Model1::UseCaseDiagram1

**USECASE DIAGRAM FOR AIRLINE-RAILWAY RESERVATION SYSTEM**

**request for seat avalability**

**print report**

**Makw Reservation**

**Cancellation**

**check status**

Text

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**Passenger**

**System**

Model2::ClassDiagram1

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|  |
| --- |
| **passengerInfo** |
| +passId: integer  +passName: string  +age: integer  +sex: string  +address: string  +phoneNo.: integer  +email\_id: string |
| +addPassenger()  +updatePassenger()  +delPassenger() |

|  |
| --- |
| **ticketReservation** |
| +passId: integer  +trainId: integer  +sources\_tn: string  +dess\_tn: string  +class: string  +profile\_id: integer  +profile\_name: string  +date: Date  +no\_of\_seat reserved: integer  +fare: Double  +PNR: integer  +reser\_id: integer |
| +reserveTicket()  +cancelTicket() |

|  |
| --- |
| **seatAvailStatus** |
| +trainId: integer  +journeyDate: Date  +availSeat: integer  +class: String |
| +updateStatus() |

CLASS DIAGRAM FOR AIRLINE-RAILWAY RESERVATION SYSTEM

|  |
| --- |
| **trainInfo** |
| +trainId: Iinteger  +trainname: string  +sources\_tn: string  +dess\_tn: string  +depat time: time  +arrival time: time  +trainType: string  +distance: integer  +speed: string  +fare: Double  +no\_of\_seats: integer |
| +addTrainInfo()  +updateTrainInfo()  +deleteTrainInfo() |

Collaboration1::Interaction1::SequenceDiagram1



**sd** SequenceDiagram1

**Applicant**

**Airline Database**

1 : login

2 : login verification

3 : display form

4 : filling form

5 : selecting flight

6 : booking ticket

7 : verifying ticket

8 : display ticket info

9 : isssue ticket acknowledgement

SEQUENCE DIAGRAM FOR AIRLINE-RAILWAY RESERVATION SYSTEM

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# Activity1::ActivityDiagram1

ACTIVITY DIAGRAM FOR AIRLINE-RAILWAY RESERVATION SYSTEM

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**Login 1**

**Fill Details**

**Select Flight**

**Booking Ticket**

**Search Flight**

**Cancelling**

Model3::ComponentDiagram1

COMPONENT DIAGRAM FOR AIRLINE-RAILWAY RESERVATION SYSTEM

**E -Ticketing**

**Login**

**Filling Details**

**Selecting flight**

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## Model4::DeploymentDiagram1

DEPLOYMENT DIAGRAM FOR AIRLINE-RAILWAY RESERVATION SYSTEM

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**Selecting Flight**

**Filling Details**

**Login**

**E-ticketing**

StateMachine1::StatechartDiagram1

STATECHART DIAGRAM FOR AIRLINE-RAILWAY RESERVATION SYSTEM

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**Login**

**Filling Details**

**Selecting Flight**

**Book Flight**

**Search**

**Cancel**

Model5::PackageDiagram1

PACKAGE DIAGRAM FOR AIRLINE-RAILWAY RESERVATION SYSTEM

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**User**

**Website**

**Functionality**

+Access

+Has

**Home**

**Register**

+Access

**Database**

**XAMPP Server**

**PHP**

**MySQL**

**Book Ticket**

**Visitor**

**PNR Status**

**History**

**Cancel Ticket**

**Admin**

**Book Ticket**

**PNR Status**

**Index**

**Registered User**