**Artificial Intelligence in Enterprise Systems**

**Assignment #1– Flask**

**Value:** 5%

**Due:** End of Week 9

**Introduction:**

You have learned about Flask . In this assignment, you will develop RESTful API using Flask and perform CRUD operation. Database you will developed must have following fields in its table:

* student\_id
* first\_name
* last\_name
* dob(date of birth)
* amount\_due

You will be graded on following tasks:

|  |  |  |
| --- | --- | --- |
| item | Tasks | Marks |
| 1 | Creating Database | 15 |
| 2 | Creating Basic Flask App | 10 |
| 3 | For Create | 10 |
| 4 | For Read | 10 |
| 5 | For Update | 10 |
| 6 | For Delete | 10 |
| 7 | For Show all records | 10 |
| 8 | Presentation (Postman/Website) | 15 |
| 9 | Put your app in git repo | 10 |

**Submission:**

Submit a report using dropbox or DC connect and share your git repo

**This assignment relates to the following Course Learning Outcomes:**

CLO-2: Write industry standard code and use git to work in agile environment for developing enterprise AI products

CLO-5: Perform various DevOps operations (e.g., pytest) using various local and cloud technologies and Develops Flask API

CLO-6: Develop and deploy Enterprise AI solution pipeline using various technologies (i.e., Local, Dockers, Heroku or cloud)