system

Admin

passenger

s

**Use case diagram for Online Railway Booking**

**Table for Use case Diagram**

|  |  |  |
| --- | --- | --- |
| Use case | Actors | Description |
| User id & password | passenger | Enter user id  Enter password |
| Train details | Passenger, admin | 1. Train Number 2. From address to address 3. Date |
| Make a reservation | Passenger | 1. Conform Date 2. Conform Train |
| Payment | Passenger | Pay the amount to G-pay or UPI |
| Verify payment | Admin | Checking the payment is successfully transformed or not |
| Update reservation | Admin | Give the reservation details |
| Booking cancel | Passenger, Admin | 1. Payment does not transfer successfully or 2. No drain available |

**Use case Example**

**1. Introduction**

These use case outlines the steps that need to be followed in order to Login to the system.

**2. Actors**

* Passenger
* System
* Admin

**3. Pre-condition**

The user/actor must be have the credentials

**4. Scenerio**

|  |  |  |
| --- | --- | --- |
|  | Passenger(Action) | Software(Reaction) |
| 1 | Passenger indicates that they are booking Railway Reservation tickets. | System requires the following data from the user   * IRTC code * Train * Date * From which place to place * coach |
| 2 | The passenger fills out data | The system verifies that the passenger have been filled out data.  If the passenger did not give any one of the data, then it will also continue with Software Reaction #1  If all data has entered then the system update reservation.  IF the passenger wants to cancel the reservation then the scenario stop here. |
| 3 | Passenger confirm their reservation | If The Passenger confirm their data then the system asks the Passenger to pay for their Reservation. |

**4. Post-condition**

If use case is successfully executed, the user/actor should be entered into the the system, otherwise the state remains unchanged.

**5. Basic flow**

* Valid credential
* The page will request the user/actor to provide valid User id & Password
* User/actor enter the credentials
* User/actor enter into the system.

**6. Alternative flow**

* Invalid credential
* If user/actor provides invalid credentials, the error message should appear.

**7. Special Requirements:**

None

**8. Associated use case**

None

**Use case 001 Booking Railway Tickets**

**Overview:**

This scenario describes the passenger Booking Railway Tickets.

**Actors:**

Passenger wants to book the Railway Tickets.