

Guide 2. APT Project Development Capstone Subject

1. APT Project Progress Summary

Below, you will find various fields that you need to complete with the requested information.

Project Progress Summary	<p><i>As part of the project progress, we have developed a front-end to display information from the database. Although we already have a data model, we have considered adding important information that will allow the use of new tables for future functions that the product will offer. For example, the chatbot will allow showing funeral homes or cemeteries near the user when they indicate their location or their real-time location. Another feature is a functionality using a CRUD to post tributes to loved ones to honor the deceased (in progress).</i></p> <p><i>Additionally, we are developing the chatbot to handle the necessary documentation for progressing with service arrangements.</i></p>
Objectives	<p><i>To improve user experience quality with enhanced features.</i></p>
Methodology	<p><i>Lean Inception – Brainstorm</i></p>
Progress Evidence	<p><i>Describe the evidence(s) that you will present in this progress report and justify how this/these evidence(s) demonstrate the development of the project. If applicable, explain how you ensured the quality of your APT Project through your discipline's methodologies, activities, tools, resources, etc. Attach the evidence(s) selected to be evaluated by the instructor in this section.</i></p>

2. Work Plan Monitoring

Carefully review your work plan, focusing especially on the progress status and adjustment columns.

Work Plan							
Competency or Units of Competency	Activities	Resources	Activity Duration	Responsible	Observations	Progress Status	Adjustments
Proposing IT solutions by analyzing processes based on requirements.	1) Web portal development. 2) Database. 3) Chatbot.	PostgreSQL. Python (Django). ChatGPT GCP.	3 weeks. 1 week. 2 weeks.	Oscar, Andres, Pablo.	Issues with adapting the template to the defined features. Lack of functionalities in the portal.	1) 1) In progress. 2) Delayed. 3) In progress.	New analysis of the portal's functional scope.

3. Adjustments Based on Monitoring

Expand on the observations from your work plan. Analyze the planned activities and indicate what aspects facilitated or hindered the plan's execution. Explain how you addressed or will address the obstacles. Finally, list the adjustments made to the work plan based on this analysis.

Factors that Facilitated or Hindered the Development of My Work Plan:

As challenges, we encountered difficulties transitioning the project to a more professional template. It was hard for us to understand how to integrate the elements and make them work correctly due to a lack of comments that could help us identify how they are related or enable the template to function and display correctly. What facilitated the development of the project was not having to obtain permissions from the different funeral homes and cemeteries, as this is a more extensive process that would delay us further.

Adjusted or Eliminated Activities:

We eliminated the story that generates a catalog since the template allows for direct navigation, showing funeral homes or cemeteries added to the portal. We added more acceptance criteria for the chatbot to expand its capabilities and enhance the user experience by allowing a more automated search, avoiding classic navigation.

Activities Not Started or Delayed:

The activities not yet started include the rating system that allows users to validate the experiences of others with the services provided by funeral homes. The development focus has been on new functionalities. Another activity on hold is the filter system, as we prioritized strengthening the chatbot to deliver valuable features.