



National University Of Computer and Emerging Sciences

Course	Object Oriented Analysis & Design
Section	C & D
Instructor	Mr Farooq Ahmad

Assignment No. 2

Deadline: 13/11/2018 5 PM

Consider the following usecase:

<p>UC: Manage Flight</p> <p>Purpose: To manage all (CRUD) aspects of a flight entry in the system</p> <p>Actor: Admin</p> <p>Main Flow:</p> <ol style="list-style-type: none">1. Admin selects “Manage Flights” option2. System shows a list of Flights, with the following information against each flight: Flight No., Airline, Origin, Destination, Departure date and time.3. Admin selects “Add a new Flight” option4. System shows a form asking for the flight information: Flight No, Airline, Origin, Destination, Departure data and time.5. Admin enters required information6. Admin selects “Save” option7. System creates a new flight entry in the system <p>Alternative Flow:</p> <p>3A.1 Admin selects a specific flight entry</p> <p>3A.2 Admin selects to update flight information</p> <p>3A.3 System opens the flight information form, showing the flight details already recorded</p> <p>3A.4 Admin updates the required information and selects “Save” option</p> <p>3A.5 System updates the flight entry</p> <p>3B.1 Admin selects a specific flight entry</p> <p>3B.2 Admin selects “Delete” option</p> <p>3B.3 System prompts to confirm deletion</p> <p>3B.4 If admin confirms deletion then System deletes the flight information, else the deletion operation is canceled</p> <p>Post-condition: Flight information is updated in the system</p>
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Implement the above usecase using a 3-Layered Architecture with a proper UI, Business and Data Layer. You must provide a proper GUI and a persistence mechanism.