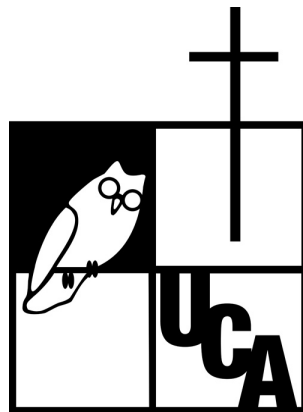


Universidad Centroamericana
José Simeón Cañas



digidoro

Integrantes

Aguilar Hernández, Melvin Armando	0000000
Chavez Grande, Claudia María	00037221
Escobar Lima, Henry Eduardo	0000000
Vásquez Meléndez, Fernanda Camila	0000000

Fecha de entrega

Viernes 14 de julio del 2023

| Problem statement

Organize your day and be more productive

Productivity and organization of time is of the utmost importance in people's day-to-day lives. Sometimes, both young people and adults can feel overwhelmed with the amount of work and daily stress, so prioritizing and managing time through applications such as lists, notes or pomodoro sessions become very effective and productive for the fulfillment of these obligations.

> Goals

- Offer effective tools and methods for increasing productivity and time management such as Pomodoro, to-do list, and notes.
- Facilitate the use of the application with a simple and attractive interface, including non-functional methods such as grouping activities and notes.
- Document processes and descriptions that facilitate the use of the application.

› Customer segment

Students

Productivity applications are useful for students, since through them it allows them to organize their study time, plan their tasks and personal projects, take notes and manage their notes.

Professionals

Professionals require a high level of organization and task management to be able to carry out their tasks in the required time and efficiently.

Self-employed

Self-employed workers need productivity support to be able to manage their projects and tasks, organize their time and plan their work, in this way, their companies will have better results.

› Distribution channels

Google Play Store

It is a Google app store targeting Android devices. So that users can access the store.

In order to use the Google Play Store, they must have a compatible Android device, in addition, they must have a Google account.

Once users have signed in with their Google account, they are free to browse the store and download apps of interest to their device.

In the Google Play Store, the applications are organized in different categories such as games, productivity, education, etc. In addition, it offers personalized recommendations based on the activity of users on the platform, in this way, it is easier for users to download applications of their interest.

The use of the Google Play Store has been considered as a distribution channel due to its accessibility as it is available on Android devices and security. It also allows easy maintenance of the application, and a relationship between users and developers through the comments of the application.

› Sources of income

Subscription

Through the subscription, you will allow users to access all the functionalities of the application during a specific period of time, in exchange for a subscription fee. That may include a monthly, yearly or other period of time subscription.

Advertising

The application may receive advertising as a source of income, this means that advertisers may pay to place ads within the application, and the application development team may receive income based on the number of impressions that the ad receives.

› Key resources

Technological infrastructure

To guarantee the proper functioning and management of user data and information, the implementation of servers and storage systems capable of handling large amounts of information will be required. In addition, to preserve the security and confidentiality of users' personal data, it will be necessary to have specialized tools for information security and protection, in order to minimize the risks of unauthorized access and protect the integrity of the data.

Staff

A team of developers, designers and, in general, technical staff is necessary to build and maintain the application. A sales and marketing team support may be required to promote and sell the application.

Brand

The application must have a solid and reliable brand to attract users and thus maintain their loyalty. In addition, it must represent the values that define digidoro, whose purpose is to improve the productivity of our users, promoting the continuous commitment to excellence, intelligent planning and focused effort. This is achieved through careful attention to the quality and performance of the application, that is, through the creation of a consistent and attractive brand image for the user.

Physical resources

In order to carry out the creation and development of the 'digidoro' application, it is essential to have computer equipment such as computers, since these are essential to carry out the tasks necessary for its creation and subsequent operation.

Programming languages

To carry out the development of the project in question, it has been decided to use Kotlin and Javascript as programming languages. These two languages are highly compatible and allow the implementation of the necessary functionalities for the proper functioning of the application to be carried out efficiently and effectively.

Apps for app development

For the development of digidoro Android Studio is used, for the implementation of the API we will use POSTMAN and for the deployment of the API we will use digital ocean.

Applications required for application development

In the process of creating and developing the application, it has been decided to make use of Android Studio, which is a mobile application development platform widely recognized for its efficiency and reliability in creating applications for Android devices. This platform offers a wide variety of tools and resources that allow developers to create high-quality and personalized applications for users.

Financial resources

In order to publish the application in the Google Play Store, it is necessary to have the necessary investment to obtain the developer account that allows the application to be uploaded to the platform. This is because the Google Play Store requires developers to pay a one-time fee to get the developer account and be able to upload their apps to the virtual store. In addition, it is important to consider that this financial investment can be beneficial in terms of visibility and reach of the application, since the Play Store is one of the main virtual stores for mobile applications worldwide.

›API documentation

API documentation provides clear and concise communication between the developers who create the API and the developers who use it. It allows to establish a common language and a shared understanding of how to interact with the API, the following is the API documented by collections:

›AccountRecovery

<https://crimson-trinity-596212.postman.co/workspace/617efff0-dead-4f89-88ba-ab8ee53dcf35/api/2be82dc6-aeb5-410a-be61-b913c6e19461/documentation/24682775-5ba092bf-c496-4792-80da-df1408232a00>

›favoriteNotes

<https://crimson-trinity-596212.postman.co/workspace/617efff0-dead-4f89-88ba-ab8ee53dcf35/api/2be82dc6-aeb5-410a-be61-b913c6e19461/documentation/24682775-32a61470-0a7d-4cb6-81d2-0b8740af89f1>

›folder

<https://crimson-trinity-596212.postman.co/workspace/617efff0-dead-4f89-88ba-ab8ee53dcf35/api/2be82dc6-aeb5-410a-be61-b913c6e19461/documentation/24682775-c9a425f2-89c4-4a1d-b76f-5c82e26a2053>

›note

<https://crimson-trinity-596212.postman.co/workspace/617efff0-dead-4f89-88ba-ab8ee53dcf35/api/2be82dc6-aeb5-410a-be61-b913c6e19461/documentation/24682775-5ade825a-97d5-42d6-b857-014f6087bd3f>

>pomodoro

<https://crimson-trinity-596212.postman.co/workspace/617efff0-dead-4f89-88ba-ab8ee53dcf35/api/2be82dc6-aeb5-410a-be61-b913c6e19461/documentation/24682775-2ea4b2a0-e2f1-43d2-8659-c503ef18e2ee>

>todo

<https://crimson-trinity-596212.postman.co/workspace/617efff0-dead-4f89-88ba-ab8ee53dcf35/api/2be82dc6-aeb5-410a-be61-b913c6e19461/documentation/24682775-943225bb-abfc-44f3-ba18-05050b33cef8>

>todoItem

<https://crimson-trinity-596212.postman.co/workspace/617efff0-dead-4f89-88ba-ab8ee53dcf35/api/2be82dc6-aeb5-410a-be61-b913c6e19461/documentation/24682775-8298c143-97ec-41c7-85cf-41ba0ed6a144>

>user

<https://crimson-trinity-596212.postman.co/workspace/617efff0-dead-4f89-88ba-ab8ee53dcf35/api/2be82dc6-aeb5-410a-be61-b913c6e19461/documentation/24682775-974155bf-8259-4242-8d37-2b39d1728e60>