

CS405 – Database Programming Using Oracle 11g

Assignment No.1 (Graded)

Maximum Marks: 20

Instructions

Due Date: 13 November 2023

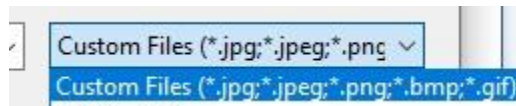
The purpose of this assignment is to give your hands-on practice. It is expected that students will solve the assignment themselves. The following rules will apply during the evaluation of the assignment.

- Cheating from any source will result in zero marks in the assignment.
- The submitted assignment does NOT open or file is corrupted.
- No assignment after the due date will be accepted
- Student can submit HTML, Images & Plain text only in this inline Mode. (DOC/pdf File uploading option will not be available) in inline assignment submission. You may insert image file/table.

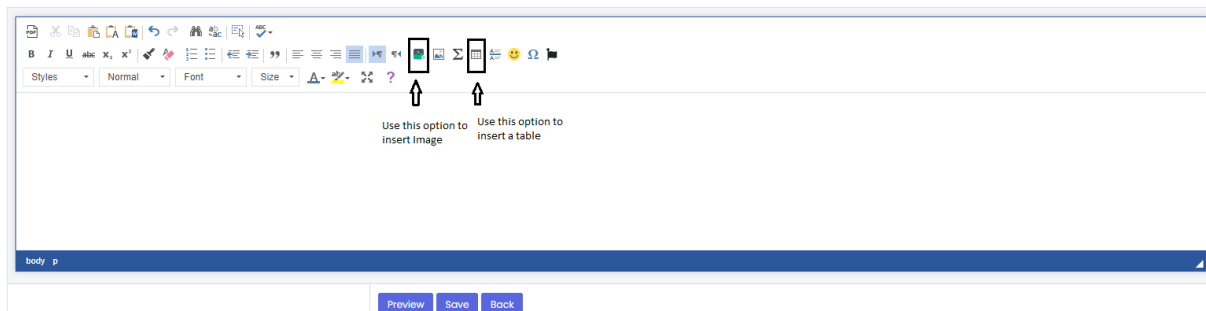
Uploading Assignment Instruction

Follow the given instructions to submit inline assignments.

- You can use MS Visio/ MS Paint for drawing the ERD Diagram etc.
- Student can insert the images of the following formats.



- Images and tables can be inserted using the following highlighted option in the interface.



Objective & Learning Outcome:

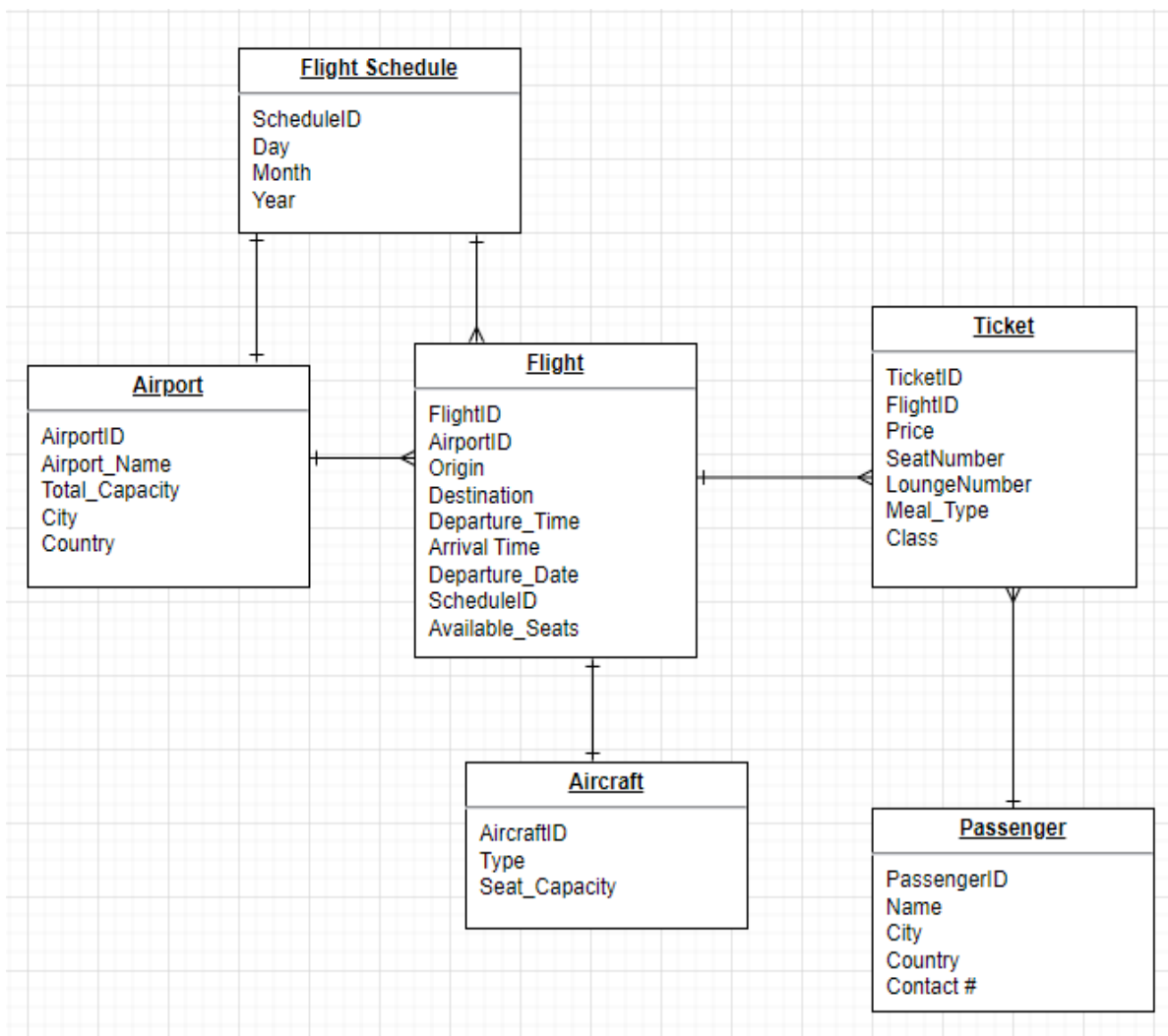
The objective of this assignment is to provide an understanding of SQL basic concepts.

After completing the assignment, the student can write the SQL queries according to the given statement.

Question No. 1

(20 Marks)

Given below is the schema of the flight reservation system.



Write the SQL queries for the statements below by considering the above-given schema.

1. Write a statement to display the Aircraft ID of the aircraft having a seating capacity of more than 200 passengers. **(Marks: 2)**
2. Write a statement that shows the total number of flights on 15-12-2023. (Marks: 2)
3. Write a statement to display the names of all those passengers who have reserved Business class on a flight having ID 2035. **(Marks: 2)**
4. Write a statement to display all the flights that take off from 'Islamabad International Airport'. **(Marks: 2)**
5. Write a statement that shows the total number of flights scheduled at "Jinnah International Airport" and the destination is "Islamabad". **(Marks : 3)**
6. Write a statement to display the names of those passengers who are served Asian meals on a flight having ID 1365. **(Marks : 3)**
7. Write a statement to display the names of all those passengers who are traveling via flight having a capacity of no less than 200 seats but the price of a ticket is no less than 6000. **(Marks : 3)**
8. Write a statement to display a total of those passengers who have purchased at least 50 tickets but have the cost of tickets greater than 3000. **(Marks : 3)**

Guideline for assignment solution:

- Use the tool recommended for this course.
- You have to submit the assignment inline, instructions for inline assignment submission are given above.

Note: Plagiarism will be checked for each question. Please answer the questions in your own words and marks will be awarded based on your answer and plagiarism report.

For any query about the assignment, contact at email CS405@vu.edu.pk