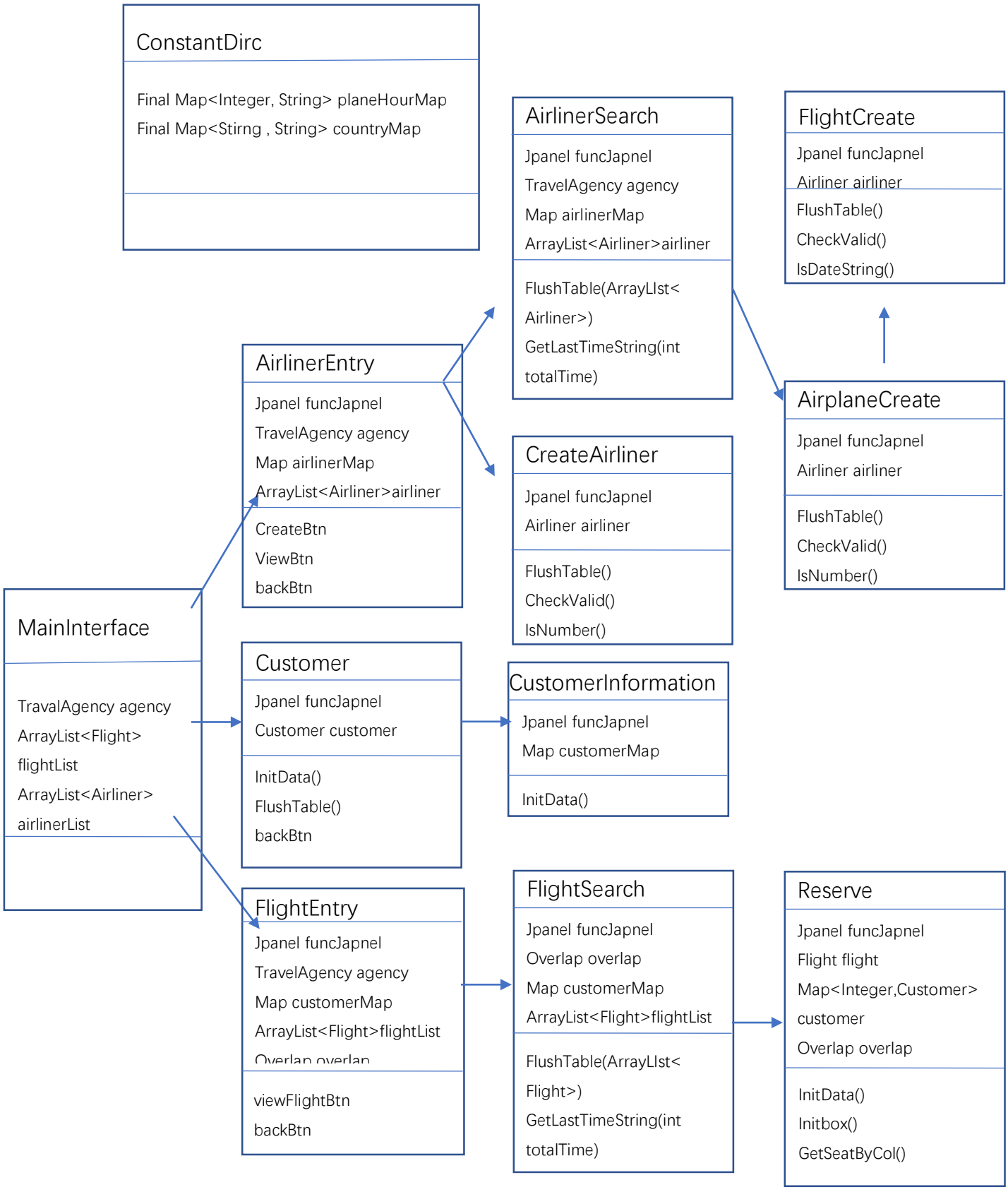
Group Chongya Report

UML:


ConstantDirc
Final Map<Integer, String> planeHourMap
Final Map<Stirng , String> countryMap
AirlinerSearch
Jpanel funcJapnel
TravelAgency agency
Map airlinerMap
ArrayList<Airliner>airliner
FlushTable(ArrayLIst<Airliner>)
GetLastTimeString(int totalTime)
FlightCreate
Jpanel funcJapnel
Airliner airliner
FlushTable()
CheckValid()
IsDateString()
AirlinerEntry
Jpanel funcJapnel
TravelAgency agency
Map airlinerMap
ArrayList<Airliner>airliner
CreateBtn
ViewBtn
backBtn
CreateAirliner
Jpanel funcJapnel
Airliner airliner
FlushTable()
CheckValid()
IsNumber()
AirplaneCreate
Jpanel funcJapnel
Airliner airliner
FlushTable()
CheckValid()
IsNumber()
MainInterface
TravalAgency agency
ArrayList<Flight>
flightList
ArrayList<Airliner>
airlinerList
Customer
Jpanel funcJapnel
Customer customer
InitData()
FlushTable()
backBtn
CustomerInformation
Jpanel funcJapnel
Map customerMap
InitData()
FlightEntry
Jpanel funcJapnel
TravelAgency agency
Map customerMap
ArrayList<Flight>flightList
Overlap overlap
viewFlightBtn
backBtn
FlightSearch
Jpanel funcJapnel
Overlap overlap
Map customerMap
ArrayList<Flight>flightList
FlushTable(ArrayLIst<Flight>)
GetLastTimeString(int totalTime)
Reserve
Jpanel funcJapnel
Flight flight
Map<Integer,Customer>
customer
Overlap overlap
InitData()
Initbox()
GetSeatByCol()

Explanation:

Travle agency can view basic flight information, delete and update flight information. Flights information can be searched by departure , destination and date. You can choose a flight to book tickets for customers. A customer can book more than one ticket, not a flight with conflicting time, each seat can only book one ticket.

Airliner mange can add a new airliner. You can view the basic information of the airliner, delete and update it, and query it according to the airliner ID, airliner name, and airplane number. Select a airliner to view the specific information of the airplane and add a new one. Select a specific airplane to view its specific flight and create new flight information.

Customer panel displays the booking status of each customers, and can view the booking details (departure and destination) of specific customers.