

| **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 | *Our progress as a team so far has been*   * *Define our APT project.* * *Development of a mockup which is also a functional prototype.* * *Documentation.* * *Data model we will use.* * *Views regarding the 4+1 model.* * *We have advanced the part of the software app in which flutter was used.* * *Connecting the software to the database.* * *At this point we already have our functional software ready.* |
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| Goals | *There was a small adjustment in the software design, and it is with three points:*   * *We implemented a messaging system so that customers can contact sellers within the platform.* * *In addition to the stores, at the top of the page there will be a section of discounted products, popular products, etc.* * *We also added a profile which the user can modify with their data.* |
| Methodology | *The methodology we used was the methodology, in which we used a Kanban board to visualize and manage all the tasks necessary during the project life cycle. This methodology allowed high flexibility and visibility in the progress of the work.* |
| Evidence of progress | *The progress we will show in this report will be progress in our definition of the APT project, at this time it would be in terms of the graphical views (documentation), the database model and the software.*  *Functional prototype link: https://jocysuga9.wixsite.com/izymarket*  *Below I attached images of the software:*  *Software preview:* |
| **2. Monitoring the Work Plan** |
| Carefully examine your work plan, focusing especially on the progress and adjustments column. |

| Work Plan | | | | | | | |
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| Competence or units of competences | Activities | Resources | Duration of the activity | Responsible[[1]](#footnote-0) | Observations | State of progress | Settings |
| *Develop a software solution using techniques that allow systematizing the development and maintenance process, ensuring the achievement of objectives.*  *Build data models to support the organization's requirements according to a defined and scalable design over time.*  *Knowledge of web and mobile development.* | *Requirements analysis and software design.*  *Software development*  *Documentation.*  *Testing and validation.*  *Implementation.* | *The resources we have used so far were Flutter, visual studio code, Github, IDX, Google drive and lucidchart.* | *The duration of these activities in the second phase has been approximately 4 weeks.* | *In charge of documentation for both members.*  *Jocelyn Navarro was in charge of the 4+1 model views and interactive mockup.*  *Cesar Negrete was in charge of the database model and the beginning of the application development.*  *Both members are in charge of software development.* | *The difficulties we had were initially design-related issues.*  *As for facilitators, we have Drive, in which we can simultaneously advance in documentation, just like in Lucidchart. Github is another facilitator, since through it we can share code documents.*  *Another enabler we had was IDX, as we can advance the code at the same time* | *APT Definition: Completed/Adjusted*  *Mockup Development: Completed*  *Prototype Development: Completed*  *Web Part Development: Completed*  *App part development: Completed*  *App Settings: Completed*  *Development Documentation: Completed*  *Functionality testing: Completed*  *Final presentation: Not started*  *Final Report: Completed* | *We implemented a messaging system so that customers can contact sellers within the platform.*  *In addition to the stores, at the top of the page there will be a section of discounted products, popular products, etc.*  *We also added a profile which the user can modify with their data.* |

| **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 :  The facilitators we have had have been programs like Lucidchart and Google Drive with which we can work simultaneously. We also use GitHub where we can share the code.  Another facilitator we have had is the IDX tool, in which we can advance the code together.  As for the difficulties we encountered, we had to make some minor adjustments to our software design to improve the user experience. |
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| Activities adjusted or eliminated:  *In the prototype design/mockup design part we had to adjust some points to make our software more complete, since it was missing some things , for example in our APT we put that it was going to have a direct link with WhatsApp, but we preferred to add our own messaging system in the application.*  *One of the activities removed was the shopping cart.* |
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| Activities that you have not started or are delayed:   * *Software settings: Once the software is ready, we will begin with the adjustments if necessary.* * *Functionality testing: Once the software is complete and with its corresponding adjustments, we can carry out the corresponding functionality tests.* * *Final presentation: Once everything is complete we can do this task.* * *Final Report: Once everything is complete we can do this task.*   *—--------------------------------------------------------------------------*   * *There is nothing delayed at the moment* |
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1. If the APT Project is a group project, the names of those responsible for each task or activity must be indicated in this column. This will later allow for differentiating the evaluation for each member. [↑](#footnote-ref-0)