

# Development Planning

## On this development planning you will find:

- The technologies proposed for the prototype development and a brief explanation to justify such choices.
- The estimated time to each part of the process.
- Features.

## Features:

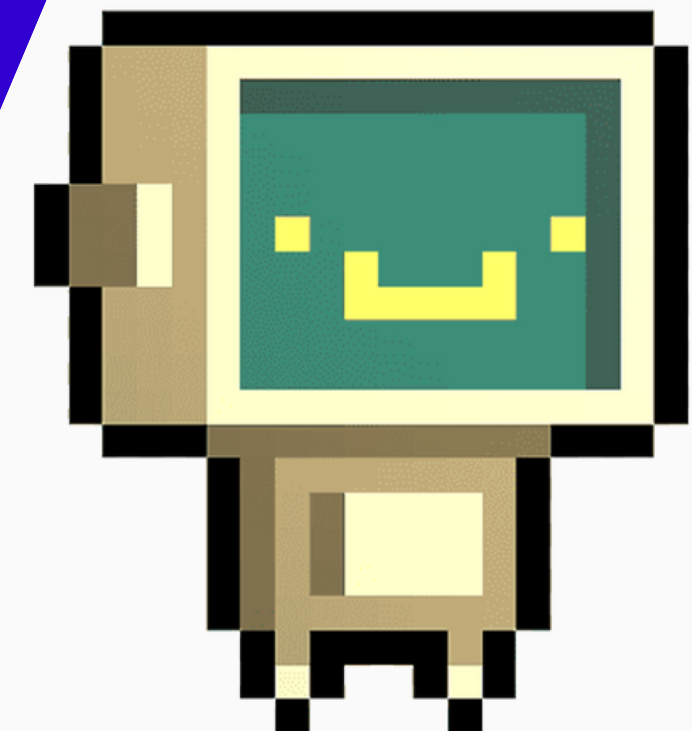
- Easy and standardized way for sellers to register their sales.
- Access to a Main Sales List where everyone using the app can see all the sales registered and ranked by the seller with the highest amount sold.
- The ability to edit or remove a specific sale that might eventually be added with wrong data.

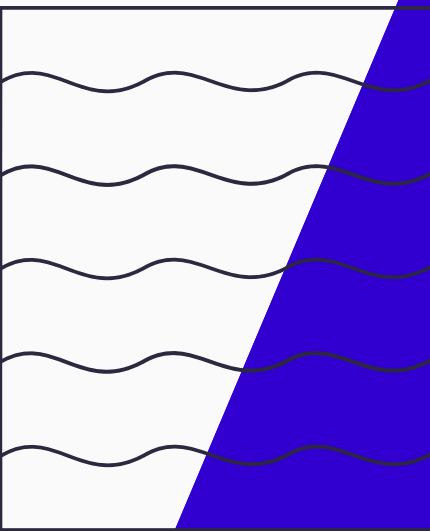
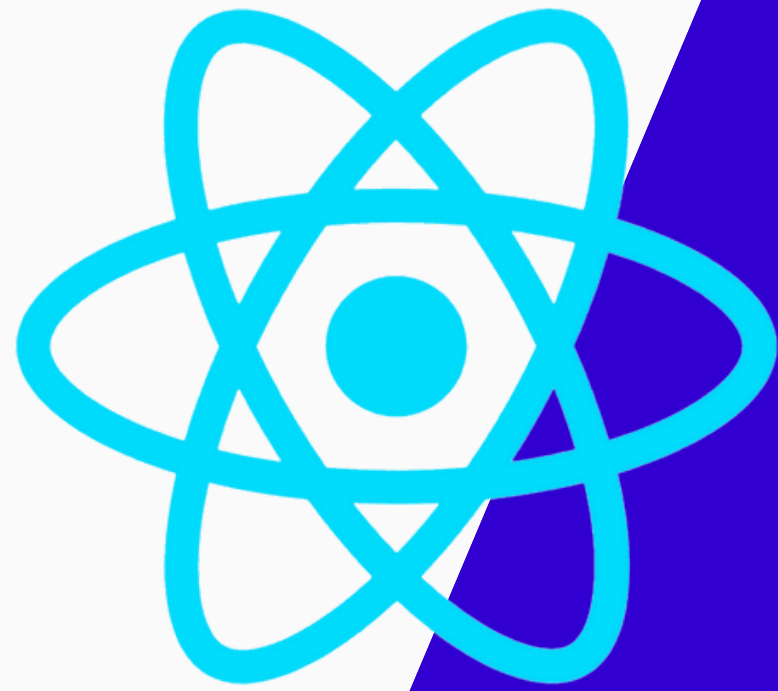
## This plan will be divided in two parts:

- Front End.
- Back End and Database.

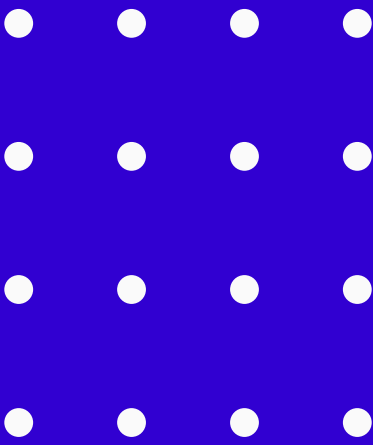
## Deploy and testing estimated time:

- One week.





# Front End



## Language and framework:

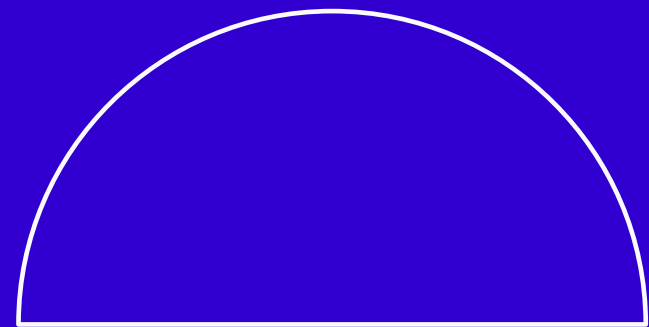
- Typescript.
- React.

## Why React?

- React is a free and open-source front-end JS library.
- Its remarkably flexible.
- Has a large development community.
- Offers reusable components.

## Front-end estimated development time:

- Two weeks.

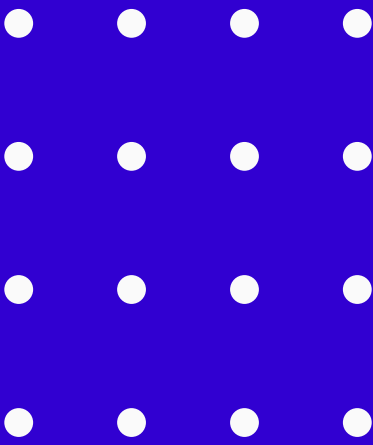




# Back End and Database

## Language, framework and database:

- Python.
- Fastapi.
- PostgreSQL.



## Why Fastapi?

- Fastapi is a open-source modern framework.
- It's fast! (compared to other python frameworks).
- And its fast to develop, and yet powerful.
- Great documentation.
- Uses modern python libraries.

## Why PostgreSQL?

- Highly reliable.
- Stable.
- Scalable.
- Secure.

## Back-end estimated development time:

- One week.

## Logic prototype:

- [Github repository](#).

