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**Lab6:** Railway Reservation SRS document.

Railway Reservation System describes the structure of a railway reservation system classes,their attributes,operations and the relationship among ojects.The main classes of the Railway Reservation System are Train,Ticket,Booking,Customer,Payment,Train Route.

Classes with attributes and functions are as follows:

Train : Manage all the operations of Train

* Train\_id,train\_name,train\_number,train\_seat\_number,train\_ticket,train\_type,train\_description
* Addtrain,edittrain,deletetrain,updatetrain,savetrain,searchtrain

ticket: Manage all the operations of Ticketing

* Ticket\_id,ticket\_customer\_id,ticket\_type,ticket\_date, ticket\_description
* Addticket,editticket,deleteticket,updateticket,saveticket,searchticket

booking: Manage all the operations of booking

* bookingid,booking\_title,booking\_type,booking\_ticket,booking\_date, booking\_description
* addbooking,editbooking,deletebooking,updatebooking,savebooking, searchbooking

customer: Manage all the operations of customer

* customer\_id,customer\_name,customer\_mobile,customer\_email,customer\_username,customer\_password,customer\_address
* addcustomer,editcustomer,deletedcustomer,updatecustomer, savecustomer, searchcustomers

payment: Manage all the operations of Payment

* payment\_id,payment\_customer\_id,payment\_date,payment\_amount, payment\_description
* addbooking,editbooking,deletebooking,updatebooking,savebooking, searchbooking

Train Route: Manage all the operations of Train Route

* Train\_route\_id,train\_route\_name,train\_route\_type, train\_route\_description
* addbooking,editbooking,deletebooking,updatebooking,savebooking, searchbooking