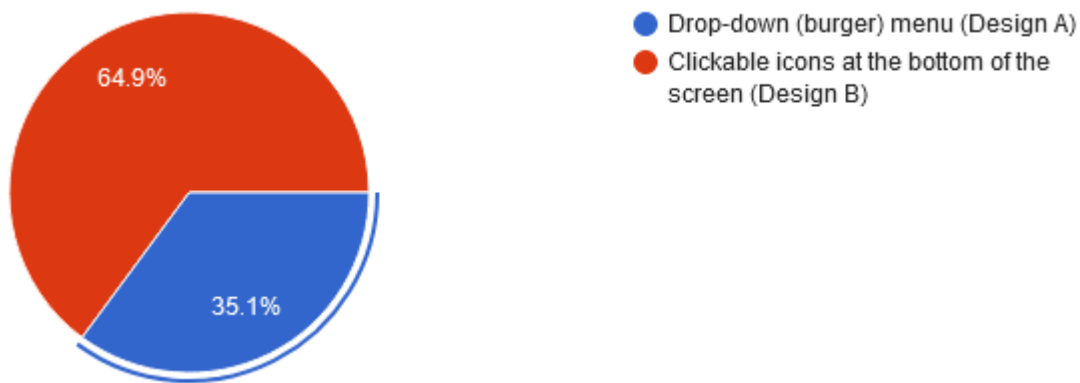# I.   Results of the first survey

The survey is composed of 14 questions in one section in Google form.
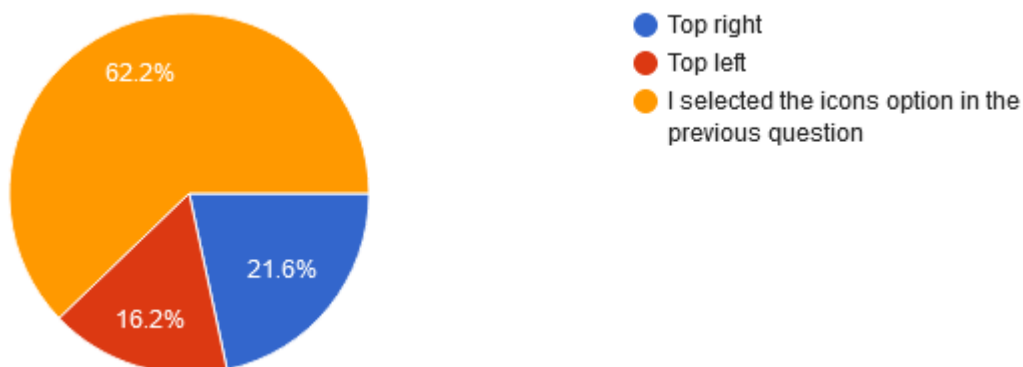
37 participants filled the survey.

1. Regarding navigating through the app, which option would be more effective?

Analysis: About two third of the participants prefer the clickable icons at the bottom of the screen, than the drop down burger. Participants prefer that the main icons appear right away when using the app.
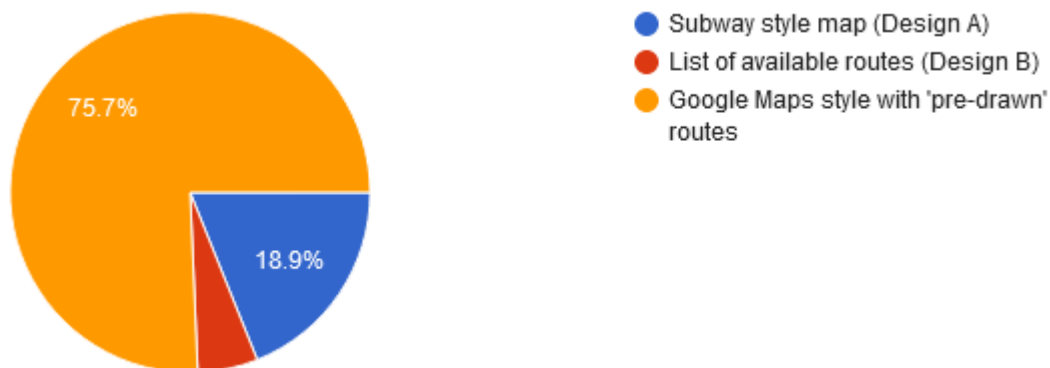The clickable icons at the bottom of the screen design will be selected to make the app.

2. If you selected 'drop-down menu', would you prefer the menu to be in the top right, or top left corner?

Analysis: The second question is focused on the participants who selected the drop-down menu. 8 participants selected the button to be at the top right and 6 participants selected the

top left. Even though the answer top right gathered more votes, no conclusions can be drawn as the sample is too small.
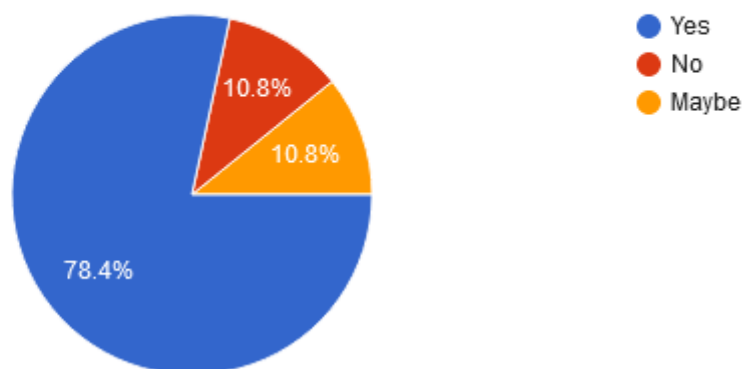
3. For choosing a route to book, which option would be most effective?

Analysis: For the map, over 75% of the participants overwhelmingly chose the Google Maps style with pre-drawn routes. Accurate map routes are largely preferred over a subway style or a list.
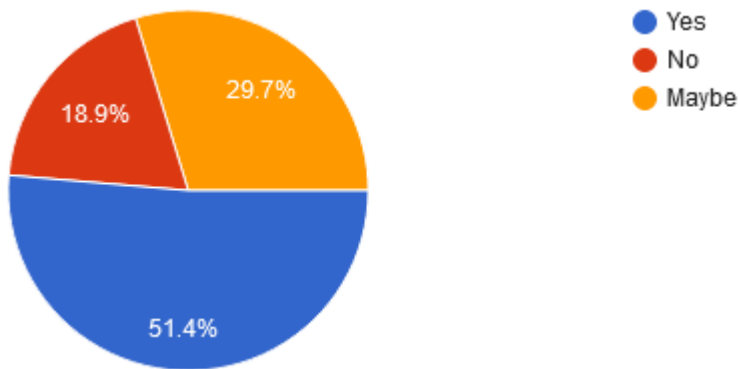Google Maps will be chosen to draw the routes, so that the users can have a batter experience.

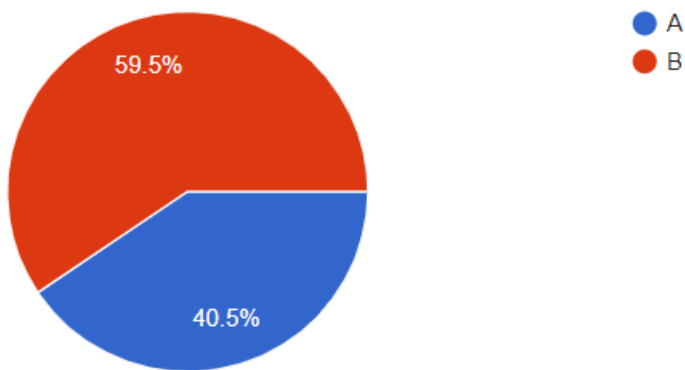### 4. Is it important to you to show the direction of the route?

Analysis: 78.4% of the participants think it is important to have the directions of the route. Real time notifications during the running should be implemented.

5. Is it important to you to show other participants on a route?

Analysis: A slight majority of the participants (51.4%) think that it is important to show other participants on a route. A substantial number of participants are uncertain if it is important. Nevertheless, showing participants will also be available on the app.

6. When booking a route, which confirmation box do you find more efficient to navigate and collect sufficient information about the route?

59.5% of the respondents choose the following confirmation box:
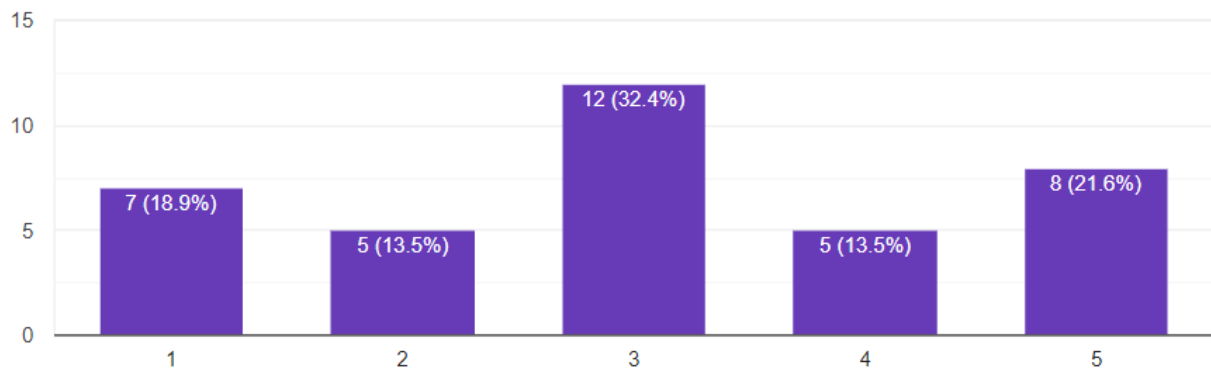
This indicates that users prefer to navigate through the routes with the arrows (confirmation box B) than having a list of routes (confirmation box A). A doesn't show as much information as B, such as the number of participants, the length, or the POI.
Confirmation box B will be chosen for the app.

7. **How important is knowing the basic information (age, gender, name...) of your fellow participants on a route?**
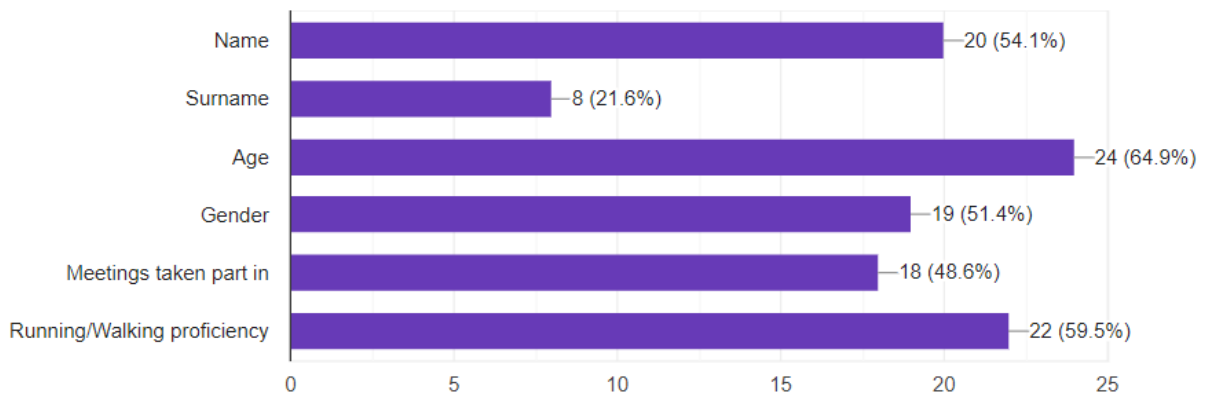

Analysis:
35.1% of the respondents think basic information are important (13.5% + 21.6%).
32.4% of the respondents feel neutral.
32.4% of the respondents don't think basic information are important (18.9% + 13.5%).

Few basic information could be used and tested first to see how the users will feel about it for a longer time.
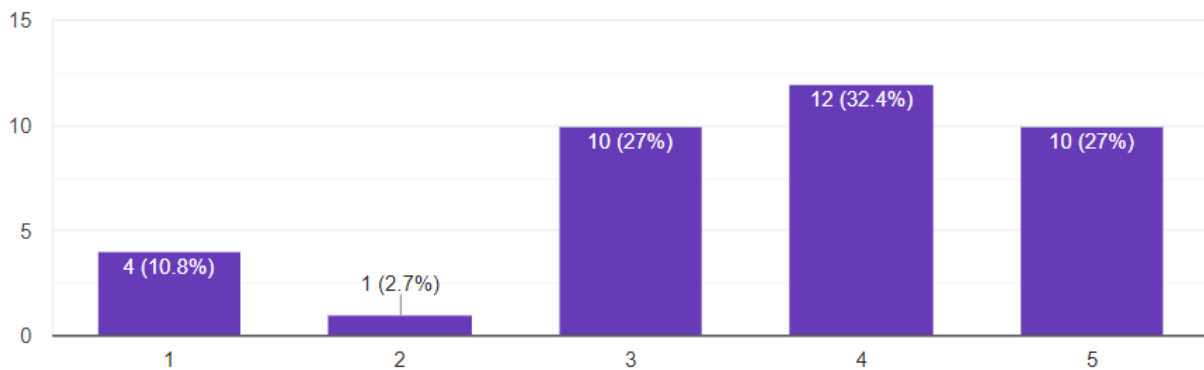
8. **What information would you like to know about the fellow participants?**

Analysis: the information that will be implemented are the ones with more than 50% approvals. The age (64.9%), the running/walking proficiency (59.5%), name (54.1%) and gender (51.4%) have gathered a majority of votes above 50%.

The meetings taken part in and surname could be discarded. The surname could be seen as too personal, and sensitive information.
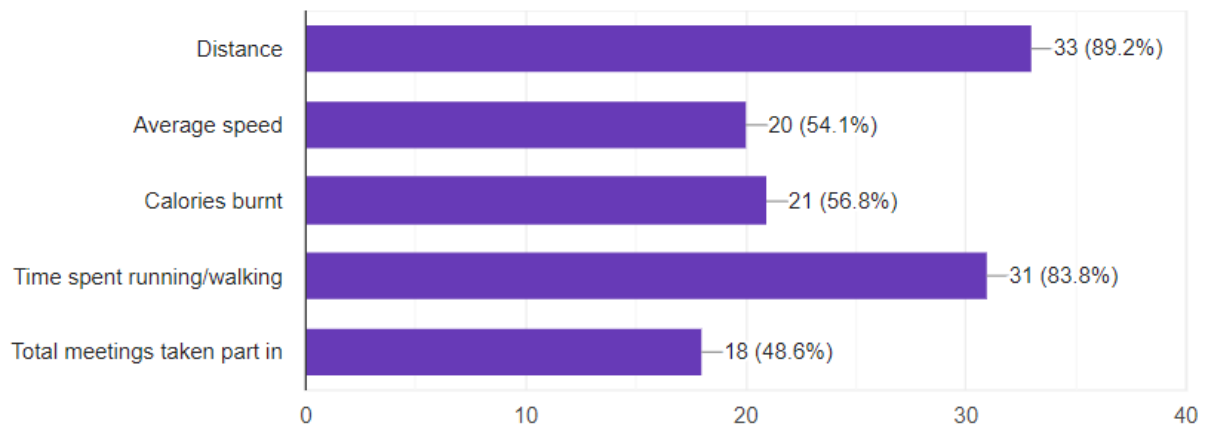
9. **How important is it to you to have the application track certain movement data (distance, calories, time...) regarding your activity when participating on a route?**

Almost 60% (27% + 32.4%) of the respondents feel that data to track the activity such as distance, calories, and time are important. Most people want to feel a sense of achievements when making some progress towards their goals.
These information will be implemented to our app.

10. **Which of the following tracking data would be important to you?**

Distance and time spent running/walking are overwhelmingly chosen to be important data to track, with 89.2% and 83.8% respectively.

Calories burnt and average speed have gathered a majority of votes also, with 56.8% and 54.1%.

These 4 data above will be implemented.

11. **Do you have any suggested tracking data not mentioned in the previous question you would like to suggest?**

Interestingly, most suggestions are different from each other.

Answers: 12 answers out of 37

"More social tracking data such as how many friends have a user made since they used the app."

"Maybe create some sort of accomplishments for people to achieve and get personal and group badges. People like to achieve stuff."

"Sustainability related Data(Like prevented Carbon emission)"

"Maybe an indication of how fast or slow you were going in the form of a diagram on the route once completed. Like a tracing of where you walked/ran and parts of the line in red where you went fast and blue where you went slow, for example"

"My pace per kilometer/mile, and not just my average speed of the entire run."

"Favourite routes?"

"Steps"

"If route taken before, showing the differences in average speed, heart beat,... (Did I improve?)"

"The height, maybe the images from the top"

"Maybe weather"

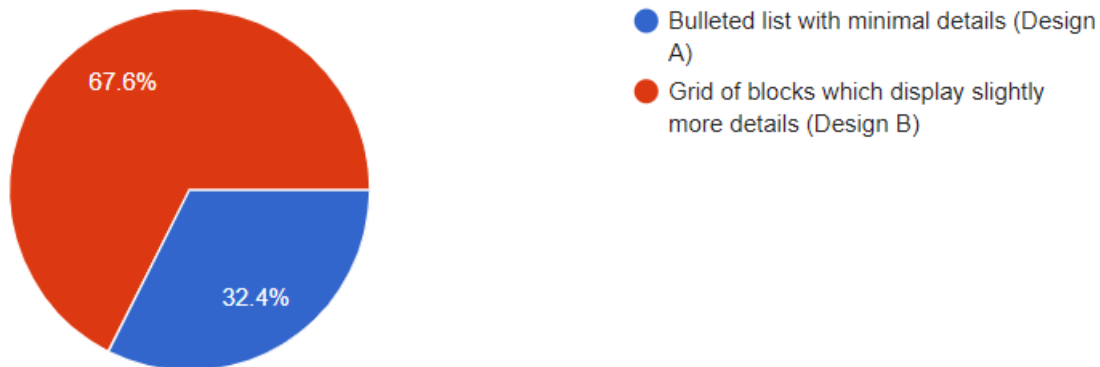"Possibly linking with fitness device for heart rate to compare against speed"

"Elevation"

Analysis: Data such as time spent or distance could be shared in some social media platforms such as Facebook or Instagram.

Two respondents mentioned also elevation or height. This could be proved to be technically difficult to implement. The pace is an important component for some respondents, who don't just want the average speed, but want to know more about how fast they went in some portions of the routes.

12. When searching through your booked routes, which option would you find more effective to view and cancel your bookings?
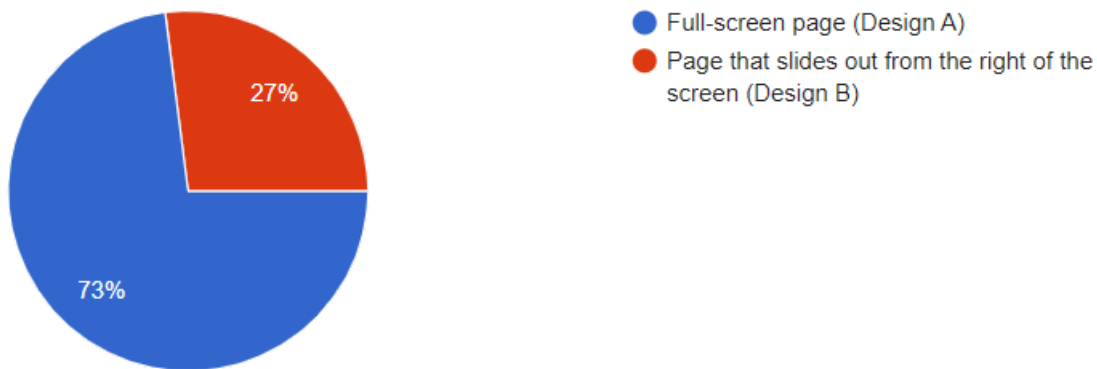

Over two third of the respondents choose the following design to search through booked routes:

Respondents want maybe less routes to appear on the screen, but a bit more details such as the start and end point.
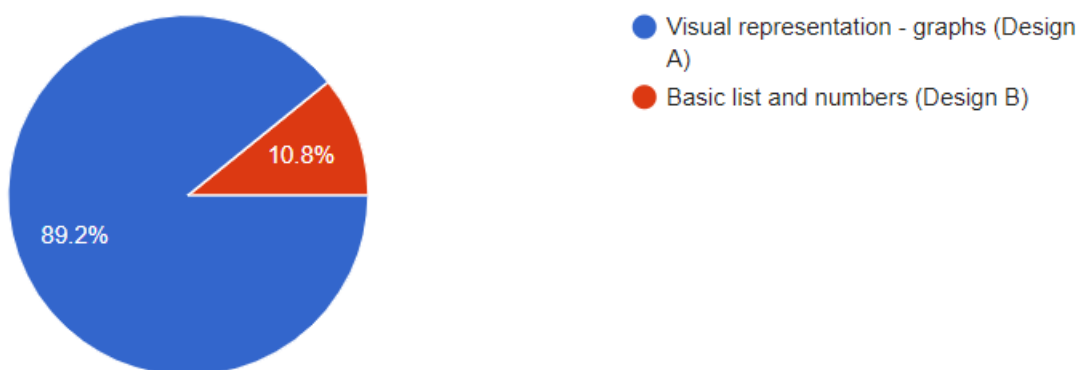
This design will therefore be chosen during the implementation of the app.

13. Regarding your user profile, which layout would be more appealing to use when wanting to edit profile details, settings and view tracking information

Full-screen page (Design A)
Page that slides out from the right of the screen (Design B)

27%

73%

Analysis: The respondents prefer design A, which more fully zoom the user profile. Users tend to prefer to have all data in one section, instead of having different slides.

14. Regarding tracking data, which layout would be best to review your data?

Visual representation - graphs (Design A)
Basic list and numbers (Design B)

10.8%

89.2%

Analysis: an overwhelming majority of respondents prefer visual representations of their performance, over basic numbers.
Graphs can be seen as more appealing and show more the progress of the users, than numbers.

Design A will be chosen for the app.