Travel Agency Report

Application Engineering & Design

Travel agency UML and its scope of advancement to Car rental and hotel services

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Objective:-

Uml of Travel agency report and its expansion

Scope of extending model to cab services or hotel Services

Abstract:-

Current model travel agency is mainly classified in two parts customer and airline where travel agency act as a middle man between the two classes.

In customer user can add data of customers and tickets can be booked by them

In airline contains info about planes airline there travel plan there flight schedule etc.

Now travel agency act as a middle man btw airline and customer here we can book ticket as well as see flight schedule we have tried to bring most of our functionality to travel agency.

Future Scope: -

Further Project can be enhanced when customer book ticket they can be asked if they wanted to book any other services provided by the agency such as

1.   Hotels
2.   Cabs

The list of cab services or hotel services can be loaded and customer can select from it or the customer will simply have option to decline the popup, if customer selected any of the button he will be sent too hotel booking panel or cab booking panel.

UML Diagram

MasterTravelScheduler

-airlinerDirectory
-customerDirectory

+getAirlinerDirectory()
+getCustomerDirectory()

CustomerDirectory

-customerDirectory : ArrayList<Customer>

+setCustomerDirectory()

AirlinerDirectory

-airlinerDirectory : ArrayList<Airliner>

+setAirlinerDirectory()

Airliner

-AirlinerName : String
-AirplaneType : String
-NumberOfSeats : int
-AirplaneModelNumber : String

+setAirlinerName()
+setAirplaneType()
+setnumberOfSeats()
+setAirplaneModelNumber()

Customer

-customername : String
-lastname : String
-Phoneno : String
-email : String
.password : String
-DateOfBirth : String

+setcustomername()
+setLastName()
+setPhoneNo()
+setEmail()
+setPassword()
+setDob()

Flight

-Source : String
-Destination : String
-DepartureDate : String
-ArrivalDate : String
-DepartureTime : String
-ArrivalTime : String
-Price : String
-FlightNumber : String
-FlightScheduleDirectory :ArrayList<Flight>

+setSource()
+setDestination()
+setDepartureDate()
+setFlightNumber()
+setPrice()
+setDepartureTime()

SeatAssignment

+seat : int
-customerDirectory : ArrayList<Customer>

+setSeat(
+getCustomerDirectory

FlightScheduleDirectory

-FlightScheduleDirectory : ArrayList<Flight>
-AirlinerDirectory : ArrayList<Airliner>

+setFlightScheduleDirectory()
+setAirlinerDirectory()