

Project 3 Assignment

MSYM 492/892, Spring 2022

Objective:

Create a mini relational database using Azure SQL Database and able to use basic SQL queries. This assignment will give you an idea on how to create a set of programs that allows access, retrieval and use of data by considering appropriate security measures and understand concepts of Database Management System (DBMS).

Data Provided:

- We have provided you with screenshots of the data in slides which you will use for insertion into different tables in Azure SQL query editor.
- You can insert these values into different tables and run the asked queries in the editor itself

Assignment: -

Write SQL queries to create a database then extract the following from the defined tables in your query editor –

1. Insert the name of a new person into the *Names* table besides the names already provided in the slides and return/display all the names on the table. (20 points)
2. Return/display only the NUID and Drone_id in the *Flights_record* table. (20 points)
3. Return/display when 'DJI Phantom 4' was purchased. (25 points)
4. Update the name of 'DJI Matrice 300 RTK' to 'DJI 300' in the *Drone_table*. (25 points)
5. Bonus: Return/display NUID, Drone_id, Truck_id for all the dates in July month (30 bonus points)
6. Comments: include extensive comments for your code to explain your thinking process. (10 points)

Due Date:

5 PM, Monday, April 11th in Canvas

Submission Package:

- Download the '.sql' file from the query editor in Azure SQL Database. Rename the file as '[First Name]_[Last Name]_Project3.sql' rather than its original filename 'query.sql'

- Make sure you do extensive comments for your code to show your thinking process. We also use the comments as part of the information to check the originality of your work. These accounts for 10% (10 points) of the total points.