**Technological University of the Shannon (TUS)\_**

**Faculty of Engineering & Informatics**

**Semester 1 Assignment 2023**



**Software Development for Cloud 3**

~~The purpose of this assignment is to write a python Cloud Code web application that Deployed to Google Cloud (See Example). The application must administer some type of Sports or Social Club or organization.~~

1. **~~There are 3 deliverables:~~**

* **~~Assignment Proposal: 1 paragraph explanation of proposed~~ ~~topic/functionality (due 07/11) (see sample assignment proposal in moodle~~)**
* **~~Code for completed application~~**
* **~~Screencast video that demonstrates the application executing and briefly describes the code and html pages (and how the interact~~**

1. **~~You must also submit a copy of a signed Plagiarism Form~~**
2. ~~This assessment is worth 30% of the overall module mark~~
3. ~~I have included in moodle a sample application and a video demonstrating this application (Same example as completed in Class).~~
4. ~~You cannot use/resubmit any previous assignments. This assignment must be something new and of your own work.~~

**~~Task: Design & Build a Python Cloud application that links to a Database using SQLAlchemy that concerns any type of leisure/sports organization. You must submit a screencast video demonstrating the functionality of your application in action.~~**

**Notes:**

* ~~There is no limit to what you can do but it~~ **~~must involve developing an application that links a web front-end that links to a database with at least one table~~**
* ~~Use the coding available on Moodle as a starting point, however your assignment must be original and there are no limits to what you can do.~~
* ~~There is an example in Moodle that can be found in the section “~~**~~Sample Application~~***~~”~~*
* ~~The are three deliverables, each with a separate Marking scheme:~~
  + ~~Python Code & HTML pages (~~**~~65%~~** ~~of total assignment mark)~~
  + ~~A 5-minute screencast which will serve as a demonstration of the application~~ **~~(25%)~~**
  + ~~A brief Assignment Proposal (see Example). (~~**~~10%)~~**

~~This 10% mark is also associated with the consistency between proposal and final application.~~

**~~Proposal Submission Date: Tuesday 7th of Nov 2023 @ 23:00~~**

**~~Main Submission (code & Video): Tuesday 28~~~~th~~ ~~of Nov, 2023 @ 23:00~~**

**~~Main Submission Files:~~** ~~Code, screencast and plagiarism form in 3 separate locations~~**~~.~~**

**~~ScreenCast Guidelines:~~**

* ~~The screencast must be a~~ **~~(3- 5 minutes)~~**
* ~~The links to screencast-o-matic and tutorials are available on Moodle~~
* ~~Screencast to be structured as follows:~~

1. ~~Introduction:~~ **~~Brief~~** ~~description of what your application is about~~
2. ~~A walkthrough (demonstration) of your application working with examples of its functionality~~
3. ~~On screen briefly show and describe important aspects of the actual code including HTML and Code (including how SQLAlchemy is used)~~

**~~Main Submissions Links & files to be uploaded on Moodle:~~**

* **~~ScreenCast -~~** ~~Submitted to the~~ **~~Screencast~~** ~~submission link~~
* **~~ZippedCoding –~~** ~~Submit a~~ **~~zipped copy of your code~~**
* ~~scanned/photo copy of the~~ **~~plagiarism form~~**