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Content

[3 Project Final Report](#_heading=h.9vh3tsla08im)

[Project name](#_heading=h.3gvh7f612bhv)  [3](#_heading=h.3gvh7f612bhv)

[Area(s) of performance(s)](#_heading=h.x319c75z16ea)  [3](#_heading=h.x319c75z16ea)

[Competencies](#_heading=h.6q6e9bhbwct5)  [3](#_heading=h.6q6e9bhbwct5)

[Contents of the final report](#_heading=h.3k6lwfshmi5s)  [4](#_heading=h.3k6lwfshmi5s)

[1. Relevance of the APT](#_heading=h.te0qn2higff9)  [4 project](#_heading=h.te0qn2higff9)

[2. Objectives](#_heading=h.tfxcmi7m8o0w)  [4](#_heading=h.tfxcmi7m8o0w)

[3. Methodology](#_heading=h.4xuzi2r0epls)  [4](#_heading=h.4xuzi2r0epls)

[4. Development](#_heading=h.ga4rma1cwm82)  [5](#_heading=h.ga4rma1cwm82)

[5. Evidence](#_heading=h.iiwb21ifi539)  [6](#_heading=h.iiwb21ifi539)

[6. Professional interests and projections](#_heading=h.jp8fgvll19w)  [9](#_heading=h.jp8fgvll19w)

| 1. APT Project Final Report |
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| 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 labels to better filter the categories of the platform's stores.* * *Add a contact method so that the customer can contact the seller.* * *That the software has the necessary security.* |
| 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 to 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 and app part development together, development documentation, now we have the complete software.*   * *Difficulties and facilitators in the development of the APT Project.*   *The facilitators we have had have been programs like Lucidchart, IDX 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.* |
| 5. Evidence | * *Attach evidence that allows us to account for the development of the APT Project and its final results.*   *Software preview:* |
| 6. Professional interests and projections | * *Reflection on the contribution of the APT Project to the development of professional interests.*   *It helped us to better understand our interests because both team members were interested in the topic of mobile application creation and web development.*  *After finishing our project, our interests remain the same, in fact now we feel even more motivated when it comes to creating applications and web development.*   * *Employment projections from the APT Project.*   *We would like to continue to delve deeper into various software for creating applications and/or web development, because we both like this topic.*  *Our future career prospects are to be able to work for a company dedicated to web or mobile development.* |