

KING SAUD UNIVERSITY

**COLLEGE OF COMPUTER AND INFORMATION SCIENCES
COMPUTER SCIENCE DEPARTMENT**

CSC 111: Java Programming 1

**The Project
Airline**

1st Semester 1439-1440

Project UML

Flight

- FlightNumber: String
- Cities: String []
- Destination: int
- Gate: int
- Date: String
- DepartureTime: String
- ArrivalTime: String
+ TotalFlights: int

+ Flight ()
+ Flight (int, String, int, String)
+ setDestination(int): void
+ setDate(String): void
+ setGate(int): void
+ setDepartureTime(String): void
+ setArrivalTime(String): void
+ getFlightNumber(): String
+ getDestination(): int
+ getDate():String
+ getGate():int
+ getDepartureTime(): String
+ getArrivalTime(): String
+ generateFlightNumber(): void
+ calculateArrivalTime(): void
+ printFlightInfo() : void

Airline

- FlightsList : Flight []
+ main (String): void
+ addFlight (int, String, int, String): Boolean
+ findFlight (String): int
+ printAll (): void
+ printAll (String): void
+ updateTime (String, String): void
+ getNumberOfFlights(): int