# CS211 Project Assignment 5

In this assignment, you are required to design and implement a database for a flight management system.

Basic Information to be Captured:
- Airport: For each airport, its code, name and country.
- Airline: For each airline, its name and country.
- Flight: For each flight, its flight number, airline, departure and destination airports, mileage, and departure and arrival time (include date and day of the week).
- Passenger: For each passenger, her/his passport number, country and name.
- Travel History: The flight records of all passengers.

Requirements:
- Each country has a unique name
- A country could have more than one airports
- An airport has its unique code
- A country might have more than one airlines
- Each airline belongs to only one country
- Every flight belongs to a unique airline
- All flights are non-stop
- The mileage of a flight never changes
- The origin and destination of each flight are fixed throughout the history
- Different customers could have the same name
- No two passport numbers from the same country can be identical

## Task1 E-R diagram (10 marks)

Your E-R diagram (**.pdf**).

Upload a file named as **cs211_<your login name>_<assignment#>.pdf**

## Task2 Create tables (10 marks)

You need to implement your design in mySQL statements (**.sql**). The tables of your design should have primary and foreign keys.

Upload a file named as **cs211_<your login name>_<assignment#>.sql**

For example, if your login is pacquiao.mandy, your submission for assignment 5 should be
**cs211_ pacquiao.mandy_5.pdf**
**cs211_ pacquiao.mandy_5.sql**

# Late Policy:

The due date is published on the Moodle when the project is assigned. The late submissions are allowed with the following penalty:
- Within two days after the project due day **(-20%)**
- Assignments turned in more than two days late will not receive any credit