

# CSE 326 System Analysis and Design Laboratory

## Final Term Lab Exam

1. Develop a Use-case & Class-Diagram for Airport check-in and Security Screening with the following data:  
**Actors** are Passenger, Tour Guide, Minor (Child), Passenger with Special Needs (e.g. with disabilities), all playing **external roles** in relation to airport business. Customs approves their arrival after thoroughly checking.  
**Use cases** are Individual Check-In, Group Check-In (for groups of tourists), Security Screening, etc representing business functions or processes taking place in airport and serving the needs of passengers. Business use cases Baggage Check-in and Baggage Handling extend Check-In use cases, because passenger might have no luggage, so baggage check-in and handling are optional.  
Authority uses approval to make the final decision about their entry based on individual and group checking based on security screening and baggage checking.

2. Convert the following class diagram into java code. Test the code writing main method.

