



NOVA SCHOOL OF  
SCIENCE & TECHNOLOGY

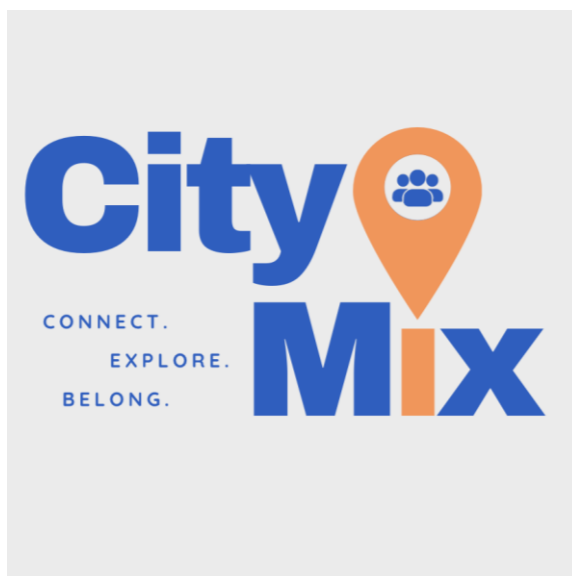
## Interação Pessoa-Máquina

2024/2025

# CityMix

---

### Stage 3: 1st prototype



#### Authors:

70411, Beatriz Rosas  
70500, Renata Henriques  
70501, Joana Monteiro  
70572, Catarina Pedroso

Lab class Nº P2

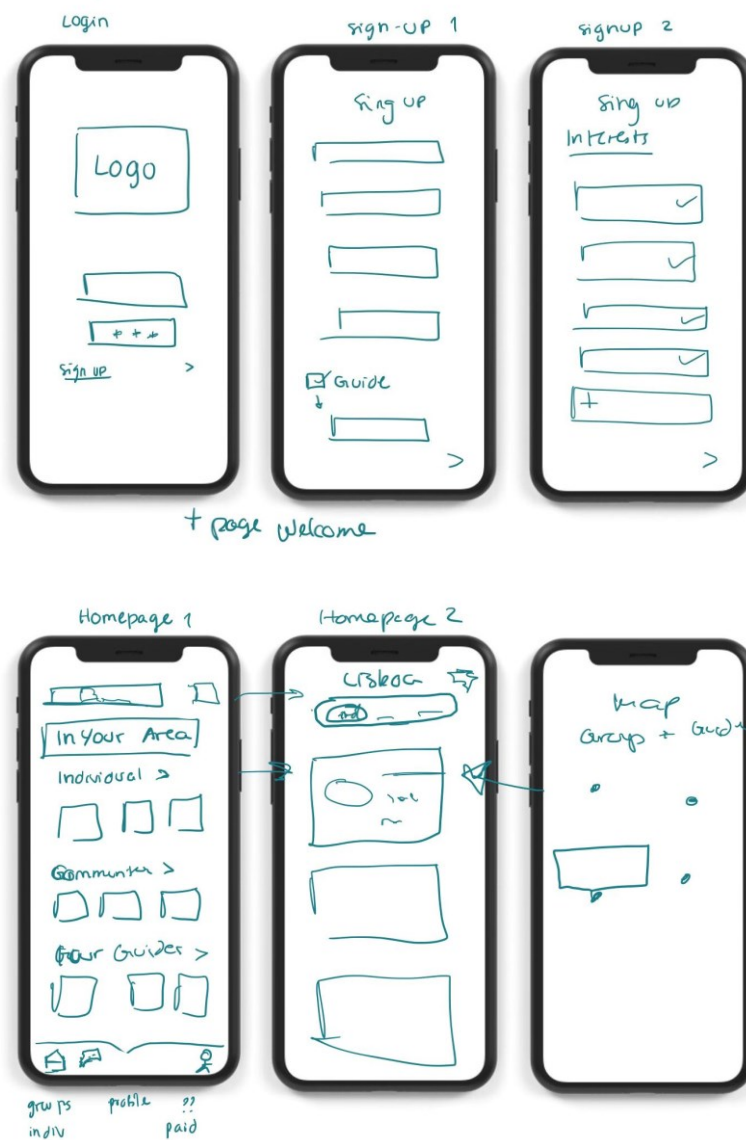
Group Nº 12

**Professor:**  
Teresa Romão

October 2024

## Sketches:

At this stage, we started by planning which screens and interface elements *CityMix* should have to perform the tasks we previously decided our app should do. We drew sketches for the main screens.



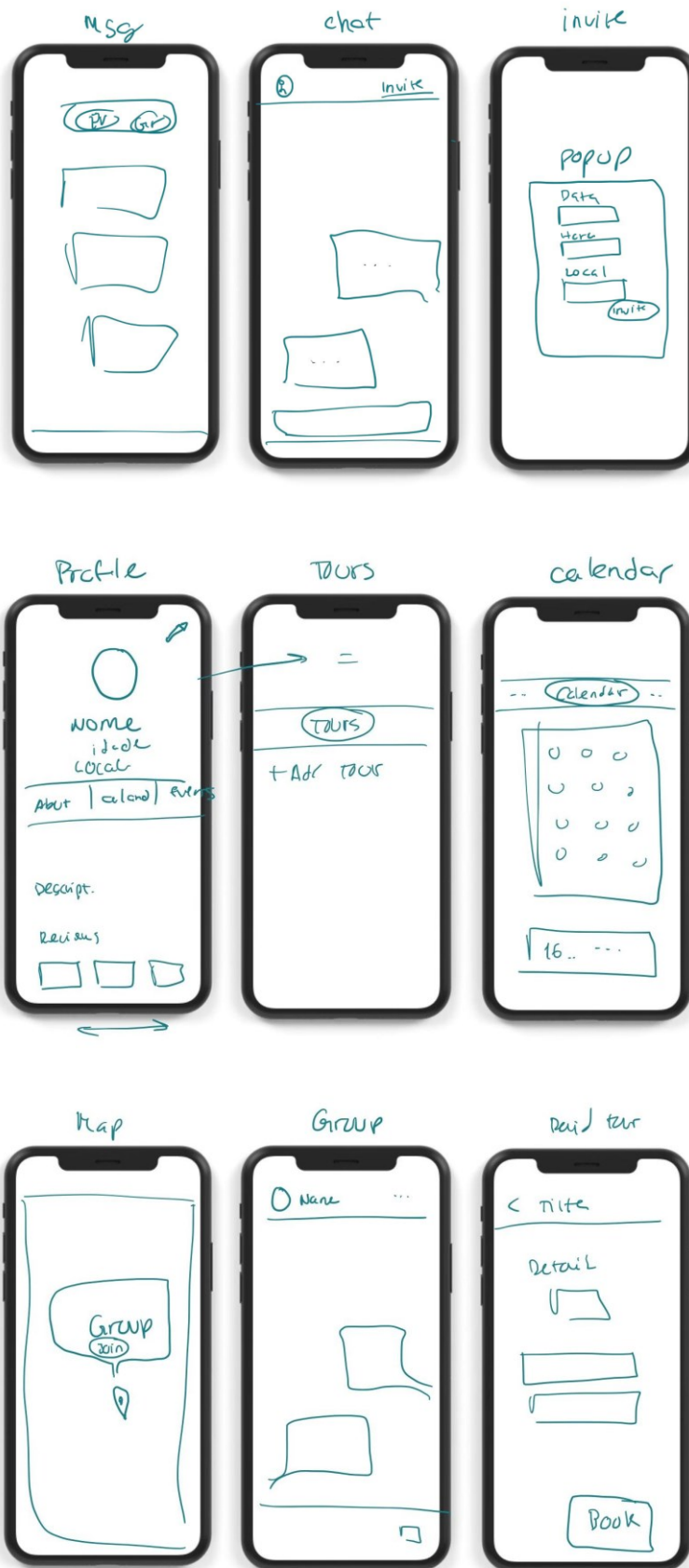


Fig.1 – Sketches

## Prototype photos:

After the sketch stage, we started to develop the first prototype by drawing each screen of *CityMix* with both static and dynamic elements. After that, we tested our app with users to collect some feedback about our interface.

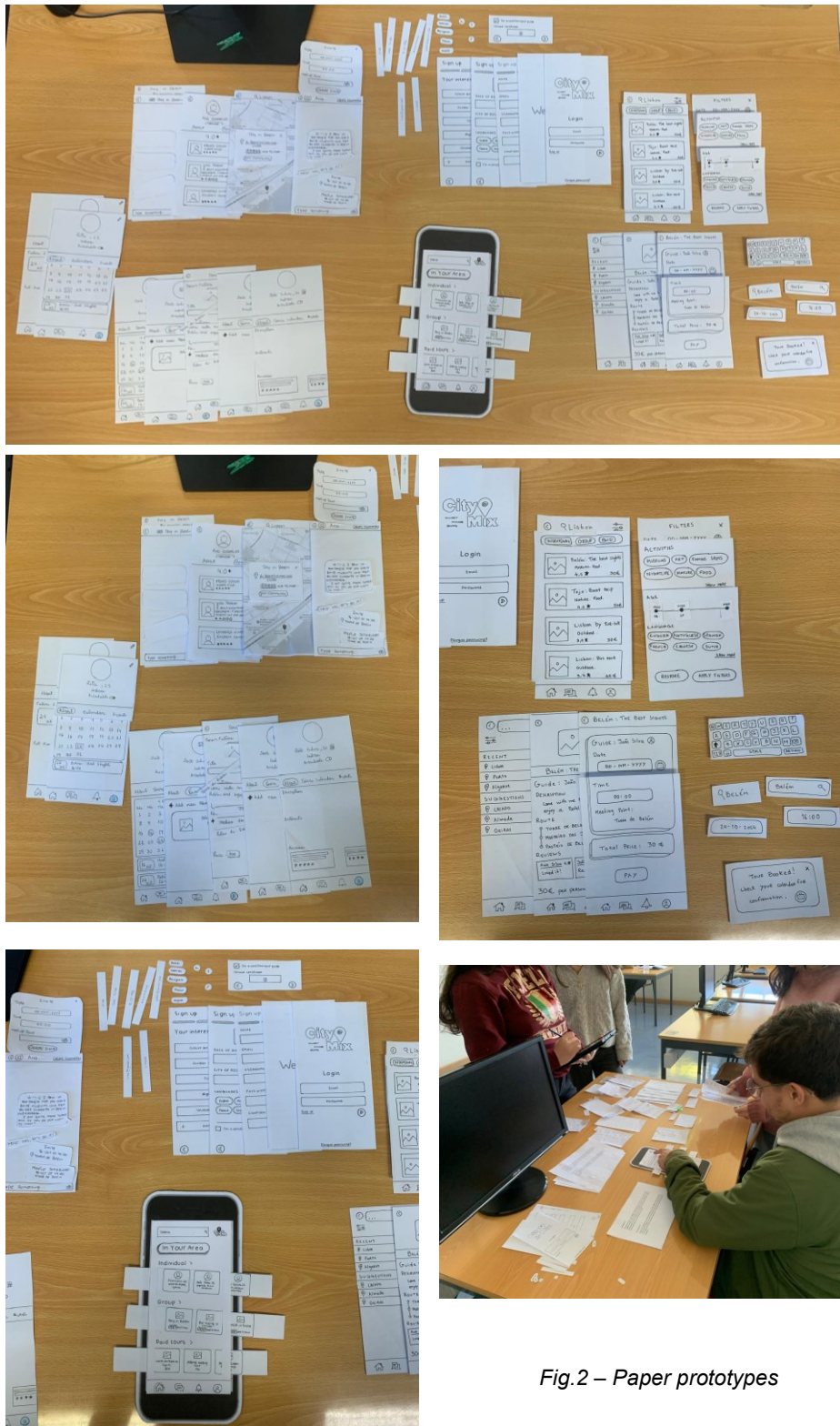
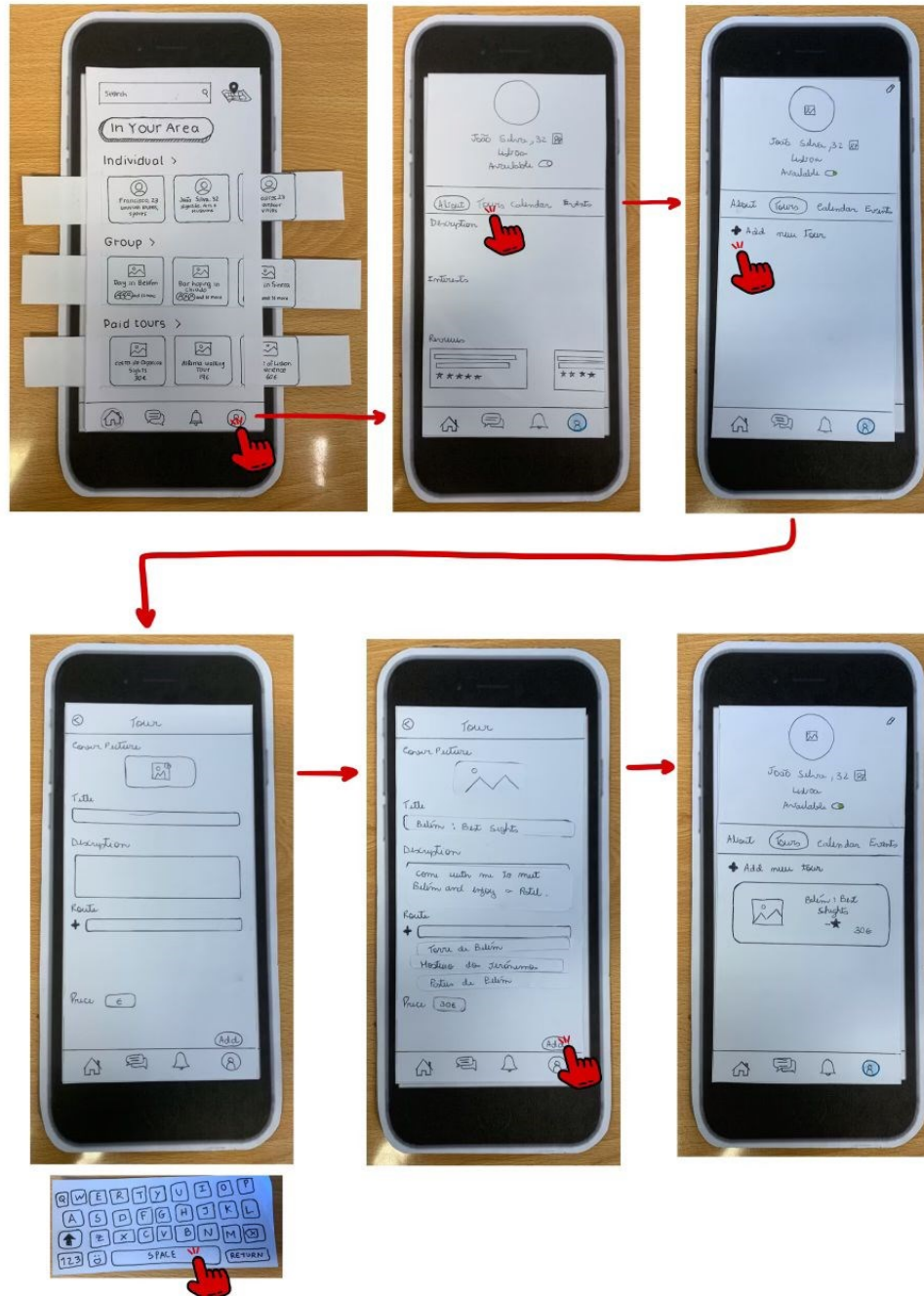


Fig.2 – Paper prototypes

## Storyboards:

The next storyboard illustrates the task of creating a new tour guide package (paid tour) by a tour guide user.



*Fig.3 – Storyboard*



## Briefing:

**CityMix** is an app created to promote tourism and to increase the connection between tourists and locals. Thus, it supports 3 main features: tour guides can promote their work reaching a greater number of people, facilitates the communication between tourists and locals to make them experience the culture of the country in a deeper level, and search for communities of people interested in exploring the city together.

## Scenarios:

### Scenario 1:

You are a tour guide that wants to promote your work on CityMix. After you create your profile, add a new tour guide package to your profile that includes visiting “Belém”. In the package, add the name “Belém: The Best Sights”, an image, the route and the price.

### Scenario 2:

Search for available users above 20 years old to visit “Belém” with. Check Ana’s profile and her reviews. Then, start a conversation with her and schedule a meet up for October 16<sup>th</sup> at 2pm during the conversation. Check your calendar with the new schedule.

### Scenario 3:

You’re planning a tour guide to visit “Belém” that includes visiting museums and food. You need to book a tour for October 24<sup>th</sup> at 4pm and pay for it. Use CityMix to find the best deals below 60€. After you booked, check your calendar for the schedule.

### Scenario 4:

Search on the map for a community created in “Belém” area, more specifically near the Electricity Museum and join the community. Also, check the details of the group.

## Observations:

When testing our prototype, users found some usability problems. The first one was related to the creation of a new tour guide package. When they were on the home page, they tried to search for a button there to create the tour package instead of clicking on the profile page and create there the new tour package. A possible solution we discussed was adding a plus button (“+”) next to the “Paid Tour” section. Another problem we found was when creating a tour, in the section where we specify the places to visit (the “Route” section), people thought that it would be easier if there was a map where they could see the route or maybe to change the section name into something like “Main Attractions”.

On the map, when searching for a group, instead of being highlighted with a pin icon, (because that could be mistaken with their own location), the group could be highlighted with the CityMix logo.

After creating an event with someone in the chat message and the other person accepting it, people were also expecting that the popup “Meetup Scheduled!” had a button where it would lead them directly to their calendar. The last problem we found was related to group chats. When the event of the group has already happened, the group should be removed automatically. Besides that, when someone intends to leave the group, the “Exit community” button should be more discreet. Maybe add the button next to the “Photos” button.