PODCAST PLATAFORM

PODCAST

1 INTRODUCTION

This project consists of the creation of a platform that allows uploading Podcasts of free themes, and being able to make playlists with them

2 GOAL

The objective of this project is to create the backend of a podcast platform that can work for any related application, with the help of python and different libraries, we will also use subject knowledge such as design patterns. We want to make the application scalable and that it can be used by anyone who needs it.
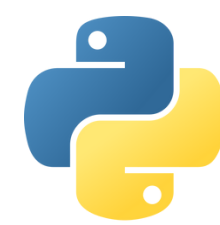
3 METHODS

It is developed collaboratively between two colleagues who work together, regular meetings will be held to review the progress of the project and errors that may arise. A version control repository will be managed to facilitate collaborative work. In addition, the decisions and important steps taken during the project will be documented.

4 MATERIALS

- Python
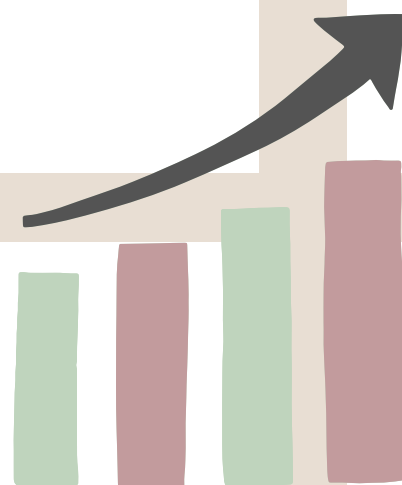- MySQL
- Faker
- Pytest
- Django
- PostMan

5 EXPERIMENTS

Our Backend testing approach will be based on a combination of unit testing, integration testing, and API testing. We will utilize the Pytest framework for writing and executing unit and integration tests, as well as the Postman platform for API testing, additionally, we use Faker library to generate realistic test data.

6 FUTURE

We will start with the development of the application, one or more objectives are set that the group will try to achieve in the week, in each phase of the project both unit tests, integration and API tests will be carried out if necessary, in the end to achieve the goal of creating the backend of a podcast platform that can be used by anyone.