King Fahd University of Petroleum and Minerals

College of Computing and Mathematics

Information and Computer Science Department

ICS / SWE 399: Summer Training

**Progress Report # 1**

**Reporting Period: Weeks 1 – 3**

**Student Information**

|  |  |
| --- | --- |
| Name | **Abdulaziz Hakami** |
| ID | **202153750** |
| Major | **Computer Science** |
| Email | **S202153750@kfupm.edu.sa** |

**Company, Department and Team Information**

|  |  |
| --- | --- |
| Company Name | Royal Commission for Jubail & Yanbu |
| Department / Division Name | Shared IT and Information Services |
| Your Team Size  *Put 1 if you are working on the project alone* | 1 |
| Briefly describe the role of your team in the company and how the team supports the main business of the company? *(How does your team help the company make money?)*  *Use at most 50 words* | The role is to develop a system to help departments track digital transformation standards. This supports better planning, progress monitoring, and informed decisions, which improves overall organizational performance and supports the company’s goals. |

**Revised Project Information**

*Complete a separate table for each project you are assigned. If you are part of a group, clearly specify your individual responsibilities and tasks.*

|  |  |
| --- | --- |
| Brief summary of project scope and objectives  *Use at most 70 words* | Develop a web-based system that enables departments within an organization to monitor and manage their digital transformation standards. The system includes role-based dashboards and functionalities to assign, track, document, and evaluate progress. |
| Clearly describe your responsibilities and tasks  *Use at most 50 words* | * + Design the system's UI/UX   + Develop the frontend interface for both admin and users   + Implement the backend services including authentication, data management, and reporting   + Set up performance dashboards and status tracking tools   + Conduct full testing and deployment of the platform   Deliver complete documentation and meet all project deadlines |

**Revised Training Plan for the Reporting Period**

*Insert the portion of your revised training plan for the reporting period. Any feedback received on your training plan should be reflected in this version of the plan. This portion should now be final.*

|  |  |  |
| --- | --- | --- |
| Week # | Tasks | Outcomes |
| 1 | Gather system requirements based on user roles (admin, department user, top management). Begin UI/UX wireframes for dashboards and standard cards. | Requirement Specification Document completed. Wireframes for Admin and User Dashboards completed. |
| 2 | Define product backlog in Azure DevOps. Break down tasks into sprints. Create test cases for key features (e.g., assigning standards, uploading documents). | Requirement Specification Document completed. Wireframes for Admin and User Dashboards completed. |
| 3 | Azure DevOps - Backlog Definition with Test Cases and Sprint Planning | Product backlog created. User stories and tasks assigned. Initial test cases prepared. |

**Tasks Completed**

*Complete a separate table for each task. These tasks should be in line with your training plan.*

|  |  |
| --- | --- |
| Task 1  *Give each task a descriptive title* | Gather system requirements based on user roles (admin, department user, top management). Begin UI/UX wireframes for dashboards and standard cards. |
| Brief description  *At most 50 words* | Collected detailed system requirements for each user role and started designing wireframes for the users dashboards, focusing on usability and clear navigation. |
| Accomplishments  *What are the outcomes?* | - Completed Business requirement documents (BRD)  - Created initial wireframes using Figma  - Defined user roles and mapped features for each |
| Technical skills applied and/or learned  *Mention specific technologies, frameworks, tools, methodologies, … etc* | - Requirement gathering  - UI/UX design  - Wireframing using Figma  - Role-based feature mapping |
| Challenges faced and solutions  *Summarize any significant challenges encountered and how you addressed them.* | -The design of the website, which was addressed by viewing services providing websites designs for initial ideas and by focusing on functionality |
| Evidence  *Insert a few images to document your accomplishments. These could include diagrams, code fragments, etc. You may need to resize images to fit within the cell. Alternatively, you can use the appendix for this task to document the evidence.* |  |

Appendix 1

*Task #: Title*

*This section is optional but highly beneficial for developing your final report. The appendix serves as a space to provide comprehensive details about each project task. Use one appendix for each task you want to document further.*

*For example, if one of the tasks is requirements gathering, you can use the appendix to give more details about the requirements gathering process and list the final set of requirements.*