

Ciro Russo
Emanuele Nardone

Metro do Porto

Product Overview

The aim of this project is to realize an interactive mockup of the app for the Porto's Metro system.

Introduction

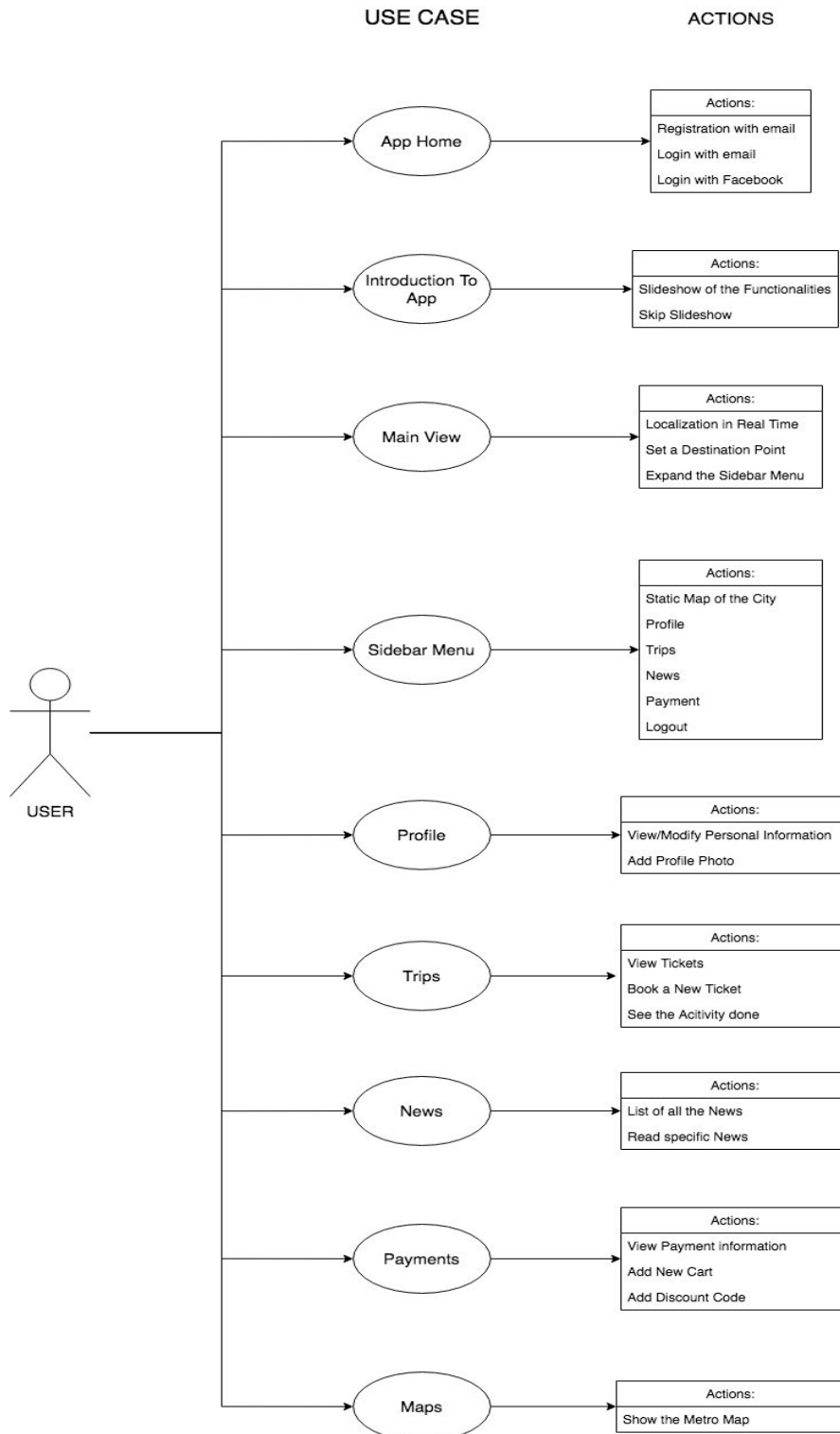
In the image below we put the screenshot of the introduction page of the app.

We have assumed that, for use the app, it's mandatory to make a kind of registration, via email or facebook account.



UML and USE CASES

In this Diagram are represented all the Use Cases we developed and their respective functionalities (actions available) that will be presented in the following sections.



First Story

- Registration with email;
- Login with email;
- Login with Facebook;

Description:

For the first time, in order to use the services of the "Metro do Porto" app, you need a registration.

The Registration operation requires the insertion of personal data, such as: name, surname, email and password.

If you already have a registered account (you are not logged in for the first time), you can directly access the services of the app.

To speed up access, the user can choose to Login through Facebook credentials.

After logging in (in the way that is considered most suitable), the user is presented with a short "Get Started" slideshow of all the functionality of the application, which you can skip.

After that, you can start using the app.

Actions:

Registration with email:

- Click on the "Email" button
- Click on the "Sign Up" banner
- Enter personal data

Login with email:

- Click on the "Email" button
- Click on the "Sign In" banner (default banner)
- Enter Email and Password

Login with Facebook:

- Click on the "Facebook" button
- Enter access data

Videos:

Story 1_ Registration+Login.mp4

Story_1_Facebook.mp4

Second Story

- Profile Configuration

Description:

After logging in correctly in the manner that is most appropriate, the user can configure his personal profile, adding a profile photo and some personal data such as: home address and work address.

Actions:

To perform the operation described before:

- Click on the Menu Bar icon (top left)
- Click on the "Profile" item
- Add image (top right)
- Enter personal data

Video:

Story 2.mp4

Third Story

- Payment Configuration

Description:

In order to use and purchase tickets, you need to add a payment method.

For security reasons, access to the payment section is granted through Fingerprint Scanner.

Actions:

To perform the operation described above:

- Click on the Menu Bar icon (top left)
- Click on the "Payment" item
- Fingerprint Scanner
- Add Card (top right)
- Enter card details

Video:

Story 3.mp4

Fourth Story

- Check Payment Configuration
- Check Profile Configuration
- Check out the Metro news

Description:

The User can check his profile and the payment method inserted at any time.

Furthermore, if he deems it necessary, the User has the opportunity to have a look at all the news on Metro mobility in real time.

Actions:

Check Payment Configuration:

- Click on the Menu Bar icon (top left)
- Click on the "Payments" item
- Touch ID
- See the payment details

Check Profile Configuration:

- Click on the Menu Bar icon (top left)
- Click on the "Profile" item
- See the profile details

Check out the Metro News:

- Click on the Menu Bar icon (top left)
- Click on the “News” item
- Click on each news to read better

Video:

Story 4.mp4

Fifth Story

- Trip Simulation

Description:

The user decides to plan an itinerary, then first he must locate himself through the command "Find your Position" and enter the destination in the text box "Where to".

Then the User can see the itinerary in detail, start the navigation and pay the travel ticket, using the payment method previously configured.

Near the station you will receive a message to remind you to validate the travel ticket through NFC.

During the trip, a QR Code button will be available in case the Metro Ticket Inspectors ask for the ticket.

Once you arrive at your destination it will be possible to give a rate for your trip from 1 to 5 stars (I recommend 5 stars).

Actions:

- Click on the "Find your Position" logo (bottom right)
- Insert destination "Where to" (up)
- Click on the arrow to the right of the destination to see the itinerary
- Click on the symbol at the bottom right to see the itinerary in detail
- Click on the green button to start the itinerary
- Do the Payment
- Validate the Ticket (NFC)
- Show QR Code for the validation of the Ticket (bottom right)
- Click "Done"
- When you arrive at your destination, click "Done"
- Travel evaluation

Video:

Story 5.mp4

Sixth Story

- Check ticket last trip
- Check Activities during the day

Description:

By accessing the "Trips" section of the menu, the user can check the ticket of his last trip and see his activity during the day.

In the Activities there are the quantitative details of the movements made, how many walking and how each subway line has been used. .

Activities are divided into daily, weekly and monthly banners.

In addition, by checking the ticket you can see its details, including the QRCode shown during the trip.

Actions:

To perform the operation described above:

- Click on the Menu Bar icon (top left)
- Click on the "Trips" item
- Click on "Check Activity" (top right)
- Click on the "Today", "Week", "Month" Banners
- Click on the arrow at the top left to go back
- Click on "Ticket"
- See Details
- Click on the arrow at the top left to go back to the Menu

Video:

Story 6.mp4

Seventh Story

- Book a new ticket
- Add a discount code

Description:

The user can book a new ticket for a specific day in the future by tapping to "Trips" , "New Ticket" section and entering the details of the trip that he plans to book.

You are given the opportunity to add a discount code (which must be added before making any payment), from the "Payments" section.

Actions:

Add a discount code:

- Click on the Menu Bar icon (top left)
- Click on the "Payments" item
- Touch ID
- "Promo Code" (top right)
- Click on "+" (bottom right)
- Insert Discount Code
- Click on the arrow at the top left to go back
- Click on the arrow at the top left to go back to the Menu

Book a New Ticket:

- Click on the Menu Bar icon (top left)
- Click on the “Trips” item
- Click on “+” (bottom right)
- Enter your travel details
- Click on “Continue” to complete the operation and make the payment
- Click on the arrow at the top left to go back to the Menu

Video:

Story 7.mp4

Eighth Story

- Check for upcoming trips
- Check the ticket details

Description:

The user can check the payments made from the "Payments" section and he can view the tickets details from the "Trips" section.

In the "Trips" section there are two banners:

- History: the tickets consumed
- Upcoming: the tickets purchased for future travel

Actions:

To perform the operation described above:

- Click on the Menu Bar icon (top left)
- Click on the "Payments" item
- Touch ID
- Look at the tickets already paid
- Click on the arrow at the top left to go back to the Menu
- Click on the "Trips" item
- Click on the "Upcoming" banner
- Click on "Ticket"
- Click on "Details" (top right)
- Click on the arrow at the top left to go back to the Menu

Video:

Story 8.mp4