**Guía2. Desarrollo Proyecto APT**

**Asignatura Capstone**

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| **1. Resumen avance Proyecto APT** |
| A continuación, encontrarás distintos campos que deberás completar con la información solicitada. |

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| Resumen de avance proyecto APT | *The progress made on the project has been:*  *The development of the required documentation, the creation of the login screen and main screen, the creation of the mockup for the following screens, the development of the project database, the purchase of a host and domain on which to launch the project so that it can be active on the web.* |
| Objetivos | *Complete at least 3 of the 5 required screens and have a functional database.* |
| Metodología | *Work continues using the Kanban methodology.* |
| Evidencias de avance | *Evidence of progress includes the creation and validation of users on the login screen, the correct display of the various system screens, the deployment of the project on the web for access at any time, and the documentation organized in the GitHub repository. This evidence reflects technical progress and guarantees the quality of the project through the use of methodologies, tools, and resources specific to the discipline.* |

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| **2. Monitoreo del Plan de Trabajo** |
| Examina cuidadosamente tu plan de trabajo, enfocándote especialmente en la columna de estado de avance y ajustes. |

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| Plan de Trabajo | | | | | | | |
| Competencia o unidades de competencias | Actividades | Recursos | Duración de la actividad | Responsable[[1]](#footnote-1) | Observaciones | Estado de avance | Ajustes |
| ***Apply agile methodologies in the management of IT projects*** | *Setting up and using a Kanban board* | *Trello / Jira / Miro* | *1 week* | *Project and Requirements Manager / Catalina Saldías* | *The board must be kept up to date throughout the project.* | *Status types:*  *In progress/Overdue/Not started/Completed/Adjusted*  ***Completed*** | *The activity is proceeding correctly.* |
| ***Identify and***  ***prioritize***  ***software requirements*** | *Creating the backlog with user stories* | *Google Docs, Trello* | *1 week* | *Project and Requirements Manager / Catalina Saldías* | *The backlog should reflect the entire scope of the prototype.* | ***In progress*** | *It is being done* |
| ***Design and implement software solutions under MVC architecture*** | *Development of the travel request module* | *VS Code, Node.js/React* | *3 weeks* | *Software Developer / Vicente Arriagada* | *Requires testing in different approval scenarios.* | ***In progress*** |  |
| ***Manage and administer relational databases*** | *Database design and construction* | *MySQL / PostgreSQL* | *2 weeks* | *Software Developer / Vicente Arriagada* | *Validate model to avoid redundancies and ensure scalability.* | ***In progress*** | *is being done* |
| ***Designing user-centered interfaces*** | *UX/UI prototyping* | *Figma, Draw.io* | *2 weeks* | *UX/UI Designer / Christian Riquelme* | *It must align with requirements and be validated by the team.* | ***In progress*** | *It is being done for each required screen.* |
| ***Evaluate and validate information systems through testing and quality control.*** | *Software testing* | *Checklis, Jest / Cypress* | *2 weeks* | *Software Developer + UX/UI Designer / Catalina Saldías and Christian Riquelme* | *Adjustments may be required if critical errors are detected.* | ***No started*** |  |
| ***Document and communicate the results of an IT project*** | *Preparation of final documentation* | *Word / Google Docs* | *1 week* | *Project and Requirements Manager / Catalina Saldías* | *It must be aligned with the evidence requested in the course.* | ***In progress*** | *It is constantly updated due to the delivery of the requested documents.* |

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| **3. Ajustes a partir del monitoreo** |
| Profundiza en las observaciones de tu plan de trabajo. Analiza las actividades planificadas y señala qué aspectos facilitaron u obstaculizaron la ejecución del plan. Plantea cómo abordaste y/o abordarás los obstáculos. Por último, señala los ajustes que realizaste al plan de trabajo a partir de este análisis. |

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| **Factores que han facilitado y/o dificultado el desarrollo de mi plan de trabajo:**  *What has facilitated the development of the APT Project has mainly been the purchase of the host and domain, as it makes it easier to view the project by allowing it to be posted on the web, which also helps the teacher in charge to review the progress of the project.*  *So far, we have not encountered any difficulties; we have been able to solve previous problems, improving the progress of the project.* |

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| Actividades ajustadas o eliminadas:  *The work plan has not undergone any major changes. The original development of the five screens and the database development remain unchanged. Minor details have been implemented within the screens, but nothing that would require the elimination or readjustment of the current process.* |

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| Actividades que no has iniciado o están retrasadas: *En caso de que* ***no hayas iniciado actividades o estén retrasadas*** *de acuerdo con tu planificación, señala los motivos por los que no has podido cumplir dichos plazos y qué estrategias utilizarás para avanzar en dichas actividades y no afectar tu proyecto APT.*  *So far, there are no main activities that have not been started. What we have discussed is to begin developing:*  *- Flowchart.*  *- Entity-Relationship Model.*  *- User Stories.*  *Although it is not our priority to finish them now, they are pending tasks that are expected to be completed before the end of stage 2.* |

1. En caso de que el Proyecto APT sea grupal, en esta columna deben indicar el nombre de los responsables de cada tarea o actividad. Esto posteriormente permitirá diferenciar la evaluación por cada integrante. [↑](#footnote-ref-1)