**Guide2. APT Project Development**

**Capstone Assignment**

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| **1. Summary of APT Project Progress** |
| Below, you will find different fields that you must fill in with the requested information. |

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| APT Project Progress Summary | We have made the necessary documentation to carry out the development of the project, we changed the methodology for time and agility issues. We managed to develop the database in postgres and advance certain modules of the applications. |
| Objectives | The objectives remain the same |
| Methodology | The methodology changed to the agile SCRUM methodology. |
| Evidence of progress | The evidence that we will present will be documentation of the project and progress in the modules of login, logout and user registration. Diagrams and cost sheets of the project were also made. The database was built in postgres and is functional in the web application.  Next to this document on github you will be able to see the documents that are talked about and the applications. |
| **2. Monitoring of the Work Plan** |
| Carefully examine your work plan, focusing especially on the progress status and adjustments column. |

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| Work Plan | | | | | | | |
| Competence or units of competences | Activities | Resources | Duration of the activity | Responsible[[1]](#footnote-1) | Remarks | Progress status | Settings |
| Project Management | Project planning | Documentation Tools | 2 weeks | Project Manager | It requires the collaboration of potential users and stakeholders to ensure that all the necessary functionalities are considered*.* | Completed | Changes in methodology |
| Interface Development | System Design | Design software (Figma, etc.) | 2 weeks | Design Team, Development Team | It is crucial to have the requirements and understand what the project will look like to avoid costly redesigns later in the development process. | Completed | Not applicable |
| WEB Development | System development | Visual Studio Code, databases. | 5 weeks | Development Team | Backend integration and development must be seamless to ensure that all functionalities operate as expected. | Current | Not Applicable |
| Desktop Development | System development | Neatbeans, databases. | 5 weeks | Development Team | Backend integration and development must be seamless to ensure that all functionalities operate as expected. | Current | Inclusion of this system |
| Testing and validation phase | Testing and validation | Test environment, users for acceptance testing | 5 weeks | QA Team | It is essential to have detailed test cases to cover all possible interactions on the platform | Current | Not Applicable |
| Project and deployment management | Deployment | Servers, monitoring tools | 2 week | Development team, stakeholders | Continuous monitoring during the first few weeks is necessary to identify and correct any issues that may arise in the production environment. | Not started | Not Applicable |
| Project and maintenance management | Maintenance | Support Team, Ticketing System | 1 week | Maintenance Team | It is important to maintain an open communication channel with users to receive feedback and make continuous improvements. | Not started | Not applicable |

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| **3. Adjustments from monitoring** |
| Dig deeper into the observations in your work plan. It analyses the planned activities and points out which aspects facilitated or hindered the execution of the plan. Discuss how you addressed and/or will address the obstacles. Finally, point out the adjustments you made to the work plan based on this analysis. |

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| Factors that have facilitated and/or hindered the development of my work plan:  Facilitated: Establishing roles or indicating which team member performs such and such part or document of the project, meetings to make progress at the time of the meeting, constant sending of progress no matter how small or large it is  Difficult: Power or internet outages |

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| Adjusted or removed activities:  The planned project was to be carried out on a web page however it is mandatory to integrate a desktop application, in this case said desktop application is integrated to manage the web page itself integrating both systems to a shared database, the project planning was adjusted to a different methodology because if it was continued to the traditional one if an error had occurred we could not continue or go back, those that did not have adjustments because as we had daily advances they were completed or remain in development without making changes to them. |

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| Activities you haven't started or are delayed:  They are not started because the previous phases are not finished, so once the previous phases have been completed and those not started, they will enter into a state in progress until the change of completion, applying the same current strategy of the factors that have facilitated the development of the project. |

1. In the event that the APT Project is a group project, in this column they must indicate the name of those responsible for each task or activity. This will later allow differentiating the evaluation by each member. [↑](#footnote-ref-1)