**ONLINE TRAIN TICKET BOOKING SYSTEM**

**TABLE DESIGN**

**1.User Table:**

|  |  |
| --- | --- |
| **Field Name** | **Data Type** |
| passenger\_id | Int,Primary Key |
| name | Varchar |
| email | Varchar |
| phone\_number | Varchar |

**2.Train Table:**

|  |  |
| --- | --- |
| **Field Name** | **Data Type** |
| train\_id | Int, Primary key |
| name | Varchar |
| source | Varchar |
| destination | Varchar |

1. **Ticket Table:**

|  |  |
| --- | --- |
| **Field Name** | **Data Type** |
| ticket\_id | Int,Primary key |
| passenger\_id | Int, Foreign key |
| train\_id | Int, Foreign key |
| seat\_number | Varchar |
| status | Varchar |

**4.Payment Table:**

|  |  |
| --- | --- |
| **Field Name** | **Data Type** |
| payment\_id | Int, Primary key |
| ticket\_id | Int, Foreign key |
| amount | Decimal(10,2) |
| payment\_status | Varchar |
| payment\_method | Varchar |

**5.Booking Table:**

|  |  |
| --- | --- |
| **Field Name** | **Data Type** |
| booking\_id | Int, Primary key |
| passenger\_id | Int Foreign key |
| ticket\_id | Int Foreign key |
| status | Varchar |

**6.Seat Table:**

|  |  |
| --- | --- |
| **Field Name** | **Data Type** |
| seat\_number | Varchar, Primary key |
| train\_id | Int, Foreign key |
| is\_booked | Boolean |
| is\_reserved | Boolean |

1. **Schedule Table:**

|  |  |
| --- | --- |
| **Field Name** | **Data Type** |
| schedule\_id | Int, Primary key |
| train\_id | Int, Foreign key |
| departure\_time | Datetime |
| arrival\_time | Datetime |

1. **Admin Table:**

|  |  |
| --- | --- |
| **Field Name** | **Data Type** |
| admin\_id | Int, Primary key |
| username | Varchar |
| password | Varchar |