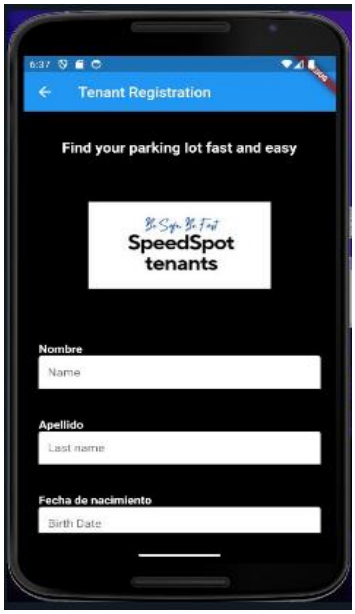
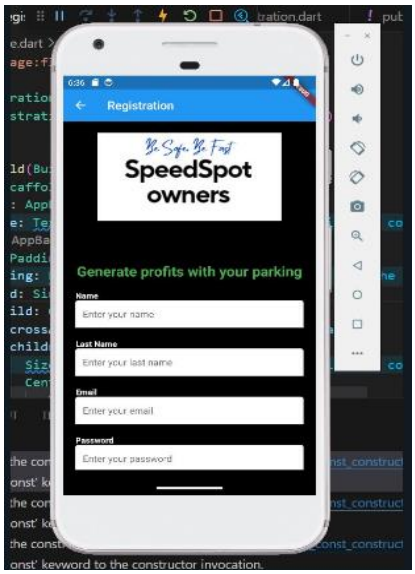
PRD APIs and of the first frames

Product Description

Frames

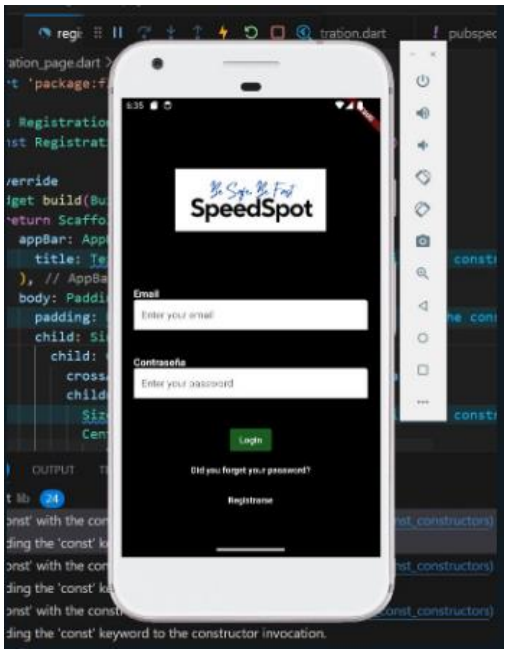


Speaking of the frames generated so far, we have what the registration as a tenant is, here are the fields that the tenant must enter, in order to become part of the application and search for the most accessible parking areas for him.



We also have what is the registration for the owners of the parking areas, here will be shown the fields that they must fill out, in order to enter the application, as parking service providers.

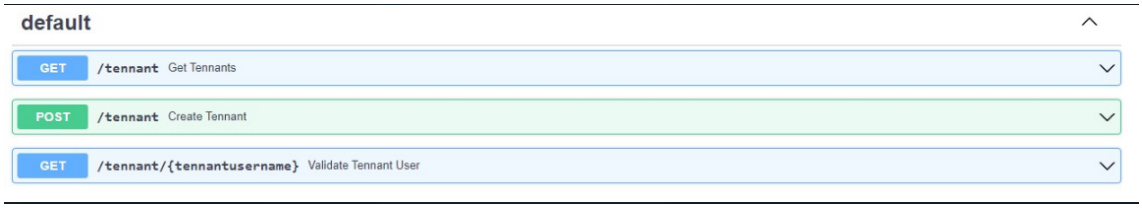
After completing the registration, and validating the data entered by the tenant, a frame will be given on the successful registration of this process, showing in a box what would become, a notification to the user indicating that the registration was successful



After having been able to register in the application, the data entered is validated, and the system displays the message that the registration process was completed successfully, you can see the login frame to access the system. It also has help for the user, in the event that they forget your password (did you forget your password), or do not have an account.

APIs

We have GET and POST methods that allow us to access specific information, such as the POST method shown in the following image:



What it allows us is to create a new user as the owner of the parking area within the system

Where information such as your ID, your names, date of birth, username, password, email, and the score with which you are qualified according to the criteria of the tenants who request the parking area will be stored.

FUNCTIONAL REQUIREMENTS

- User registration: Users will be able to create an account in the application, providing their personal information and search preferences.
- Search for parking areas: Users will be able to search for available parking areas in real time, using filters such as location, type of parking (street, private parking, blue zone, etc.) and availability.
- Visualization of results: The application will show the search results in the form of a list or map, providing detailed information about each parking area, including rates, hours, ratings and comments from other users.
- Reservation and payment of parking spaces: Users will be able to reserve and pay for parking spaces through the application, guaranteeing their availability upon arrival at the location.
- Rating and reviews: Users will be able to rate and leave comments on the parking areas they have used, sharing their experience with other users.

NON-FUNCTIONAL REQUIREMENTS:

- Performance: The application must be fast and efficient, providing search results in real time and minimizing load times.
- Usability: The user interface must be intuitive and easy to use, with an attractive design that provides a smooth and pleasant experience for users.
- Security: Security measures must be implemented to protect users' personal information, as well as to guarantee secure transactions in case of online payment.
- Availability: The application must be available 24 hours a day, 7 days a week, to allow users to search for parking spaces at any time.
- Scalability: The distributed database must be able to handle a large volume of information and concurrent users, without compromising system performance.
- Integration of external APIs: The application must be integrated with external APIs of map and geolocation services to provide accurate and updated results.