**WM8002 Web Programming 2**

**Assessment Two: Develop an Application with a Web Framework**

**Instructions:** Submit your application (zipped file) in Moodle

**Deadline:** 22nd May 2023 – 23:55(late submission rule applies)  
**Learning Outcomes:** LO1 & LO2

**Type of Assessment:** Group (only two members)

**Grade Value:** 35%

## Project scenario

Your task in this assignment is to submit a fully functional web application **“Web Blog” – Admin Side Only** using Python and Django Web framework implementing the following ERD/graph. You need to implement and code certain concepts, based on what you have learned in the class. Your application should follow the MVT architecture. The website should be of professional standards.

Note: you need to identify the relationship between the tables to identify which foreign keys you should add. Additional fields can be added according to your business logic and students should use the appropriate datatype.

Diagram

Description automatically generated

## Project requirements

1. You are required to create a separate APP inside your application for each entity
2. You are required to modify the configuration files to create the proper access and navigation requirements.
3. You are required to create the model for each APP that will consist of the required data with proper relationships.
4. You are required to create all the CRUD methods (Create, Read All, read one, Update, Delete)
5. You are required to create the templates for each APP that will display the results of CRUD operations.
6. The look and feel of your website should be according to professional standards and it should match the purpose of the website (you can use ready templates, but it must be amended and customized)

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**Marking Scheme**

Due: Finished Application due by **1nd June 2023 (23:55)**

Submission: Uploaded to Moodle

Grade Value: 35% of the Course

**Student IDs: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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|  | **Task** | **Marks Achieved** |
| **APP** | Create an APP for each entity with the appropriate configurations and setting |  |
| **Model** | Create a model for each app. All models should consist of the required data and migrations should be implemented |
| **Views** | Views cover all CRUD operations for every Model |
| **Templates** | Templates cover all CRUD operations for every method |
| **Design** | Consistent look and feel according to industry standards. |
|  | **Total** | **/35** |

**Feedback**

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