

# PROCINAL

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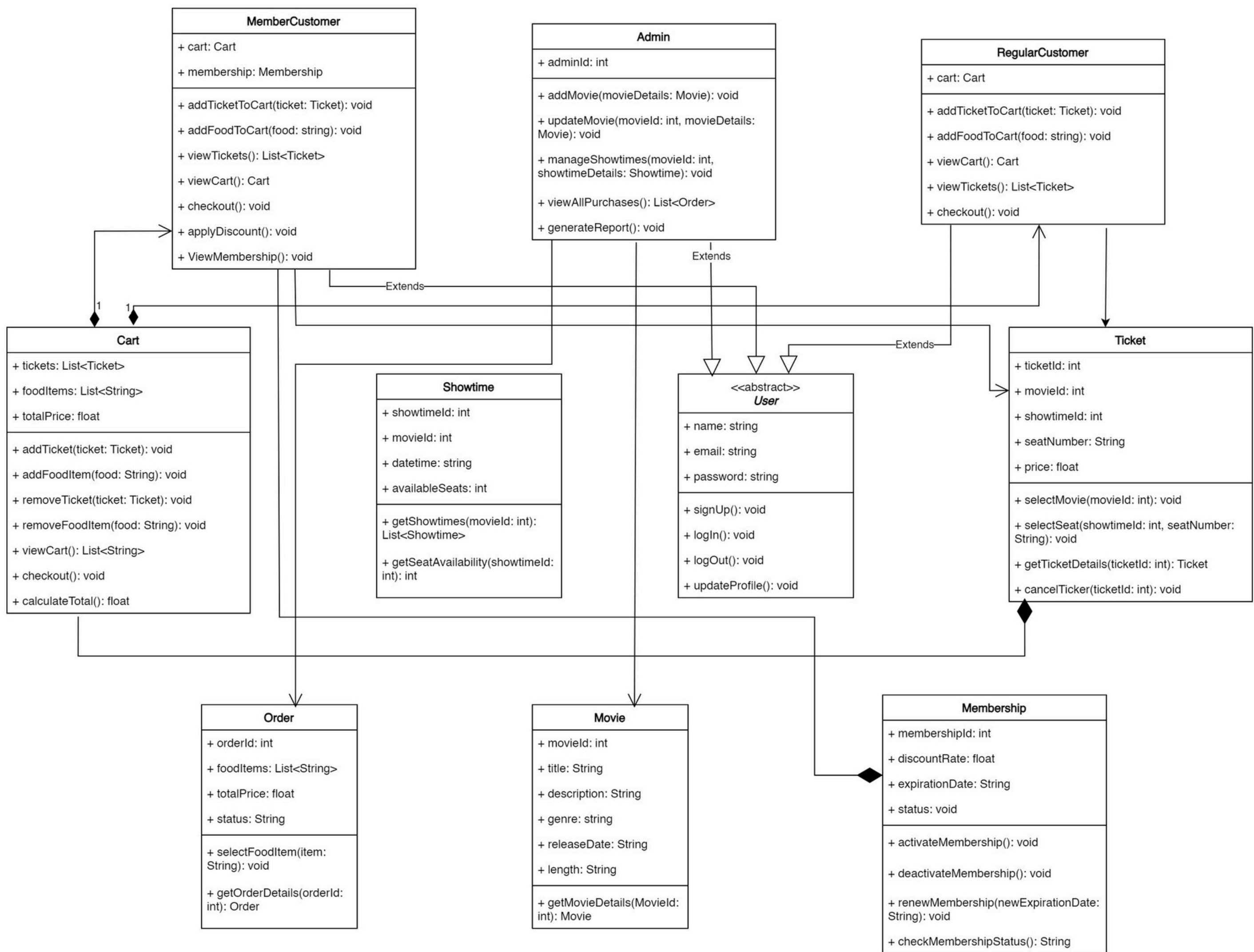
## Introduction

The main problem to solve is the long waiting times on a line when buying tickets and ordering food on a cinema, apart from wasting the customer time, this causes that not everybody get to buy the seats they wanted or in some cases not been able to buy a tickets due to it being sold out. There have been previos solutions to this problem like the website of Cinecolombia that allows the user to do all of these process online, the main challenge is to make the application achieve all of the users demands and trying to improve it taking into account the deficiencies of previous solutions.

## Goal

The main goal is to understand and solve the factors that causes the long waiting times at lines in the cinema.  
The expected final product is an CLI application that let the users to buy tickets and order food in the fastest way while also giving access to benefits in form of memberships linked to the user account, allowing to have advantages over regular users, and making an overall good experience to the user for it to keep using the application.

## Proposed Solution

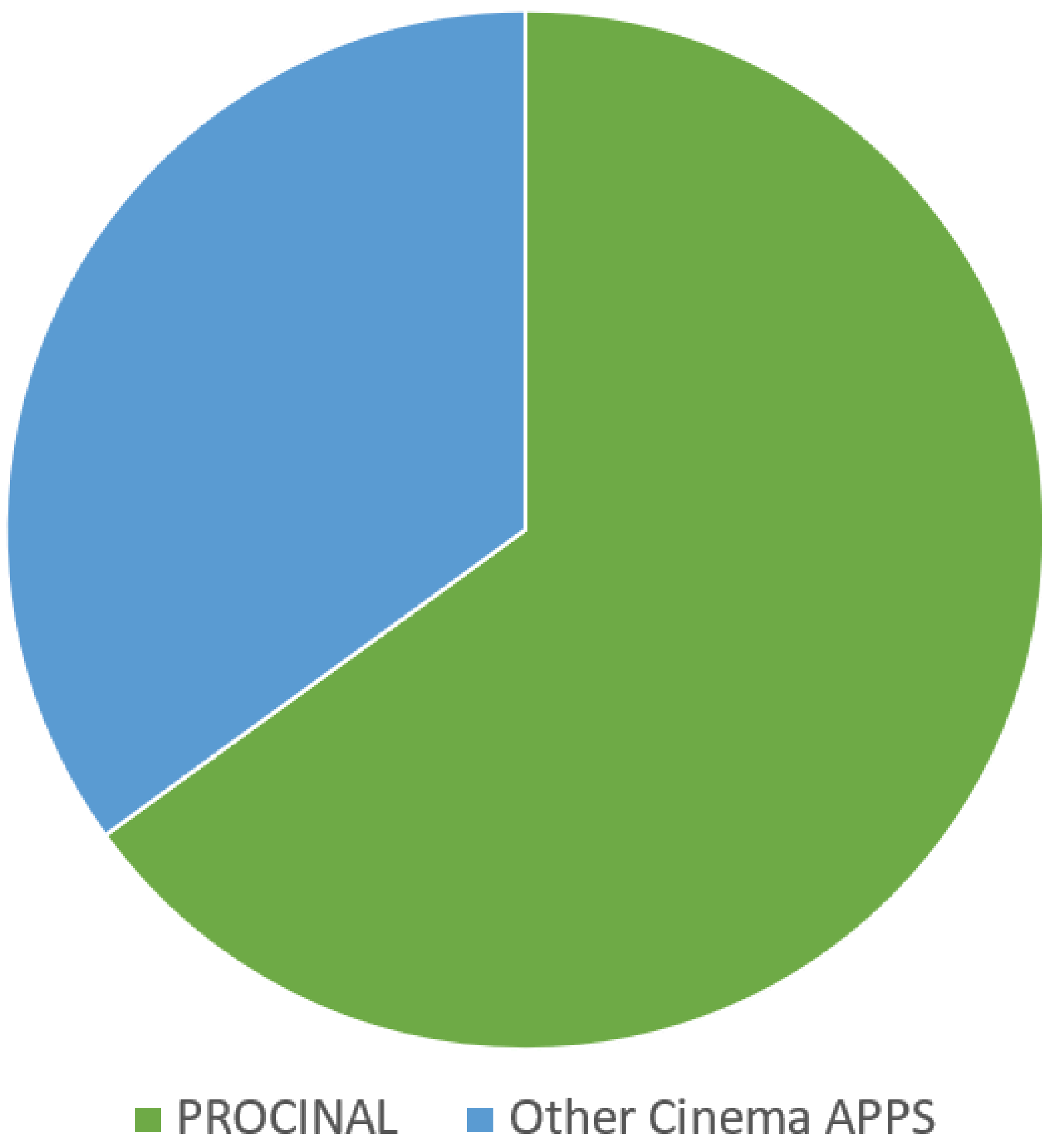


As said before the solution to the problem is an application, this diagram describes the disposition of the classes that make it up, it will be developed using Java for its great focus in OOP and Python for its ease to understand and it great portability, also including PostgreSQL for the data management.

## Results

The expected results we want from the application is that the customers feel better using our app in comparison to other apps, we want to achieve this improving features that other apps may be missing or that they have but not satisfy the users expectations.

Which APP do users prefer?



## Conclusions

The application manage to achieve the goal, solving the issue of long waiting times when buying tickets or food, also the problem of losing the best seats also due to long waiting times on the line, because when doing all of this online through the app the customers do not have to wait on a line for receive their tickes, and thanks to the membership they can secure special seats and discounts

## Bibliography

[1] E. Garcia. “Venta de entradas físicas vs venta de entradas online”. Premiumquest. Accessed October 2 of 2024. [Online]. Available: The main problem to solve is the long waiting times when buying tickets and ordering food on a cinema, one of the most relevant previous solutions is the Cinecolombia website that let the users to do all of this online.

[2] KeepCoding. “Ventajas y desventajas de Python”. KeepCoding Bootcamps. Accessed October 2 of 2024. [Online]. Available: <https://keepcoding.io/blog/ventajas-y-desventajas-de-python/>

[3] M. Duran. “Ventajas y desventajas de Java que debes conocer”. Blog de HubSpot. Accessed October 2 of 2024. [Online]. Available: <https://blog.hubspot.es/website/ventajas-desventajas-java>