**Tables Required For Ecommerce**

**User and Admin Uses**

|  |  |
| --- | --- |
| Admin | User |
| Login | Register |
| Manage User | Login |
| Manage Product | View Product |
| Manage Orders | Search Product |
| Manage Categories | Add Order |
| Manage Payment | Add Product to cart |
|  | Make Payment |
|  | Track Order |
|  | Review Product |
|  | Return Product |

**Database Tables**

**Admin Table:**

|  |  |  |
| --- | --- | --- |
| **Field** | **Datatype** | **Constrains** |
| Id | Int | PK |
| Username | Varchar(20) |  |
| Password | Varchar(20) |  |

**User Table:**

|  |  |  |
| --- | --- | --- |
| **Field** | **Datatype** | **Constrains** |
| Uid | Int | PK |
| Firstname | Varchar(10) |  |
| Lastname | Varchar(10) |  |
| Email | Varchar(20) |  |
| Password | Varchar(20) |  |
| Mobile | Varchar(10) |  |
| Gender | Varchar(10) |  |
| Address | Varchar(100) |  |
| DOB | Date |  |

**Product Category Table:**

|  |  |  |
| --- | --- | --- |
| **Field** | **Datatype** | **Constrains** |
| Cid | Int | PK |
| Catname | Varchar(10) |  |

**Product Table:**

|  |  |  |
| --- | --- | --- |
| **Field** | **Datatype** | **Constrains** |
| Pid | Int | PK |
| Pname | Varchar(20) |  |
| Price | Double |  |
| Qty | Int |  |
| Details | Varchar(100) |  |
| Cid | Int | FK - Category |

**Cart Table**

|  |  |  |
| --- | --- | --- |
| **Field** | **Datatype** | **Constrains** |
| Id | Int | PK |
| Pid | Int | FK – Product |
| Uid | Int | FK - User |
| Qty | Int |  |

**Payment Table :**

|  |  |  |
| --- | --- | --- |
| **Field** | **Datatype** | **Constrains** |
| Pid | Int | PK |
| Ptype | Varchar(20) |  |

**Order Table :**

|  |  |  |
| --- | --- | --- |
| **Field** | **Datatype** | **Constrains** |
| Oid | Int | PK |
| Uid | Int | FK - User |
| Product | Varchar(20) |  |
| Qty | Varchar(20) |  |
| Total | Double |  |
| Ptype | Int | FK - Payment |
| Date | Date |  |

**Review Table :**

|  |  |  |
| --- | --- | --- |
| **Field** | **Datatype** | **Constrains** |
| Rid | Int | PK |
| Pid | Int | FK – Product |
| Uid | Int | FK - User |
| Review | Varchar(100) |  |
| Rating | Int |  |