Sung Chi

CS151

CRC CARDS

Airline Reservation System

|  |  |
| --- | --- |
| Connection | |
| Display Menu  Take User Input and Initiate service  Display Result | SeatManager  ReservationSystem  Passenger |

|  |  |
| --- | --- |
| ReservationSystem | |
| Prompt users to enter input | Connection |

|  |  |
| --- | --- |
| Passenger | |
| Contain Passenger information  :name, class preference, seat preference, group name, names | Connection |

|  |  |
| --- | --- |
| Flight | |
| Contain fixed seats  : first class , economy class  Manage Availability Chart  Search seats | Seat  SeatManeger |

|  |  |
| --- | --- |
| Seat | |
| Contain passenger info  Contains seat info  :seat number, position, availability | Passenger  Flight |

|  |  |
| --- | --- |
| SeatManager | |
| read existing file  create new file  make reservation  cancel reservation  update file  manage manifestChart | Connection  Seat  Flight |