D=Deleted |

**12.Table Name: purchase**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Column Name** | **Datatype** | **Constraints** | **Description** |
| 1 | Id | int | PK |  |
| 2 | user\_id | int | FK | FK from user registration |
| 3 | shop\_id | int | FK | FK from shop |
| 4 | product\_id | int | FK | FK from product |
| 5 | price | int | Not Null |  |
| 6 | Date | varchar(50) | Not Null |  |
| 7 | Status | char(1) |  | A=Active,B=Blocked,D=Delete |