Kardan University

Faculty Of Computer Science

Assignment

Dear Students,

I hope this letter finds you in good health and high spirits. As you all know, we have been discussing various concepts of Python programming in our class for the past few weeks. It's time to put your knowledge into practice and work on a mini project that includes a database.

For this assignment, you are required to form a group of maximum three students and choose a topic that interests you. The topic can be anything related to Python programming, such as web development, data analysis, machine learning, or game development.

Once you have selected a topic, you need to create a mini project that involves a database. You can use any database management system that you are comfortable with, such as MySQL, SQLite, or PostgreSQL. Your project should have the following components:

1. A user interface that allows users to interact with the database

2. A database schema that defines the structure of the database

3. A script that populates the database with sample data

4. A set of queries that retrieve and manipulate data from the database

5. A report that summarizes your findings and presents them in a clear and concise manner

Your project should be well-documented and include comments explaining your code. You should also include a README file that explains how to run your project and any dependencies that it requires.

The deadline for this assignment 30 June 2023. You will be evaluated based on the quality of your code, the completeness of your project, and the clarity of your report.

I wish you all the best of luck with this assignment and look forward to seeing your projects.

Sincerely,

Sayed Mortaza Kazemi