

Duo application

Design document



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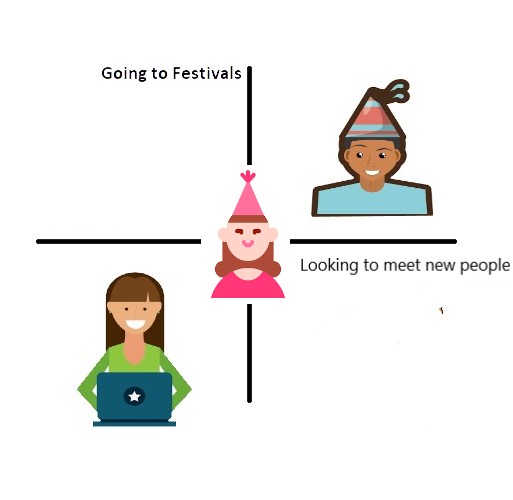
Project Description

We decided to create an application that brings people together who like going to parties/concert but doesn’t have any buddy to go with. Our application will be able to find a random buddy for you based on the party you have selected or a specific buddy you have chosen. It can also be used for people who are interested in joining the local parties and see real time location of their buddies.

# User study

## Target group

Party goers, people who want to explore new places in the city, people who want to join an event but prefer to find a partner who they can go with first.



## Persona

|  |  |
| --- | --- |
| Gender: Male  Name: John  Age: 21  Working position: College student  Background:  John is an expat in the country and wants to explore events – parties in particular, that he is interested in. He doesn’t feel comfortable going to parties where he doesn’t know anyone. He always goes to parties with groups of friends but he doesn’t know any people in his new social environment that share the same interests as him. He wants to find more people that he can hang out with and create connections based on his passions.  Motives:   * New in the town and wants to explore new places and meet new people * Doesn’t know many people with the same interests as him and want to find friends based by the type of events that he is interested in   Goals:  - Create new connections with people  Applications that he uses:  Facebook, Instagram, Spotify, Meetup |  |

## User Case

Task name: Find a party and a party partner

Task goal: To find a party and a party partner from a list of events and members

Precondition:

* User must have an account
* User must be signed in

MSS:

1. User selects the city where he wants to join a party or he continues to step 2
2. User selects the type of party that he is interested in joining or he continues to step 3
3. User selects the specific time period for which he wants to find a party
4. User clicks the button “find party”
5. The system gives back information to the user based on the features that he has selected
6. User chooses a party that he is interested in joining and clicks the “Join” button
7. System gives to the user information about the party and it shows its participants
8. User requests a party partner or decides to cancel

Extensions:

4a. User has selected a city

* The system shows the parties that are present in that specific city and time

4b. User doesn’t select a period that he wants to see the parties for

* The system shows all the parties that are present in the selected city

8a. User decides to find a party partner from the list of the members for that specific party

8b. User chooses to find a party buddy on a random generator

* System gives back a profile of a party partner

Task name: Create a party

Task goal: To create a party using the application

Precondition:

* User must have an account
* User must be signed in

MSS:

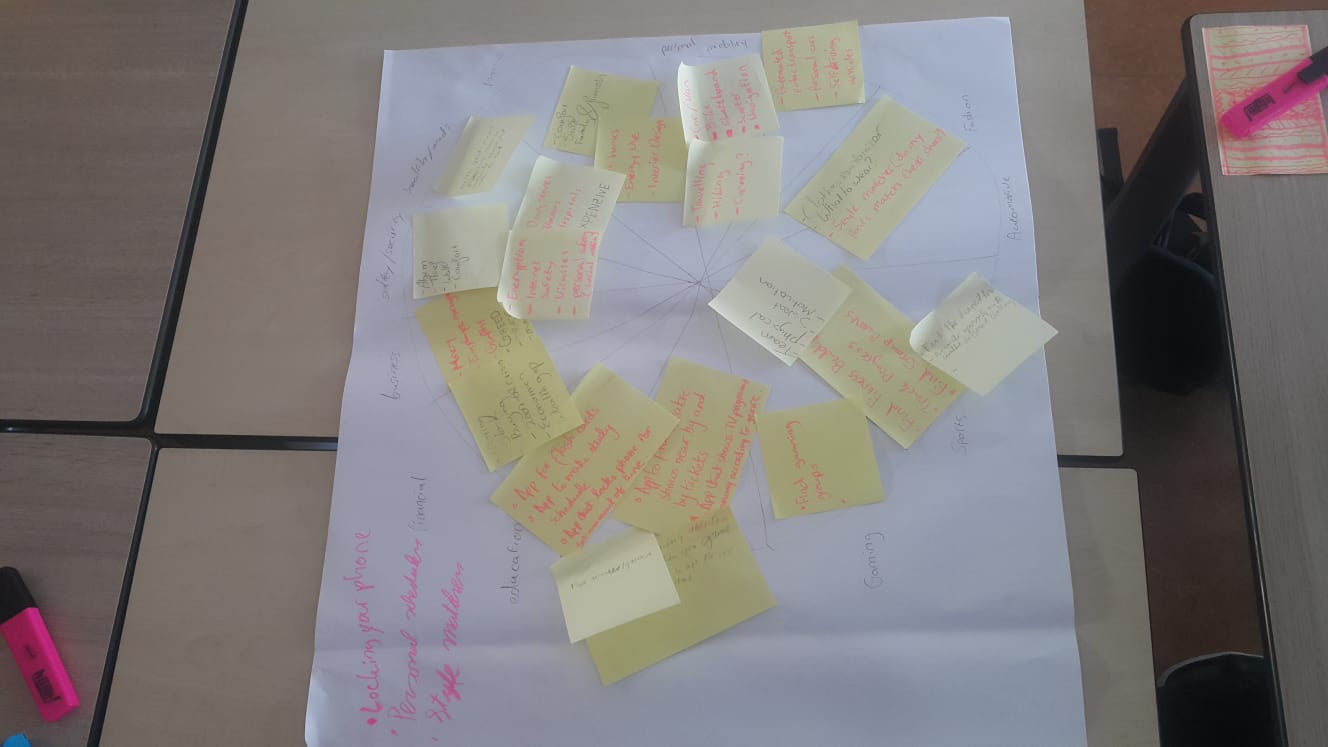
1. User clicks the button for adding in the Main screen
2. System displays the “Add event” page
3. User fills in the details for the party that he wants to create
4. User clicks the button “Add party”
5. System gives back a notification that the party was created

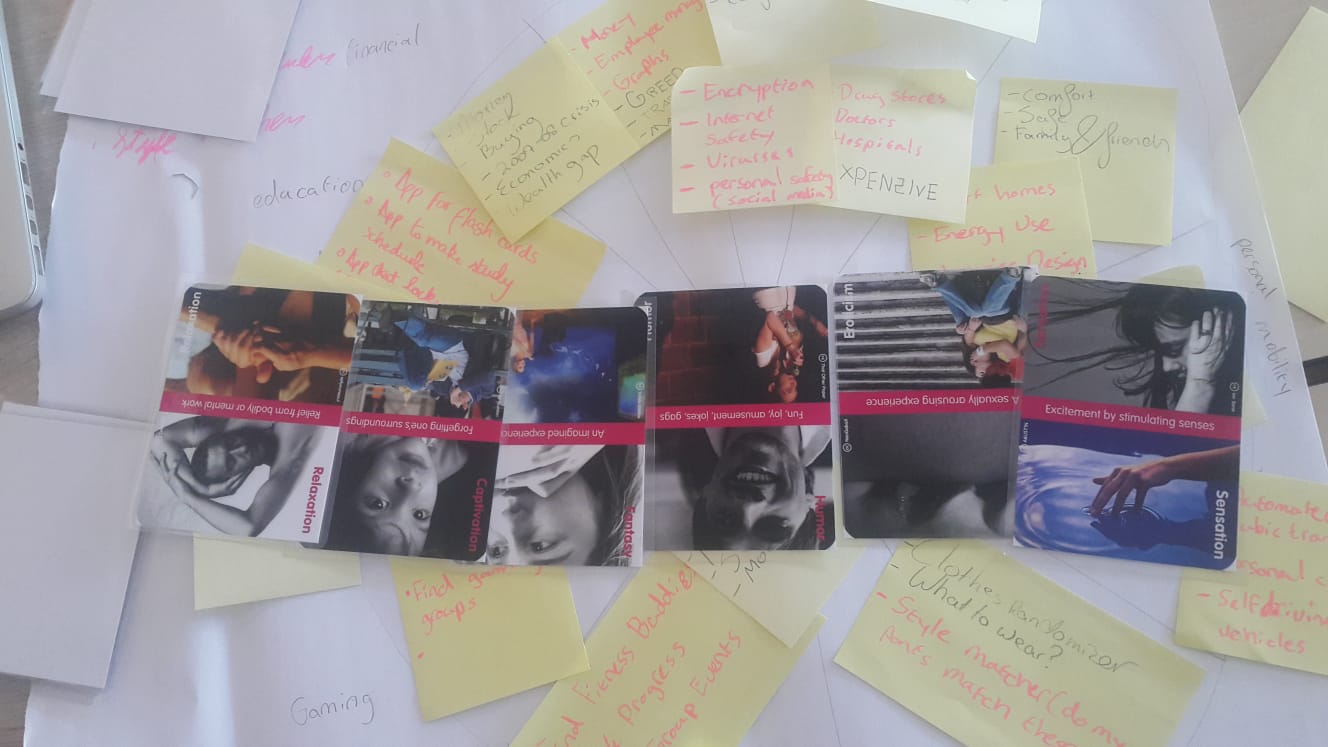
Extensions:

4a. User hasn’t filled in one of the fields

* System displays a message that he has to fill it in
* 9a. If information is invalid
* System shows error message

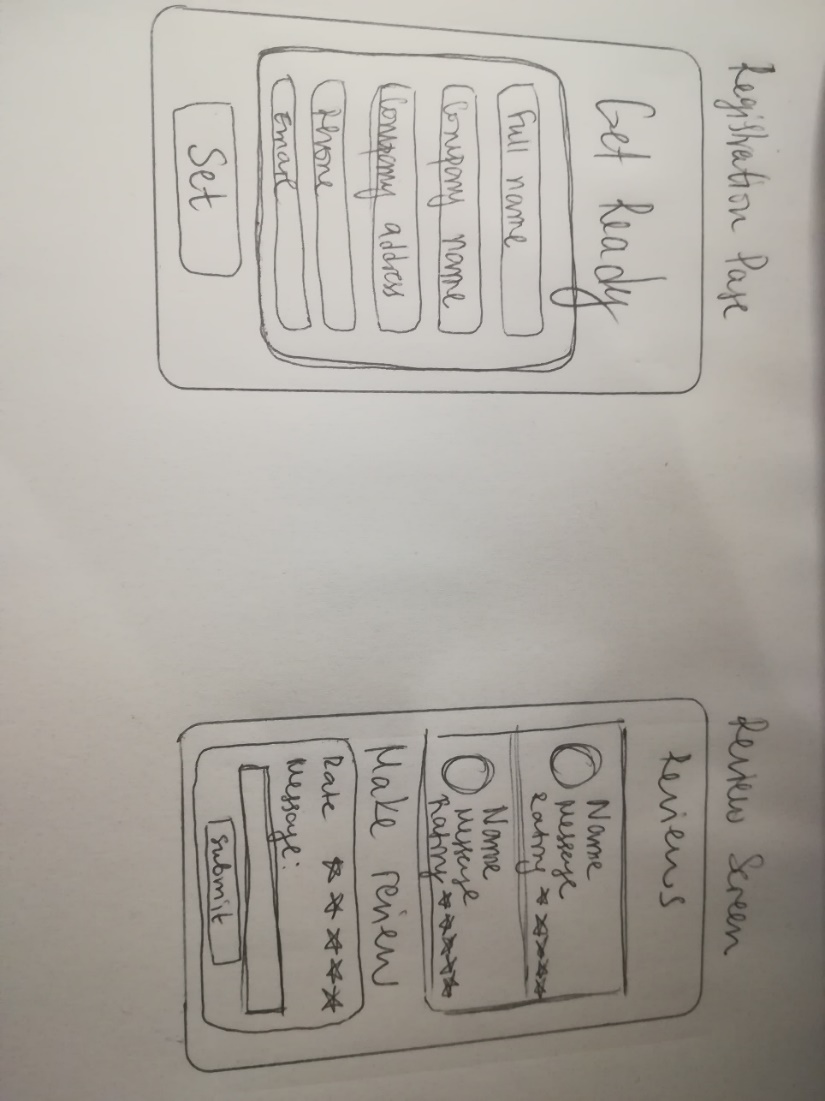
Brainstorming Sessions

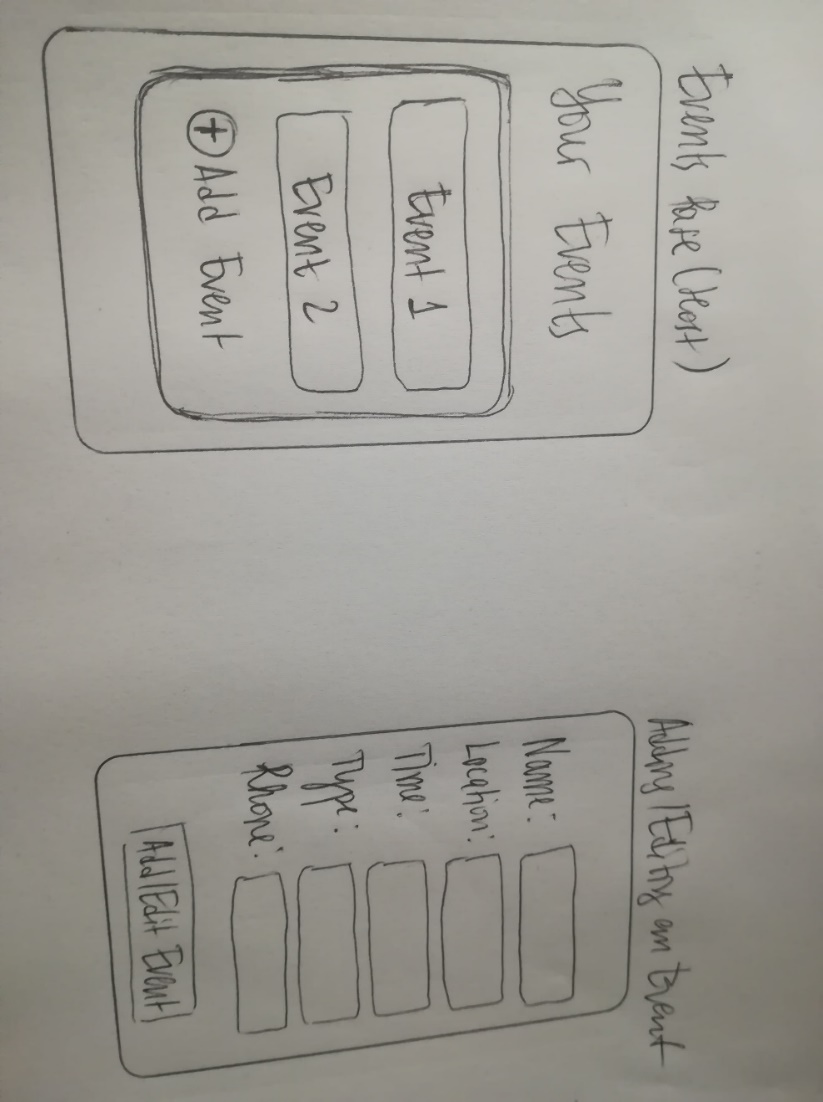


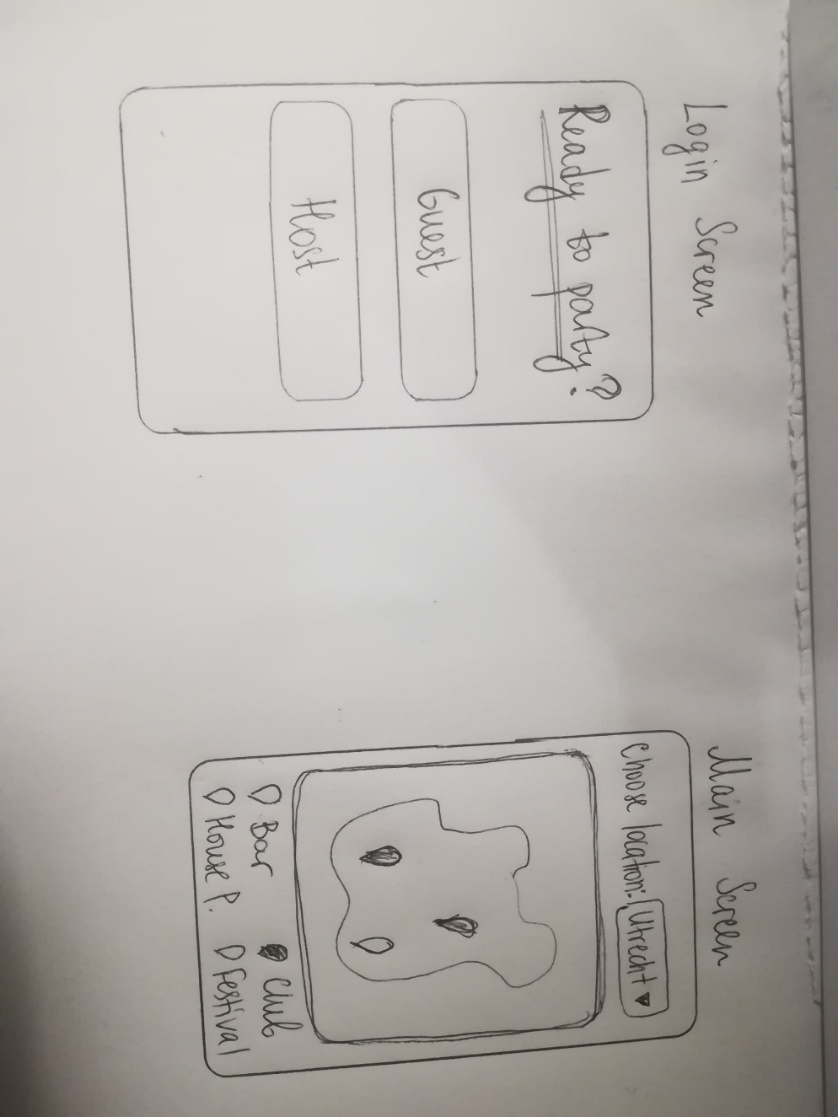


# Design First cycle

## First Sketches

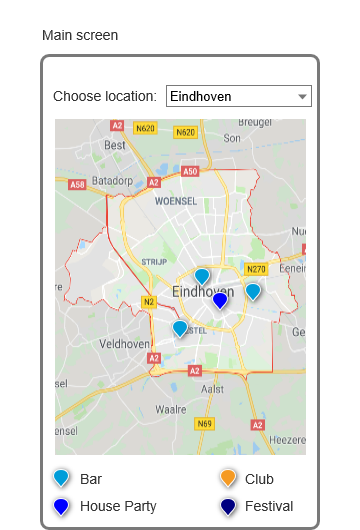






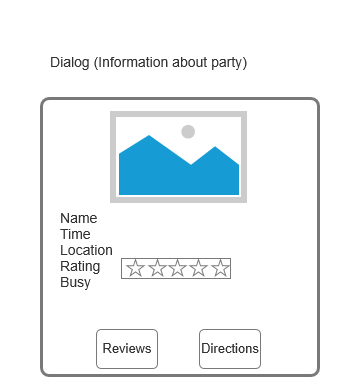
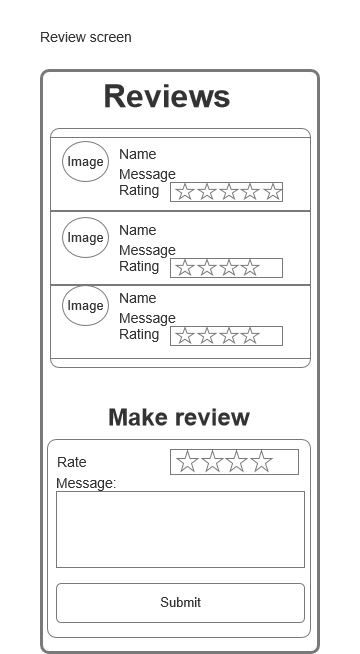
### Wireframes

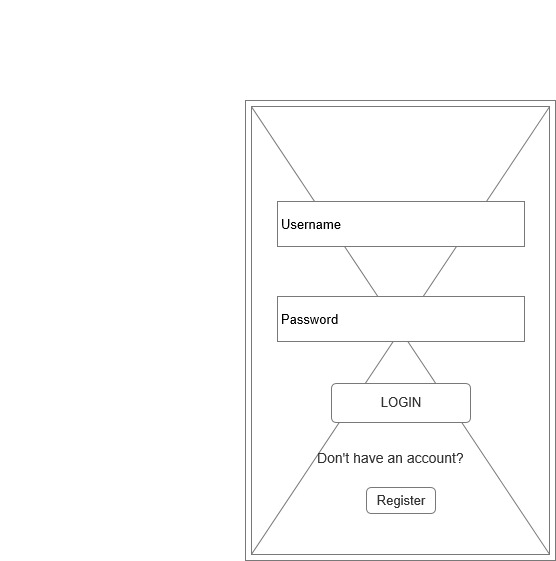
### Login Page Main screen



As you can see in the screenshot above there is a login page and a map with different dots, each dot represents a type of party where the user can filter them by clicking on the dots under the map. If a user clicks a dot on the map, a dialog will open with information about the event and the user can choose to get reviews or direction of the party.

### Event dialog page Review page



Host Login page Host registration page

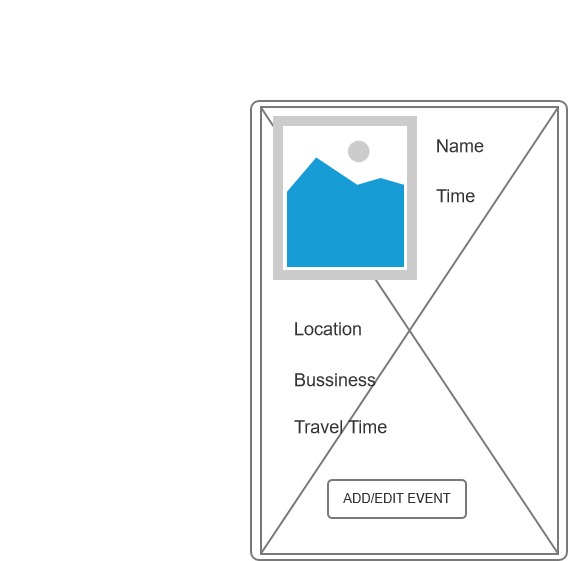
As explain above, when the user clicks a dot on the map a dialog will open with information about the event and the option to see the reviews and directions.

For the review page the user can see all the ratings of each user or they can create their own review.

In the screenshot above you can see the login and registration page for the person who is going to create the party.

### Host event page Host profile page

### Add/edit event



On the left screen above you can see the main page of the host and all the event that the host has created. On the right screen shot you can see the profile page of the host and underneath you can see the edit/add page for a specific event.

## Digital Prototype 1

In the video below you can see a protype of our idea.



# User testing

The issues that we found were based on the feedback that we got from different people/teachers.

## Participants

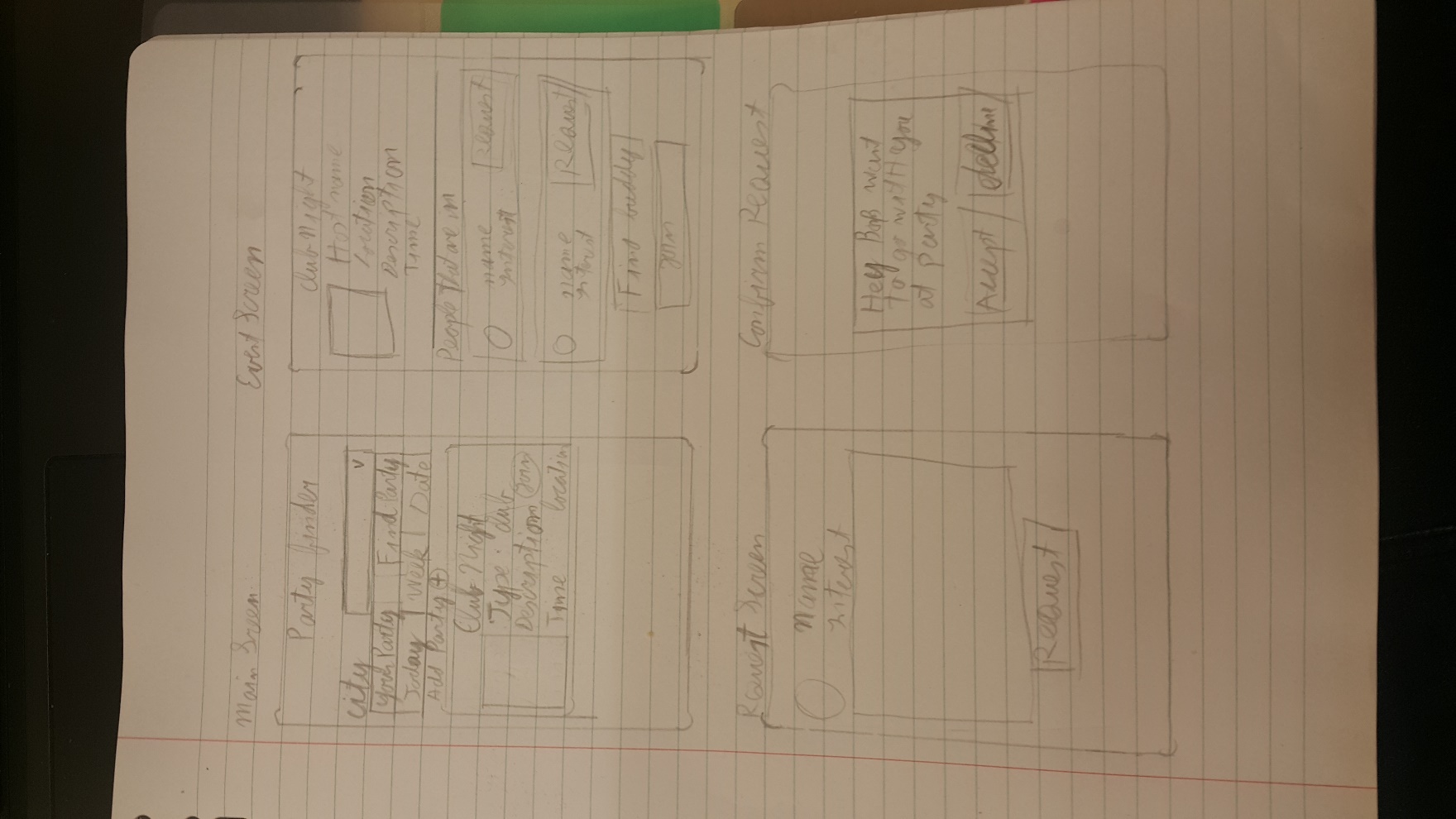
|  |  |
| --- | --- |
| Michael,  Roles: Teacher (PWA) | Chris,  Roles: Teacher (UX) |
| Luuk,  Roles: Teacher (Android) |  |

## Issues

* Two separates main screen/login/registration
* Main screen looks boring and look the same as google maps
* How does the person know how safe a party is?
* Missing the selling point

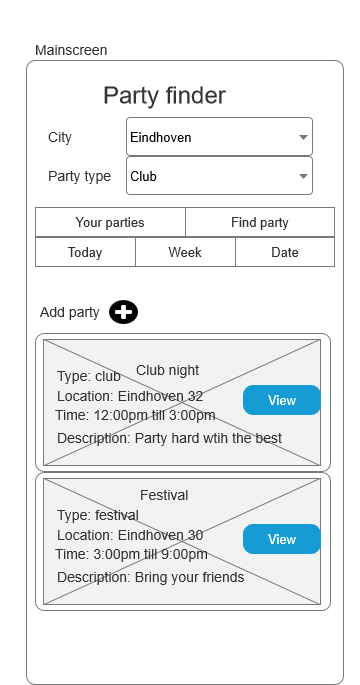
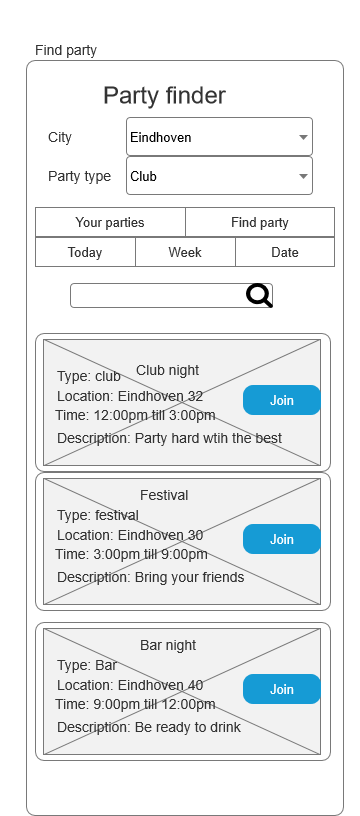
# Design Second cycle

## Sketches



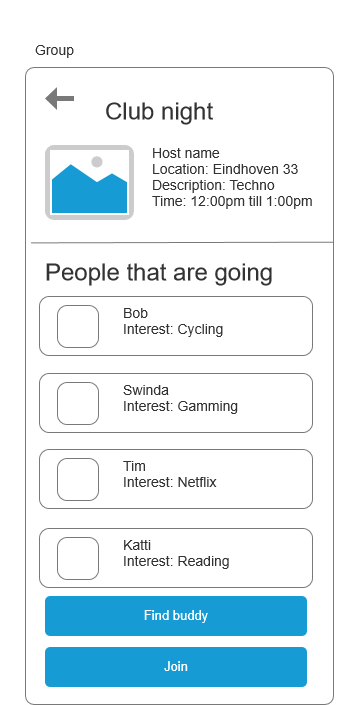
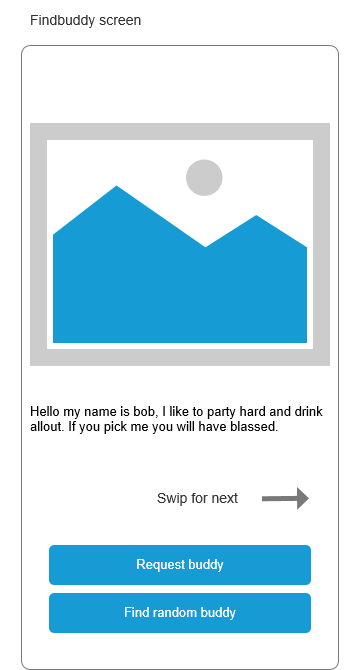
## Wireframes

### Main screen Find party screen



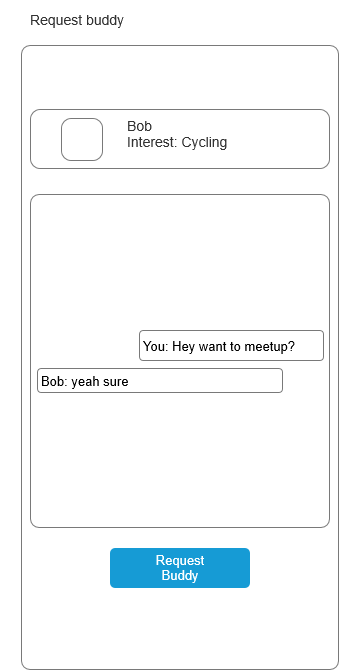
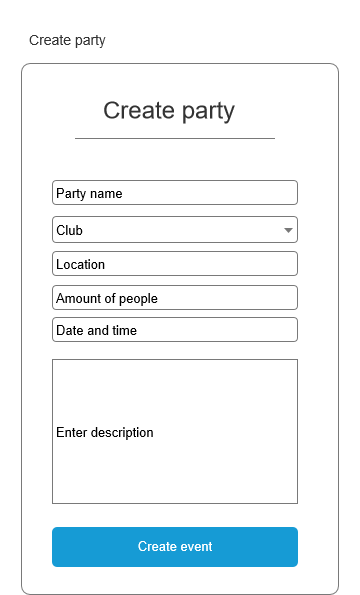
In the picture above you can see two screens, on the left you can see the user parties that that he/she has created and on the right is to find parties to join. To find a party the user must first select the city, type and date.

### Group screen Find buddy screen



In the picture above you can see two screens, on the left you can see the party information and all the people that are going to that party. The user will be able to join a party by clicking on the “join” button, automatically the user will be added to that party if there is any space left. After that the user will be able to find a buddy to go with by click on the “Find buddy” button.

### Request screen Create party



After the user has found a buddy the left screen will pop where the user can send a message to his/her buddy. But the user can only send one message at first until the buddy has accepted the request, after the request has been accepted, they will be able to communicate freely. If a user wants to create a party, they will need to press the add button from the main screen and the right screen shot will pop up where the user will need to fill the party information and then they can press the “create event” button.

# User testing

## Participants

|  |  |
| --- | --- |
| Valentine, 20  Roles: Software student  Video link: <https://youtu.be/nN7r9KrbWH4> | Victor, 19  Roles: Technology student  Video link: <https://youtu.be/nW61rdkllXw> |
|  |  |

Here above you can see the people who has participate during our second user testing.

## Issues

* The user didn’t like that the main screen starts with “your parties”
* User was afraid to press the join button
* User was confused how to create a new party
* User didn’t know what was the difference between request buddy and find buddy
* User wanted to see more information about each buddy
* User wanted to choose to be available or not for buddy request.

## Mayor issues

* User didn’t know what was the difference between request buddy and find buddy
* User was afraid to press the join button

|  |  |
| --- | --- |
| User didn’t know what was the difference between request buddy and find buddy  Problem can be found at 3:09 to 3:52  <https://youtu.be/nN7r9KrbWH4> | Suggestion   * Instead of making two buttons, make just one button” find buddy” * Make a “find buddy” screen where people can see pictures and description of each person just by swiping   The problem here was there no indication explaining what is the difference between request buddy and find buddy |

|  |  |
| --- | --- |
| User was afraid to press the join button  Problem can be found at 8:50 to 9:11  <https://youtu.be/nN7r9KrbWH4> | Suggestions   * Instead of “join” change button to “details”   As you can see in the screenshot the main page shows the parties with a “Join” button, but when you click it doesn’t join directly, you will see first the details and then you can join. |

# Third cycle

# User testing

## Participants

|  |  |
| --- | --- |
| Yousef, 20  Roles: Software student  Video link:  [https://www.youtube.com/watch?v=X33SN2tVc8E&feature=youtu.be4&feature=youtu.be](https://www.youtube.com/watch?v=sVfzNHQ2s74&feature=youtu.be) | Michael,  Roles: Teacher (PWA) |
| Luuk,  Roles: Teacher (Android) | Chris,  Roles: Teacher (UX) |

Here above you can see the people who has participated during our third user testing.

## Issues

* The user is not informed enough whether he has left the party when he clicks the button “Leave”
* The user didn’t recognize his profile in the list of members
* User wanted to see all his events in a calendar
* User wants to be able to find a buddy based on a common interest or music type
* User found the design of the main page and the page of the party inconsistent
* User wanted to see an image of the person that is hosting the party in the main page

## Mayor issues

* User couldn’t differentiate between his profile and the rest of the profiles in the list of users
* User wasn’t sure if he has joined the party after clicking the “Join” button

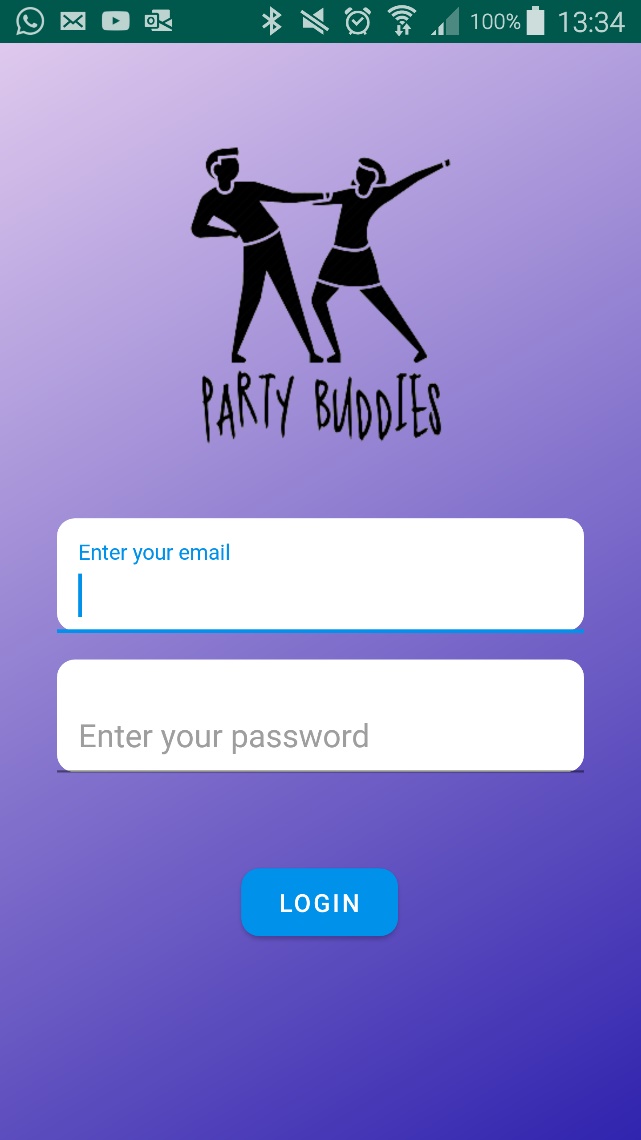
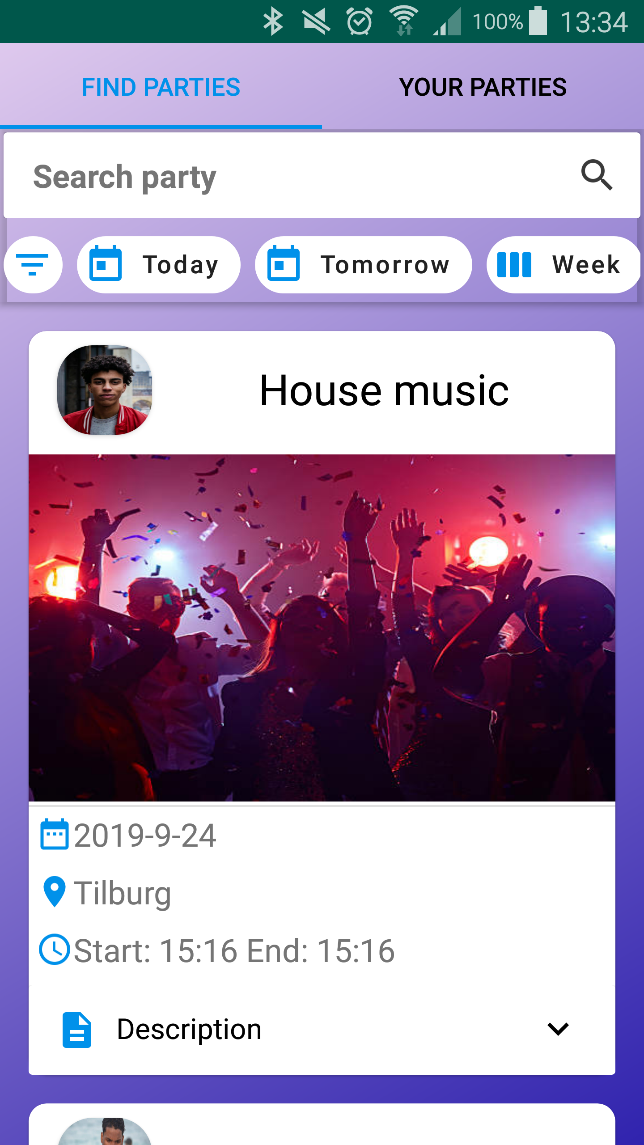
|  |  |
| --- | --- |
| User couldn’t recognize his profile in the list of people that are joining the party  Problem can be found at 1:27 to 1:40  <https://www.youtube.com/watch?v=X33SN2tVc8E&feature=youtu.be> | The user didn’t know if that was his profile or someone else’s. He wanted to be able to distinguish between himself and the rest of the people.  Suggestion   * Make the background of the main user a different color than the rest of the users or remove the main user from that list |

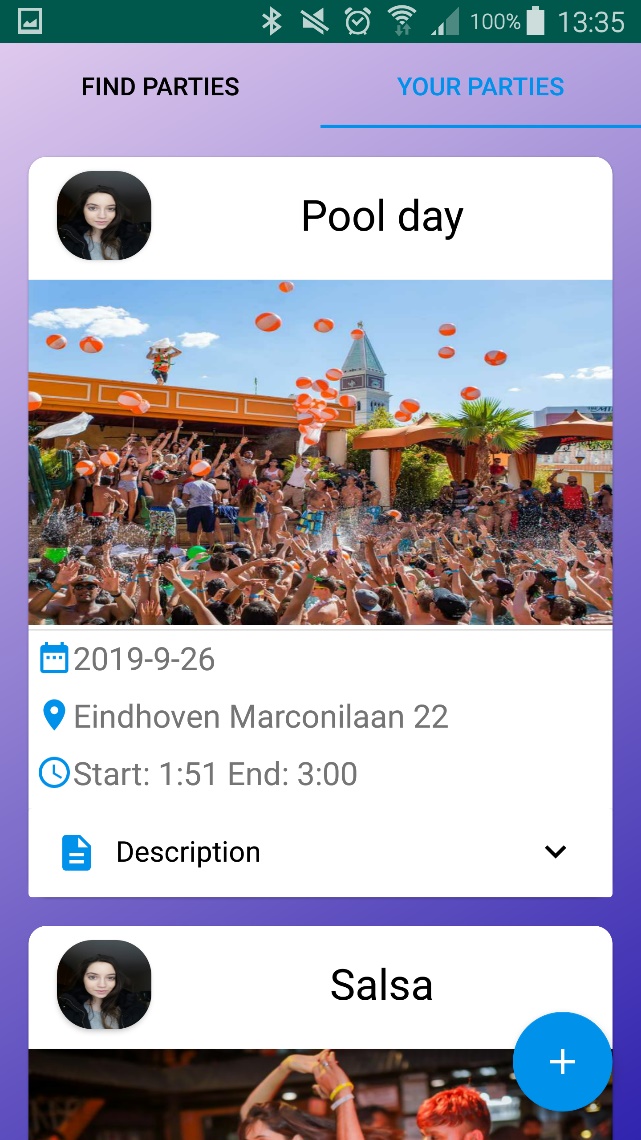
|  |  |
| --- | --- |
| User was afraid to press the join button  Problem can be found at 1:59 to 2:10  <https://www.youtube.com/watch?v=X33SN2tVc8E&feature=youtu.be> | A screenshot of a computer screen  Description automatically generated  Suggestions   * Make the “Join” button green and the “Leave” button red   The user was not sure if he has joined the event or not, because after pressing the “Join” button there was no notification. |

# Latest Design

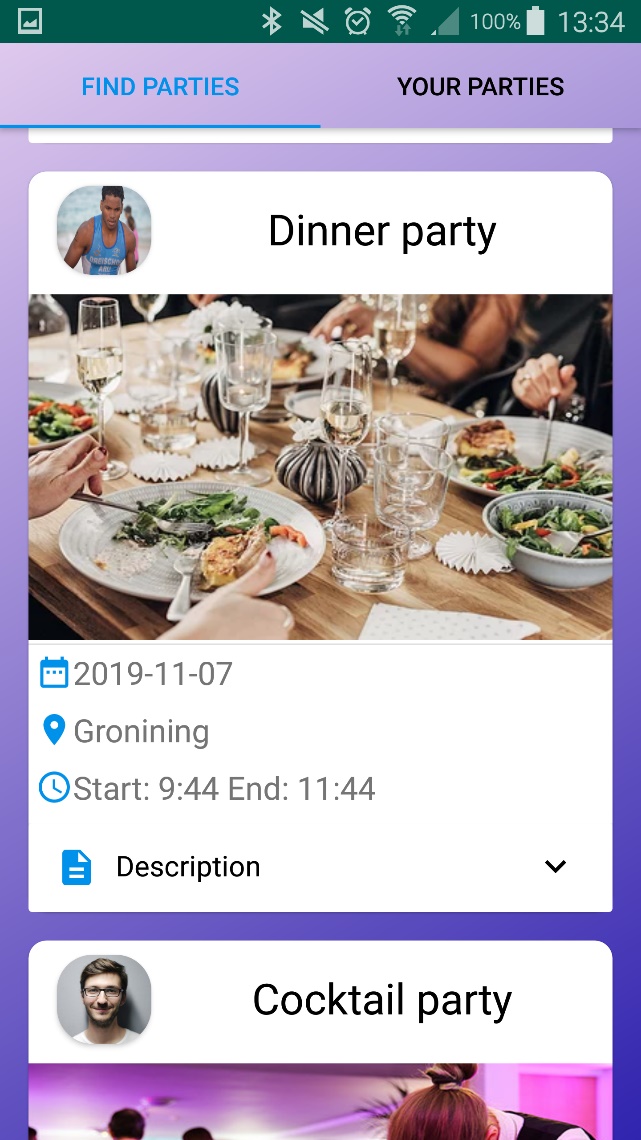
Main screen

Login page



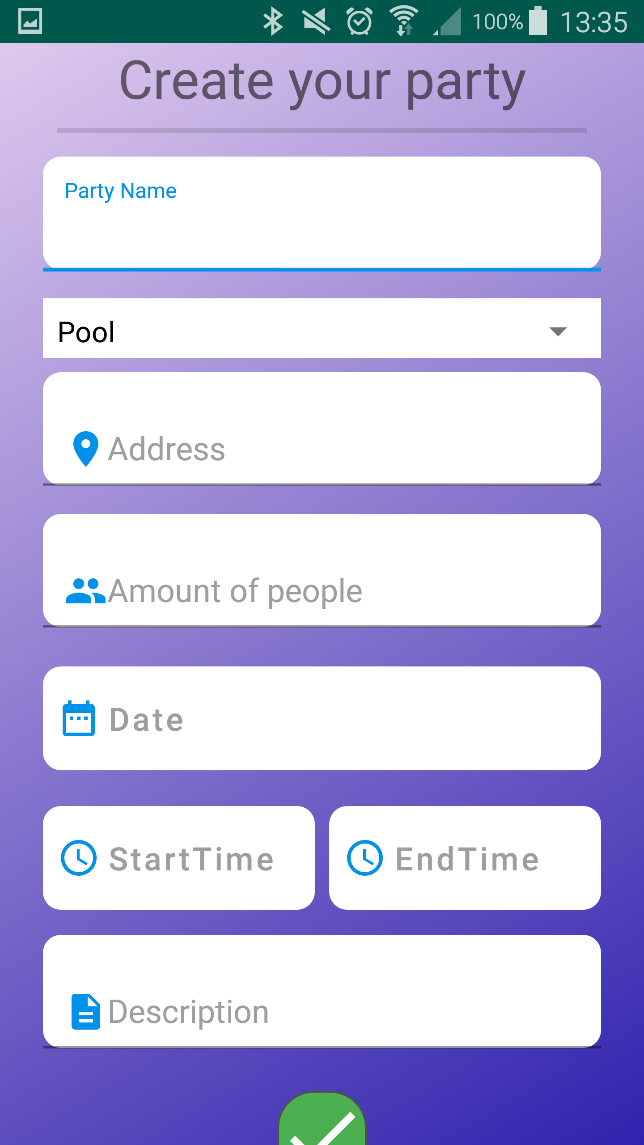
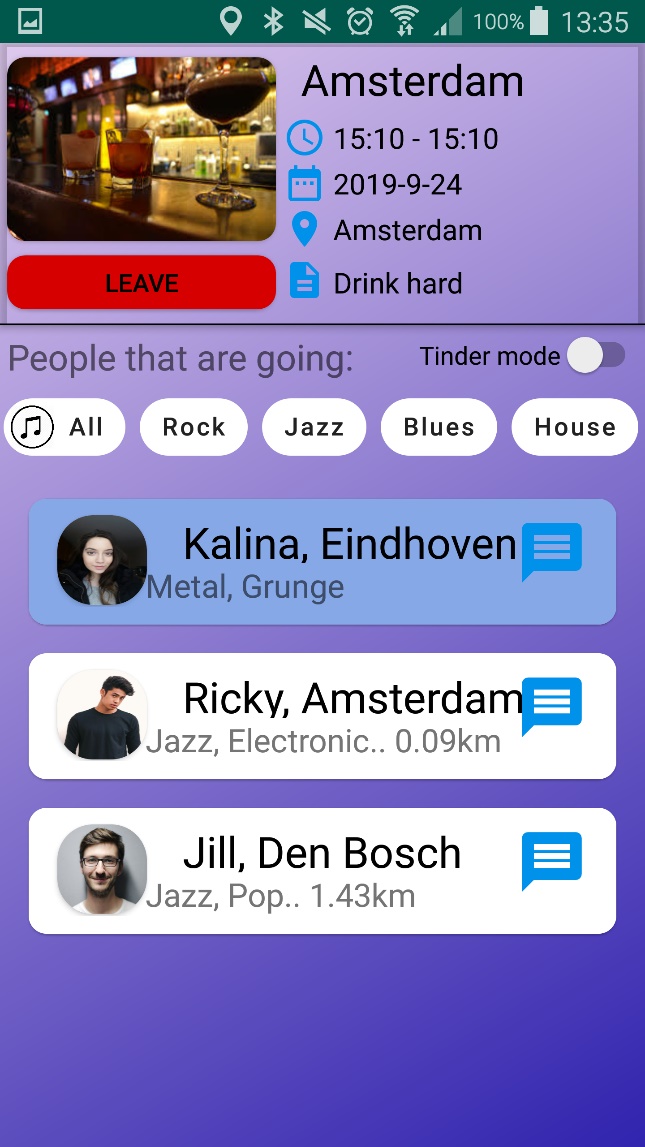
Main screen when scrolling

Your parties tab



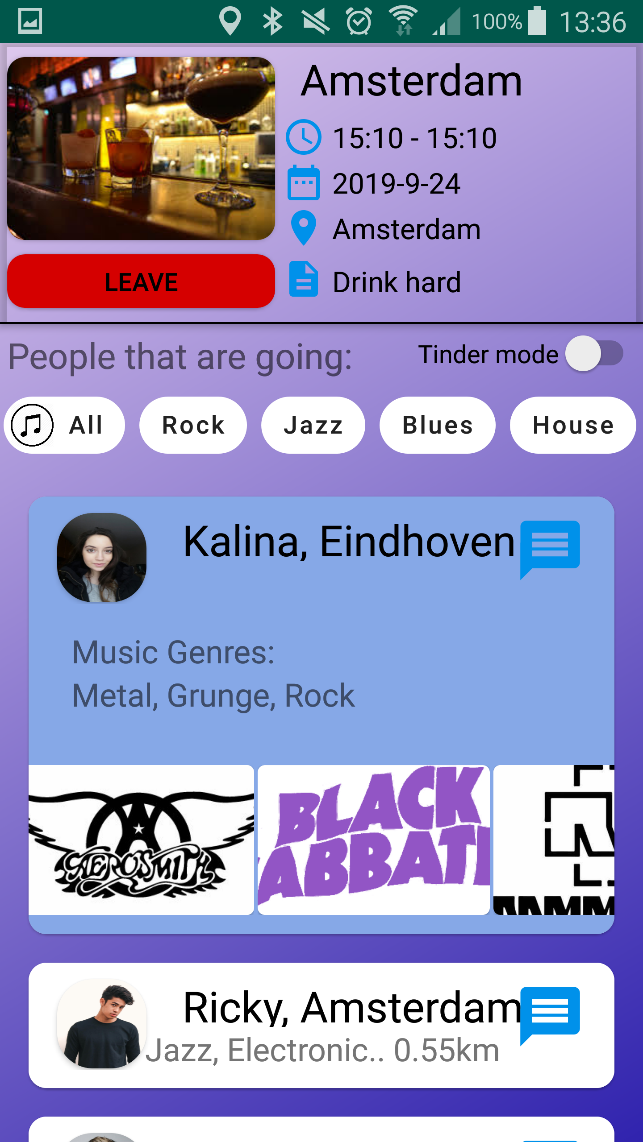
Create party

Party information/ users that are going



Party information with user layout expanded

Party information in swipe mode



Message a buddy page



# Conclusion

After doing the multiple cycles, we came up with a decent prototype for our application. We have learned to make the most out of a short amount of time by focusing on the main features and doing tests with real users.