

| **1. APT Project progress summary** |
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| Below you will find different fields that you must complete with the requested information. |

| APT project progress summary | Progress statuses and adjustments to the overall project work plan have been edited. Activities and factors that obtain different types of results at the time of starting the complete development of the system have been adjusted. |
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| Goals | *The aim is to develop a mobile application as the main focus where users can make trips to both pet clinics and hotels, allowing users to access vehicles quickly and making the journey to the destination comfortable.*  *The APT project contains different specific objectives such as:*   * *Website Development.*   + *It must be responsive and intuitive*   + *Have external payment API*   + *Administration* * *Mobile Application Development.*   + *Creating Users (Customers and Drivers)*   + *Planning and implementing trips.*   + *Register pet*   + *Attach pet card* * *Desktop Application Development.*   + *Creating Reports*   + *Changes in attention state* |
| Methodology | *For the APT project, we will use the waterfall methodology, allowing the team to complete each phase in the assigned times. Once one phase is completed, another begins. In this way, the deliverables and the different phases will be clearly visible, documenting each process carried out.*  *For this APT project, different roles have been established for each team member, among which we will find:*   * *Project Manager - Benjamin Urrutia, his main responsibility will be to ensure that the project is developing correctly and that the phases are completed.* * *Programmer Analyst - Nicolas Varas, his main responsibility will be to develop code, analyze requirements and generate the necessary documentation.* * *BD Developer - Patricio Fernández, his main responsibility will be to design, optimize and maintain the database, as well as integrate with the applications.* * *Quality and Testing - Nicolas Varas, your main responsibility will be to perform software testing, identify errors and validate the quality of the product.* * *Designer - Patricio Fernández, his main responsibility will be to design the interfaces, prototype and collaborate with the development of the applications.* |
| Evidence of progress | To demonstrate the progress made during the development of the APT project, we will attach various documents, such as:   * DAS.   [DAS (System Architecture Document).docx](https://docs.google.com/document/d/1yQdtGDM0TZaHwlMfrgBeLnpIaLtIJ6ed/edit?usp=sharing&ouid=114524860855670166241&rtpof=true&sd=true)   * ACT OF CONSTITUTION.   [Articles of incorporation Finish.docx](https://docs.google.com/document/d/16yjlugwcZXtlAOAej898Fr04FwY51AvH/edit?usp=sharing&ouid=114524860855670166241&rtpof=true&sd=true)   * GANTT CHART.   [Gantt chart ✔️.xlsx](https://docs.google.com/spreadsheets/d/1zKNwzWtkoBRBvwGMtLSFCcCVOIAv2Qp3/edit?usp=sharing&ouid=114524860855670166241&rtpof=true&sd=true)   * EDT MATRIX.   [EDT✔️Matrix.xlsx](https://docs.google.com/spreadsheets/d/1idV7JzpIXhFIHrRO5Pasx6FZKeCcOTN1/edit?usp=sharing&ouid=114524860855670166241&rtpof=true&sd=true)   * RELATIONAL AND CLASS DIAGRAM.       Attaching these documents shows the work carried out during PHASE 1 and 2 of our APT Project, LuckyPets, allowing us to know dates, people, objectives, and how the LuckyPets process is internally through its Database Model and Class Diagram, in this way the general Architecture of the APT Project is established.  We believe as a team that we safeguard the quality of the APT Project based on the tools with which we have been taught to carry out the different Duoc processes, such as:   * Excel. * Model. * Bizagi. * DataModeler.   And some external ones like:   * StarUML.   This is also how we distribute the Activities for each Member that makes up this group, reducing the workload and the holding of constant meetings. |
| **2. Monitoring the Work Plan** |
| Carefully examine your work plan, focusing especially on the progress and adjustments column. |

| Work Plan | | | | | | | |
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| Competency or units of competencies | Activities | Resources | Duration of the activity | Responsible[[1]](#footnote-0) | Observations | State of progress | Settings |
| *Name the competencies or units of competencies that are related to the different activities required for the development of the APT project.* | *Name the activities that are needed to develop the APT project.* | *Name the resources needed to carry out the defined activities.* | *Indicate the duration of each activity.* | *Write the name of the team member responsible for each activity.* | *Indicate the difficulties or facilitators that could arise during the execution of each of the proposed activities.* | *Describes the progress status of each activity.*  *Types of status:*  *In progress/Delayed/Not started/Completed/Adjusted* | *Please point out any adjustments or reformulations you have made.* |

| **APT Project Work Plan** | | | | | | |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Competency or units of competencies | Name of Activities/Tasks | Description Activities/Tasks | Resources | Duration of the activity | Responsible[[2]](#footnote-1) | Observations | Status of progress | Adjustment |
| *APT Project* | **APT Project Definition Document PHASE 1** | *Document that justifies and describes the APT project (objectives, scope and deliverables).* | *Computer and Documentation .* | *12-08-2024*  *to the*  *19-08-2024* | *The whole team* | **The project phases are established along with requirements** | **Filled** | **Without adjustments** |
| *Project management.* | **Minutes of weekly meetings** | ***Document created to support the weekly meetings held by the work team (agreements and decisions)*** | *Computer and Documentation .* | *12-08-2024*  *to the*  *19-08-2024* | *The whole team* | *Weekly team work and feedback meetings are established* | **Filled** | **Time adjustments have been made with this same** |
| *Project management.* | **Initial Project Presentation** | ***Document presenting the APT project to be developed (objectives, teams and deadlines)*** | *Computer and Documentation .* | *19-08-2024*  *to the*  *26-08-2024* | *The whole team* | *Objectives and goals are established with the project* | **Filled** | **Without adjustments** |
| *Project management.* | **Project constitution minutes** | ***Document detailing the roles, objectives and authorizing the start of the project*** | *Computer and Documentation .* | *19-08-2024*  *to the*  *26-08-2024* | *The whole team* | *All project components are documented along with their details.* | **Filled** | **Parameters of the articles of incorporation have been adjusted** |
| *Project management.* | **Requirements Sheet** | ***Detailed list of functional and non-functional requirements of the system.*** | *Computer and Documentation .* | *26-08-2024*  *to the*  *02-09-2024* | *The whole team* | *The functional and non-functional requirements of the system are established.* | **Filled** | **Without adjustments** |
| *Project management.* | **EDT spreadsheet** | ***Work Breakdown Structure of Project Tasks*** | *Computer and Documentation .* | *29-08-2024*  *to the*  *02-09-2024* | *The whole team* | *All work carried out on the project is documented along with tasks* | **Filled** | **Without adjustments** |
| *Project management.* | **Gantt chart** | ***Visual timeline showing project tasks and times.*** | *Computer and Documentation .* | *29-08-2024*  *to the*  *02-09-2024* | *The whole team* | *The entire schedule is documented in times, days and weeks.* | **Filled** | **The times have been adjusted in relation to the complete development of the project** |
| *Project management.* | **ERS Document** | ***Software requirements specification and technical details.*** | *Computer and Documentation .* | *02-09-2024*  *to the*  *12-09-2024* | *The whole team* | *The project requirements are established* | **Filled** | **Without adjustments** |
| *Project management.* | **Extended Use Case Document** | ***Detailed description of user-system interactions.*** | *Computer and Documentation .* | *09-09-2024*  *to the*  *11-09-2024* | *The whole team* | *All user interactions with the system are detailed.* | **Filled** | **Without adjustments** |
| *Prototypes.* | **Full system mockups** | ***Visual prototypes of system interface design.*** | *Computer and Documentation .* | *09-09-2024*  *to the*  *11-09-2024* | *The whole team* | *System prototypes are idealized in terms of functions and how it works.* | **Filled** | **Without adjustments** |
| *Architecture* | **Architecture Document (DAS)** | ***Defines the technical architecture of the system*** | *Computer and Documentation .* | *11-09-2024*  *to the*  *16-09-2024* | *The whole team* | *The entire system and how it is composed is documented* | **In progress** | **Multiple adjustments have been made to achieve the optimal project outcome.** |
| *Project management.* | **Raci Matrix** | ***Assign project responsibilities using the RACI model*** | *Computer and Documentation .* | *11-09-2024*  *to the*  *16-09-2024* | *The whole team* | *All types of actions in the project are documented* | **Filled** | **Without adjustments** |
| *Risk management.* | **Risk Matrix** | ***Identify and assess project risks and their impact.*** | *Computer and Documentation .* | *11-09-2024*  *to the*  *16-09-2024* | *The whole team* | *All types of risks and their severity towards the system and project in general are documented.* | **Filled** | **Adjustments have been made to the dictionary of this same** |
| *Business* | **Business process document (TO-BE)** | ***Describe what the processes will be like after implementing the system.*** | *Computer, bizagi and documentation .* | *16-09-2024*  *to the*  *23-09-2024* | *The whole team* | *All types of processes are documented in the system* | **In progress** | **Adjustments have been made to achieve 100% of the business process** |
| *Database.* | **Data Dictionary** | ***Contains the definition of the system data elements.*** | *Computer, SQL Server and Documentation .* | *16-09-2024*  *to the*  *23-09-2024* | *The whole team* | *The key elements of the system are documented in a dictionary system.* | **In progress** | **Without adjustments** |
| *Project management.* | **Minutes of meetings** | ***Summary of discussions and decisions at meetings.*** | *Computer and Documentation .* | *16-09-2024*  *to the*  *23-09-2024* | *The whole team* | *Team work meetings and feedback are established* | **Filled** | **Without adjustments** |
| *Project management.* | **Change Control Matrix** | ***Control and manage project modifications.*** | *Computer and Documentation .* | *23-09-2024*  *to the*  *09-30-2024* | *The whole team* | *All types of changes in the project and the system are documented* | **Filled** | **Without adjustments** |
| *APT Project.* | **APT Project Definition Document Phase 2** | ***Details the objectives and scope of phase 2 of the project.*** | *Computer and Documentation .* | *23-09-2024*  *to the*  *09-30-2024* | *The whole team* | *Objectives are established along with the scope of the project only in phase 2.* | **In progress** | **Multiple adjustments have been made for this purpose.** |
| *APT Project.* | **Final Report Document APT Project Phase 2** | ***Phase 2 evaluation and results summary.*** | *Computer and Documentation .* | *09-30-2024*  *to the*  *10-14-2024* | *The whole team* | *The project phases are established along with requirements* | **In progress** | **Without adjustments** |
| *Programming.* | **100% system development** | ***Complete code of the developed system.*** | *Computer, Visual Studio, Visual Studio Code, Django, Ionic Angular, C#, WPF, Bootstrap 5, SweetAlert* | *09-30-2024*  *to the*  *18-11-2024* | *The whole team* | *The entire system is developed from 0% to 100%* | **Not started** | **Without adjustments** |
| *Database.* | **Database script** | ***SQL instructions for creating and managing the database.*** | *Oracle, SQL Server, Firebase* | *09-30-2024*  *to the*  *11-11-2024* | *The whole team* | *The database script is detailed including relationships, tables, and attributes* | **Not started** | **Without adjustments** |
| *Project management.* | **Change control matrix** | ***Record of approved or rejected changes.*** | *Computer and Documentation .* | *18-11-2024*  *to the*  *02-12-2024* | *The whole team* | *All types of changes in the project and the system are documented* | **In progress** | **Without adjustments** |
| *Project management.* | **Minutes of meetings** | ***Record of agreements and topics discussed in meetings.*** | *Computer and Documentation .* | *18-11-2024*  *to the*  *02-12-2024* | *The whole team* | *Team work meetings and feedback are established* | **Not started** | **Without adjustments** |
| *Quality.* | **Test plan** | ***Testing strategy and schedule to validate the system.*** | *Computer and Documentation .* | *18-11-2024*  *to the*  *02-12-2024* | *The whole team* | *The tests performed are documented in schedule format* | **Not started** | **Without adjustments** |
| *Quality.* | **Database Testing Matrix** | ***Details of specific tests for the database.*** | *Computer and Documentation .* | *18-11-2024*  *to the*  *02-12-2024* | *The whole team* | *The tests performed are documented in the database* | **Not started** | **Without adjustments** |
| *Quality.* | **Defects Registration Form** | ***Logging and tracking errors encountered.*** | *Computer and Documentation .* | *25-11-2024*  *to the*  *02-12-2024* | *The whole team* | *All errors found in the system are documented* | **Not started** | **Without adjustments** |
| *Quality.* | **Scope verification** | ***Process to validate compliance with project objectives.*** | *Computer and Documentation .* | *25-11-2024*  *to the*  *02-12-2024* | *The whole team* | *The scope is documented in the verification format of these with compliance feedback.* | **Not started** | **Without adjustments** |
| *Project management.* | **Training plan** | ***Plan to train end users of the system.*** | *Computer and Documentation .* | *25-11-2024*  *to the*  *02-12-2024* | *The whole team* | *It documents how users should use the system* | **Not started** | **Without adjustments** |
| *Project management.* | **User manual** | ***Guide for the use of the system by end users.*** | *Computer and Documentation .* | *25-11-2024*  *to the*  *02-12-2024* | *The whole team* | *It documents how the user can integrate with the system* | **Not started** | **Without adjustments** |
| *Project management.* | **Project closure report** | ***Final summary of project achievements, milestones and results.*** | *Computer and Documentation .* | *25-11-2024*  *to the*  *02-12-2024* | *The whole team* | *All project achievements and results are successfully documented* | **Not started** | **Without adjustments** |
| *APT Project.* | **Presentation Document APT Project Phase 3** | ***Introduction and details of phase 3 of the project.*** | *Computer and Documentation .* | *25-11-2024*  *to the*  *02-12-2024* | *The whole team* | *All details are documented for the new phase of the project* | **Not started** | **Without adjustments** |
| *APT Project.* | **Total system development 100%** | ***Completion and complete delivery of the system in its final phase.*** | *Computer* | *02-12-2024*  *to the*  *10-12-2024* | *The whole team* | *Development is completed on both the system and the project* | **Not started** | **Without adjustments** |

| **3. Adjustments from monitoring** |
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| Go deeper into your observations of your work plan. Analyze the planned activities and point out what aspects facilitated or hindered the execution of the plan. Describe how you addressed and/or will address the obstacles. Finally, indicate the adjustments you made to the work plan based on this analysis. |

| Factors that have facilitated and/or hindered the development of my work plan  **Clarity of objectives** : The clear and precise definition of the project objectives allowed for structured planning with achievable goals.  **Team skills** : The team has the necessary technical skills (development, data analysis, design, etc.), which has facilitated the execution of key tasks.  **Efficient communication** : Fluid communication between team members has allowed problems to be resolved quickly and the work plan to be adjusted as the project progressed.  **Lack of initial documentation** : The lack of clear documentation of some processes or technologies used imposed a greater learning curve for some team members. |
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| Activities adjusted or eliminated:  **Adjusted activities**  **Resource Reallocation** : Adjusted team resource allocations, directing certain members toward areas that required more attention, such as systems integration, due to unanticipated complexity in that phase.  **Change in development tools** : It was decided to change some technological tools (libraries, frameworks, etc.) that presented compatibility or performance problems. This was done to improve development efficiency and avoid future problems in the integration phases. |
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| Activities that you have not started or are delayed:  **Diagrams**  The diagrams, especially the activity and sequence diagrams, have been the diagrams that have required the most work, however, a lot of progress has been made on this, thus avoiding a delay again with these specific models *.* |
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1. . [↑](#footnote-ref-0)
2. [↑](#footnote-ref-1)