

| **1. APT Project Final Report** |
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| The objective of this report is for you to describe the most relevant aspects of your APT Project. It is important that you justify the decisions you had to make throughout the process.  Below you will find different fields that you must complete with the requested information, which will summarize your APT project and its main results. |

| Project name | *IzyMarket* |
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| Area(s) of performance(s) | *Mobile app development, database management, website development, backend, API consumption* |
| Competencies | * *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.* |

| **Contents of the final report** | |
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| 1. Relevance of the APT project | The problem that our project seeks to solve is the lack of digitalization that micro entrepreneurs have, either due to a lack of knowledge or due to the difficult access to creating a website, the lack of reach of entrepreneurs who have great potential.  This topic is relevant to our career because thanks to the use of information technology, software solutions can be created to facilitate and improve the reach of micro-enterprises.  The situation to be addressed is at the country level. The idea is to create software that can help all micro-entrepreneurs in the country to have a greater reach with their products, since many of them do not know how to use social networks well to grow their business. The idea is to create software that is intuitive and easy to use, both for young people and for older people.  The situation to be addressed directly impacts the country's micro-entrepreneurs, since thanks to this solution they will be able to promote their products, increasing their visibility. |
| 2. Objectives | *The general objectives of the project are:*   * *To be able to create software to help micro-enterprises.* * *That the software is intuitive, easy to use for any user.* * *Make the interface eye-catching.*   *The specific objectives would be:*   * *Create tags to better filter the platform's categories and stores.* * *Add a contact method so that the customer can contact the seller.* * *That the software has the necessary security.* * *Each type of company will be classified differently, to maintain order within the software and make it easier for customers to find what type of company they need to obtain their products.* |
| 3. Methodology | *We will use the agile Kanban methodology by creating a Kanban Board to show all the tasks we need to perform, within the development of the ATP project. The Trello tool will be key for documenting our work methodology:*  *Agile Kanban methodology: for the efficient management of the development of our marketplace. We will use a Kanban board to visualize and manage all the tasks required during the project lifecycle. This methodology will allow high flexibility and visibility in the progress of the work.*  *To document and manage the workflow, we will use Trello as a key tool. Trello will allow us to create and maintain an interactive Kanban board, making it easier to plan, track and update tasks. In addition, Trello will provide a collaborative platform where all team members can access documentation and task status in real time.*  *This agile methodology and the selected tools will ensure effective project management, allowing rapid adaptation to changes and fluid communication between team members.* |
| 4. Development | * *Description of the stages or activities of the APT Project.*   *At the moment, the activities that we have developed in our APT project are the APT definition, Mockup development, prototype development, web part development, app part development, and development documentation.*   * *Difficulties and facilitators in the development of the APT Project.*   *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.*  *As for the difficulties we encountered, we had to make some minor adjustments to our software design to improve the user experience.*   * *Adjustments made.*   *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. Another adjustment we made is that now the client can ask for more than one product at the same time, they can choose several products and ask for all of them in a single message.* |
| 5. Evidence | * *Attach evidence that allows us to account for the development of the APT Project and its final results.*   *Mockups:*          *Software preview:* |
| 6. Professional interests and projections | * *Reflection on the contribution of the APT Project to the development of professional interests.*   *How did your APT Project help you to better understand your professional interests? After completing your APT Project, are your professional interests still the same as those you stated at the beginning of the course?*   * *Employment projections from the APT Project.*   *What professional interests would you like to explore or continue to deepen?*  *How do you see yourself professionally after completing your APT Project?* |