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| **PROJECT RUBRIC**  **IT 403 – ELECTIVE 5 (WEB SYSTEMS AND TECHNOLOGIES 3)** | | | | | **SCORE** | |
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| **COURSE, YEAR, and SECTION** | | **DATE/TIME OF CHECKING**  **(mm/dd/yyyy hh:mm am/pm)** | | **INSTRUCTOR** | | |
|  | |  | | MR. GABRIEL M. GALANG | | |

**PROJECT MANAGEMENT WEB APPLICATION**

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| **INSTRUCTION:** Build a project management app where project teams can manage their projects and update tasks from time to time. Maximize the use of the Python Django web framework. | | | | | | |
| **COMMON FEATURES** | | | | | | |
| **1** | **Layout**. The layout must be consistent throughout the whole web app, easy to navigate, and with proper alerts and prompt messages. | **20** | **15** | **10** | **5** | **1** |
| **2** | **Account** **Creation**. Users shall register accounts before using the web app. Allow the user to provide a username and email address (both shall be validated for entry duplication). | **10** | **8** | **5** | **3** | **1** |
| **3** | **Log In and Log Out**. Allow the user to choose from a username or email when logging in. Confirm before logging out. | **10** | **8** | **5** | **3** | **1** |
| **4** | **User Profile**. Users must be able to edit or delete their accounts. Changing the password shall ask for the old password, and the new password, and confirm the new password. | **15** | **12** | **8** | **4** | **1** |
| **PROJECT MANAGER FEATURES** | | | | | | |
| **5** | **Member Management**. A project manager must be able to manage members under their project. They are the ones who will create the accounts of their members. | **25** | **19** | **13** | **6** | **1** |
| **6** | **Project and Task Management**. The project manager must be able to create projects and assign tasks to specified members. Each task on a project must have proper scheduling and assigned member/s. Each member can have a different task as assigned by the project manager. The project manager can set which task is the priority and provide deadlines for members to comply with. | **30** | **22** | **15** | **7** | **1** |
| **7** | **Visualization and Report Generation**. The project manager can generate reports on projects under them, each project's progress, and each member's progress under their projects. The web app must also provide data visualizations (Gantt Chart) to the project manager for easy visualization of projects and tasks completed. | **30** | **22** | **15** | **7** | **1** |
| **PROJECT MEMBER FEATURES** | | | | | | |
| **8** | **Notifications**. Team members must be notified if new tasks or projects are being assigned to them. | **20** | **15** | **10** | **5** | **1** |
| **9** | **Task Management**. All tasks assigned by the project manager must be visible to the assigned member. The team members must be able to manage and provide updates on the tasks assigned to them. | **20** | **15** | **10** | **5** | **1** |
| **10** | **Visualization and Report Generation**. Team members must be able to visualize their progress and be able to generate a report from it. | **20** | **15** | **10** | **5** | **1** |
| **ADDITIONAL FEATURES**  ***NOTE:*** *Additional features will only be considered if all items listed above received a score rather than 1.* | | | | | | |
| **AF1** | **Drag-and-Drop Kanban Board**. A Kanban board that utilizes a drag-and-drop feature may be added as a supporting visualization for the project team. | **30** | **22** | **15** | **7** | **1** |
| **AF2** | **File Sharing**. Team members and project managers may be able to share files with each other. If a team mem shares files, it will be visible to all involved in a project. If a project manager shares files, they can set it to all or specific members of the team only. | **20** | **15** | **10** | **5** | **1** |

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| **Legend** | **Description** | **Comment** |
| **1** | Poor | The item is not working. Item is not available for evaluation. |
| **7/6/5/4/3** | Needs Improvement | The item works but has several errors.  Errors include:  1. No Data Validation  2. Data is not correctly displayed  3. Data is not correctly updated  4. The session is not handled correctly |
| **15/13/10/8/5** | Satisfactory | The item works but has no data validation. The session is implemented correctly.  Errors include:  1. No Data Validation  2. No Data Duplication Validation |
| **22/19/15/12/8** | Very Satisfactory | The item works well; no bugs are found. The transaction is implemented via Web development frameworks. The data format is validated correctly, and there is no data duplication. |
| **30/25/20/15/10** | Excellent | The item works well, no bugs are found, and has data validation. |

**Submitted by:**

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(Signature over Printed Name of the Leader) (Signature over Printed Name)

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**Submitted to:**

**Mr. Gabriel M. Galang, MSIT, GK-CDPO, PCEP, CPE, CLE**

*Instructor III*

College of Information and Communications Technology

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*Certified Data Protection Officer | Certified Python, JavaScript, Java, C++, and C Programmer*