Prototyping "ReGroup" mobile application

Simone Ruberto¹, Marco Rotiroti¹, Riccardo Ruberto¹, Vladimiro Paschali¹, and Gianluca Vannoli¹

¹Sapienza University of Rome

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Create a profile picture

Suppose you are in a museum with other participants.

The visit will start in a few minutes, and your teacher will create a new group.

You must be ready to join the group by setting up your profile picture.

Version 1

• Tests and Problems

 The incomprehensible interface button and the profile and settings screen confused users about the right one to set up the image.

• Resolution

 Merge the two screens into the profile screen only and change its icon into a self-explanatory one.

Version 2

• Tests and Problems

- The profile icon was too small.

• Positive Aspects

- The profile icon understood when seen.

• Resolution

- Resize the profile icon
- Lighten screens by changing the colour and making them more minimalist.

Create a group

Suppose you want to create a group.

You want to hide the profile picture of the group's members.

Version 1

• Tests and Problems

- Difficulty in clicking the button for creating the group.
- Lack of a setting to show/hide participants' photos.
- Users are confused by the non-clickable GPS button.

• Resolution

- Replace the big Material Design card with a button.
- Introduce an option to toggle the visibility of participant photos in the group creation process.
- Simplify the user experience by excluding the step that involves selecting between Bluetooth and GPS technology.

Version 2

• Tests and Problems

- Oversized group creation button.
- Complex screen layout and too bright colours.

• Resolution

- Reduce the size of the group creation button to enhance usability.
- Improve user understanding and ease of navigation by simplifying the layout of the screen.

Join a group

Suppose your teacher created a group.

She provided the information to join the group.

You want to join the group in the shortest possible time.

Version 1

• Tests and Problems

- Group identifier too long.
- Users are confused by the non-clickable GPS button.

• Resolution

- Implemented a new algorithm for generating the group identifier.
- Removed the step that involves clicking on the GPS button.

Version 2

• Tests and Problems

- The group identifier still needs to be entered by the user manually.
- Low contrast between the background color and other components on the screen.

• Positive Aspects

- Reduced length of the group identifier.
- Shortened the duration for entering the group identifier manually.

• Resolution

- Replaced the screen background colour.
- Group identifiers can now be manually entered or scanned using a QR Code.