



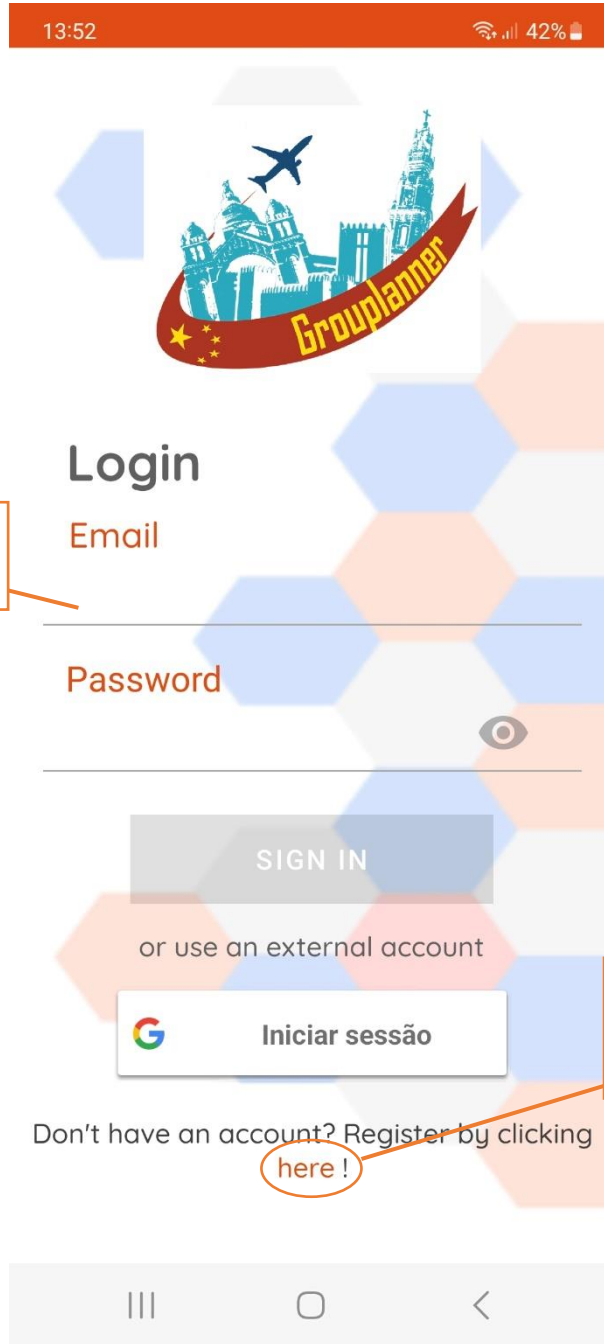
Grouplanner

User Manual

Version Beta 1

Last Updated: 20 September 2023

Register / Log in



Login with the registered email and password.

To register in the app, tap here (Google sign in is not working at the moment)

Registration Info

All the fields are mandatory.



The image shows a mobile application registration screen. At the top, there is a status bar with the time 13:52, signal strength, Wi-Fi, and 41% battery. The main title is "Register". Below it are several input fields, each with a red asterisk indicating it is mandatory. The fields are: Username, Name, Email, Password (with a toggle for visibility), Birth Date (with a hint "p.e. yyyy/mm/dd or long click to show the cale"), Country (with a dropdown menu showing "Afghanistan"), City (with a dropdown menu showing "Herat"), and Nationality (with a dropdown menu showing "Afghan"). A callout box with an orange border and an arrow pointing to the Username field contains the text: "Enter the username and name you would like to use in the app. The other users will see the information." At the bottom, there is a navigation bar with three icons: a list icon, a home icon, and a back icon.

13:52 41%

Register

Username *
Name *
Email *
Password *
Birth Date *
p.e. yyyy/mm/dd or long click to show the cale
Country *
Afghanistan
City *
Herat
Nationality
Afghan

Enter the username and name you would like to use in the app. The other users will see the information.

Fears and Disabilities

If any, please indicate which fears and disabilities you have from the drop-down menus, so the recommendations are more suitable for you.

13:52 41%

Birth Date *
p.e. yyyy/mm/dd or long click to show the cale

Country *
Afghanistan

City *
Herat

Nationality
Afghan

Gender *
 Other

Physical Limitations
Select a Physical Limitation

Fears
Select a Fear

I've read, understood and accepted the Terms of Condition and the Privacy Policy.

Register

Home Screen

After registering and logging in, you are directed to the Home Screen.

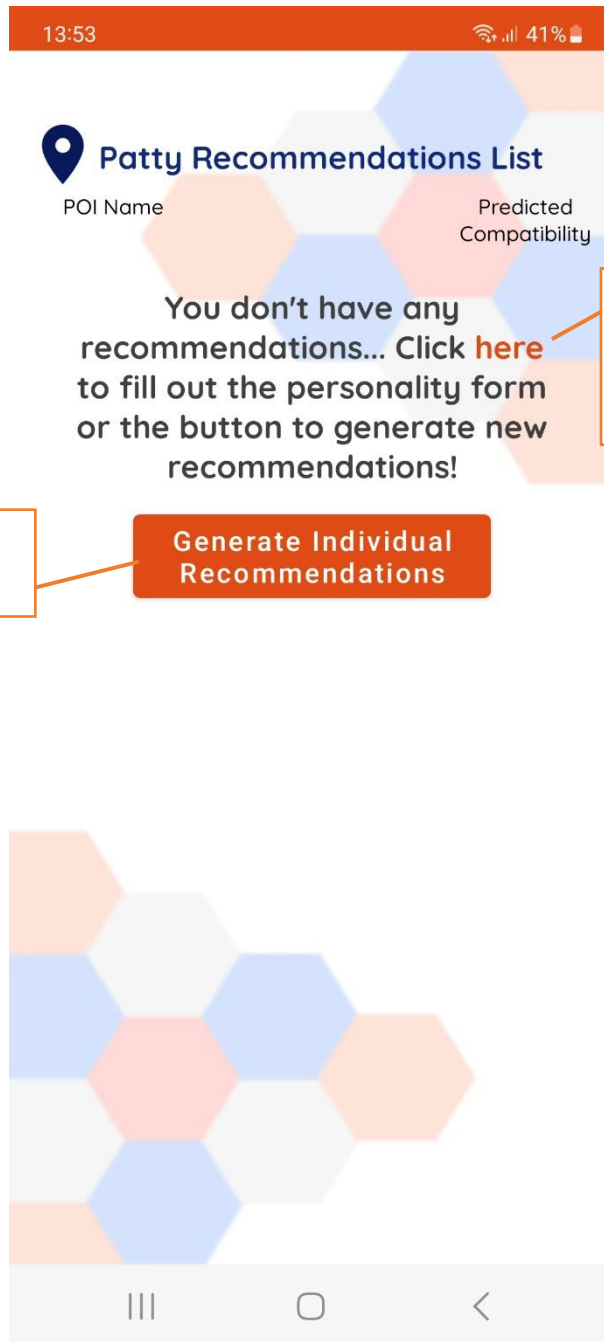
If the microservices are not used for some hours, the login process may take a few seconds to complete, please wait to give time for the agents in the MAMS to wake up. If you receive a timeout message, please contact us at pat@isep.ipp.pt



Receiving Recommendations

To receive individual or group recommendations, you first need to fill in the Big Five Personality Inventory, so we can predict your preferences (we are currently working on ways to implicitly acquire personality).

Go to the Home Screen and select the Profile button.

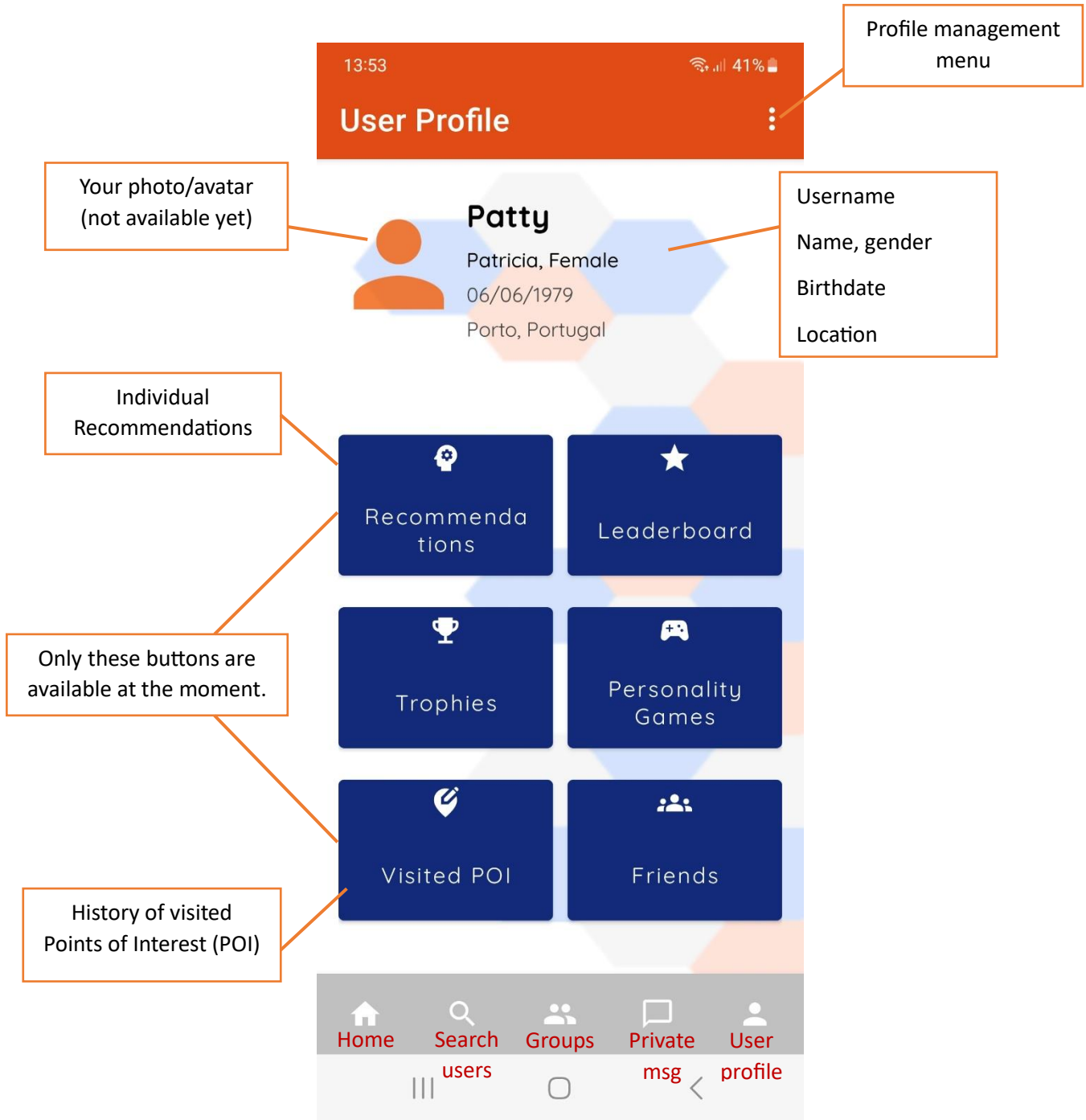


Tap here to fill the Personality Questionnaire in PT. The EN version can be found at the profile management menu

Only works if you filled the Personality questionnaire

Generate Individual Recommendations

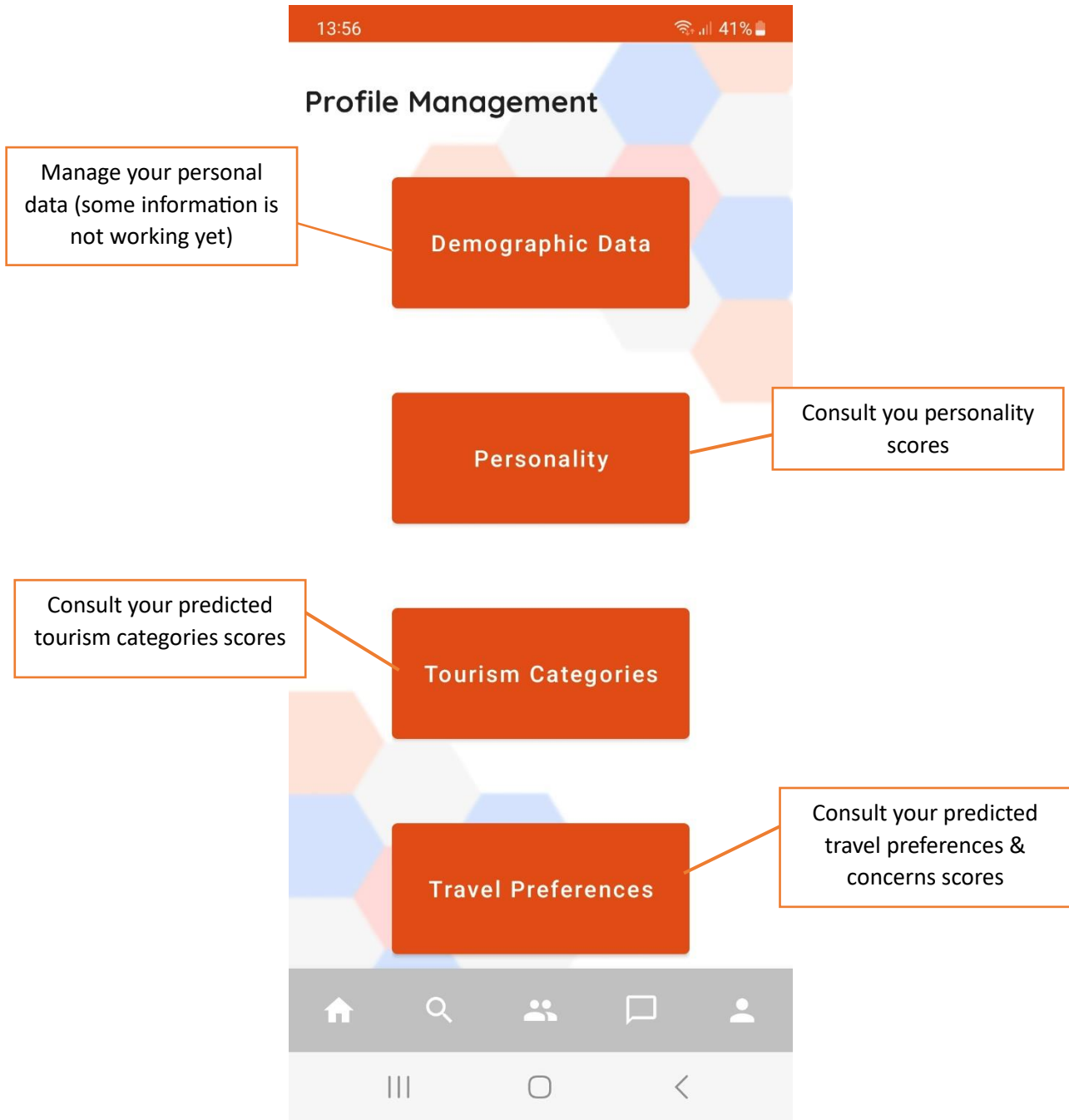
User Profile



Profile Management Options

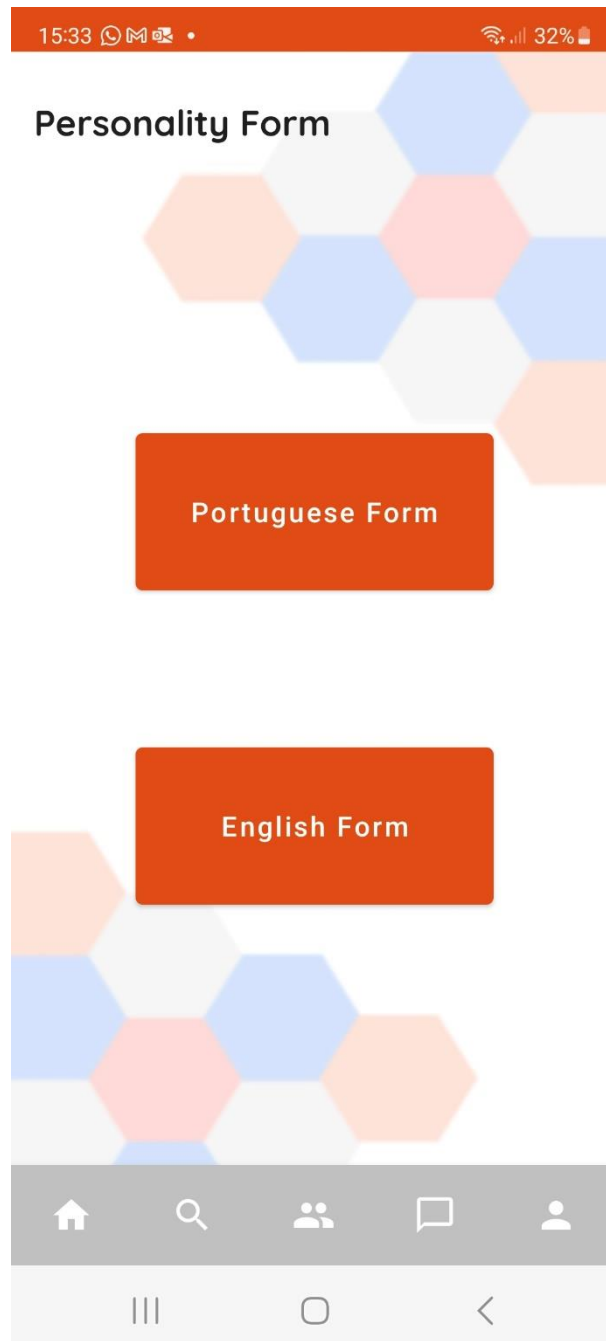


Profile Management Screen



Personality Questionnaire Menu

At the moment, you can choose to answer the Big Five Personality Questionnaire in Portuguese or English. Choose the language you feel most comfortable with.

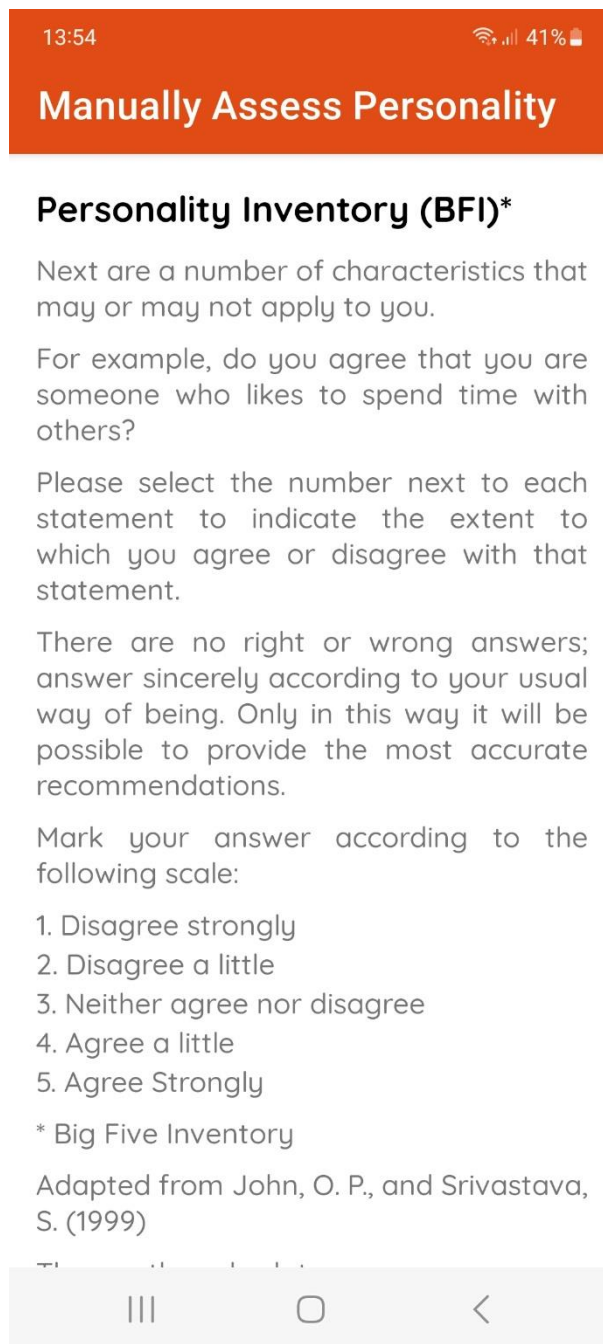


Big Five Personality Inventory

Informed Consent

Answer honestly to the questions asked, so the recommendations are more suitable for you.

The answers to individual questions will not be recorded, only the final score for each personality dimension. By filling in the personality form, you consent to the use of the personality scores for preferences prediction. Your personality and other personal information will not be shared with anyone or any identity.



13:54 41%

Manually Assess Personality

Personality Inventory (BFI)*

Next are a number of characteristics that may or may not apply to you.

For example, do you agree that you are someone who likes to spend time with others?

Please select the number next to each statement to indicate the extent to which you agree or disagree with that statement.

There are no right or wrong answers; answer sincerely according to your usual way of being. Only in this way it will be possible to provide the most accurate recommendations.

Mark your answer according to the following scale:

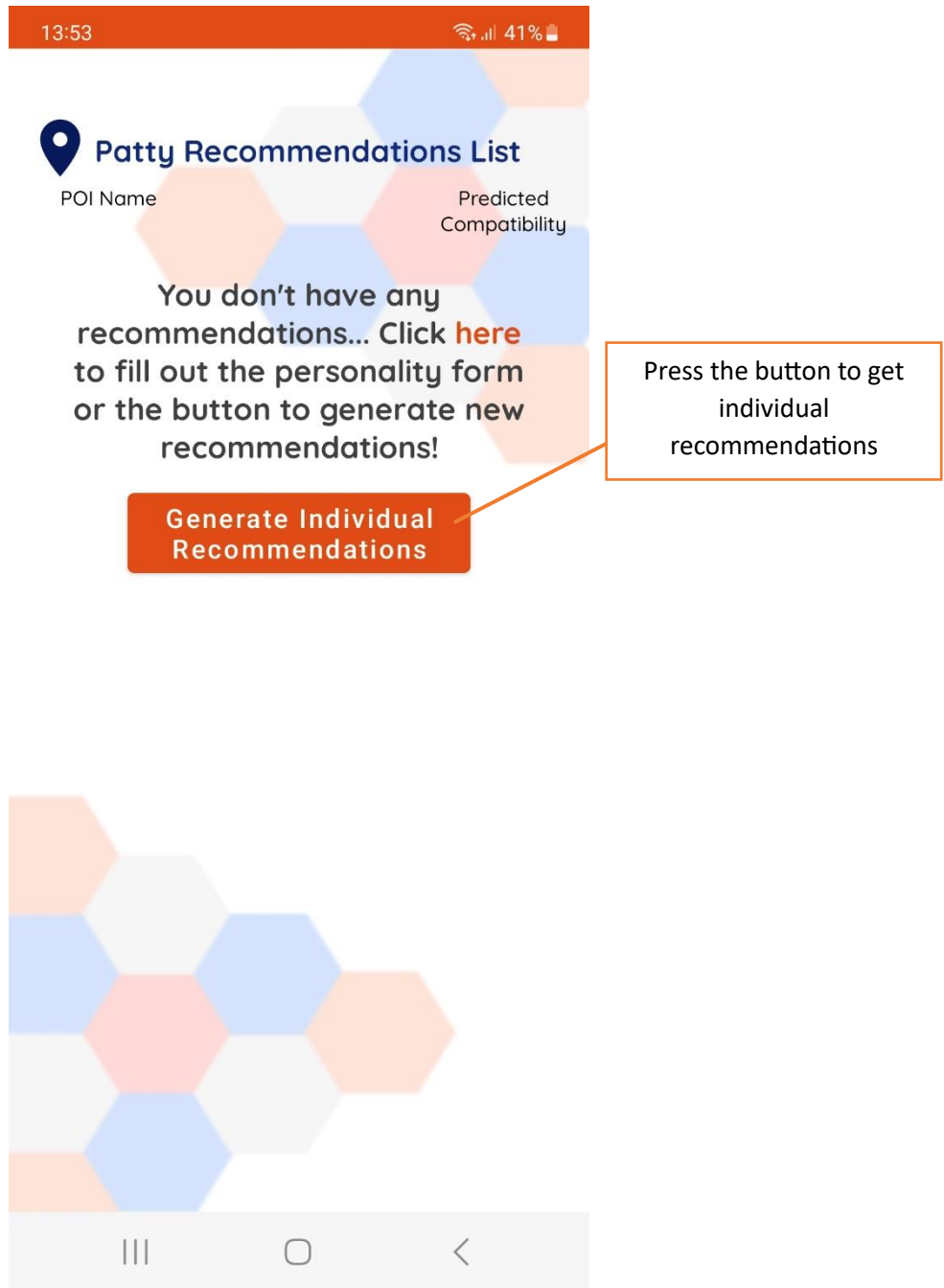
1. Disagree strongly
2. Disagree a little
3. Neither agree nor disagree
4. Agree a little
5. Agree Strongly

* Big Five Inventory

Adapted from John, O. P., and Srivastava, S. (1999)

III O <

Request Individual Recommendations



A popup appears where you need to define the start and end date of the trip, destination country and city.

At the moment, we only have data available for cities in the North of Portugal (e.g., Porto, Braga, etc.) and Istanbul, Turkey.

After confirming in the button, please allow some seconds to receive the recommendations, **do not tap the button again!** (we are working on some possible delays).

The screenshot shows a mobile application interface. At the top, the status bar displays the time 14:02, signal strength, Wi-Fi, and 39% battery. The app header is titled "Patty Recommendations List" with a location pin icon. Below the header, there are two columns: "POI Name" and "Predicted Compatibility". The main content area displays the text "You don't have any". A white modal form is overlaid on the screen, containing the following fields and buttons:

- Start date:** 2023/09/21
- End Date:** 2023/09/21
- New Destination Country:** Afghanistan
- New Destination City:** Herat
- Buttons:** Cancel and Confirm

Tap Confirm to request the recommendations. Please wait for the result.

Individual Recommendations List

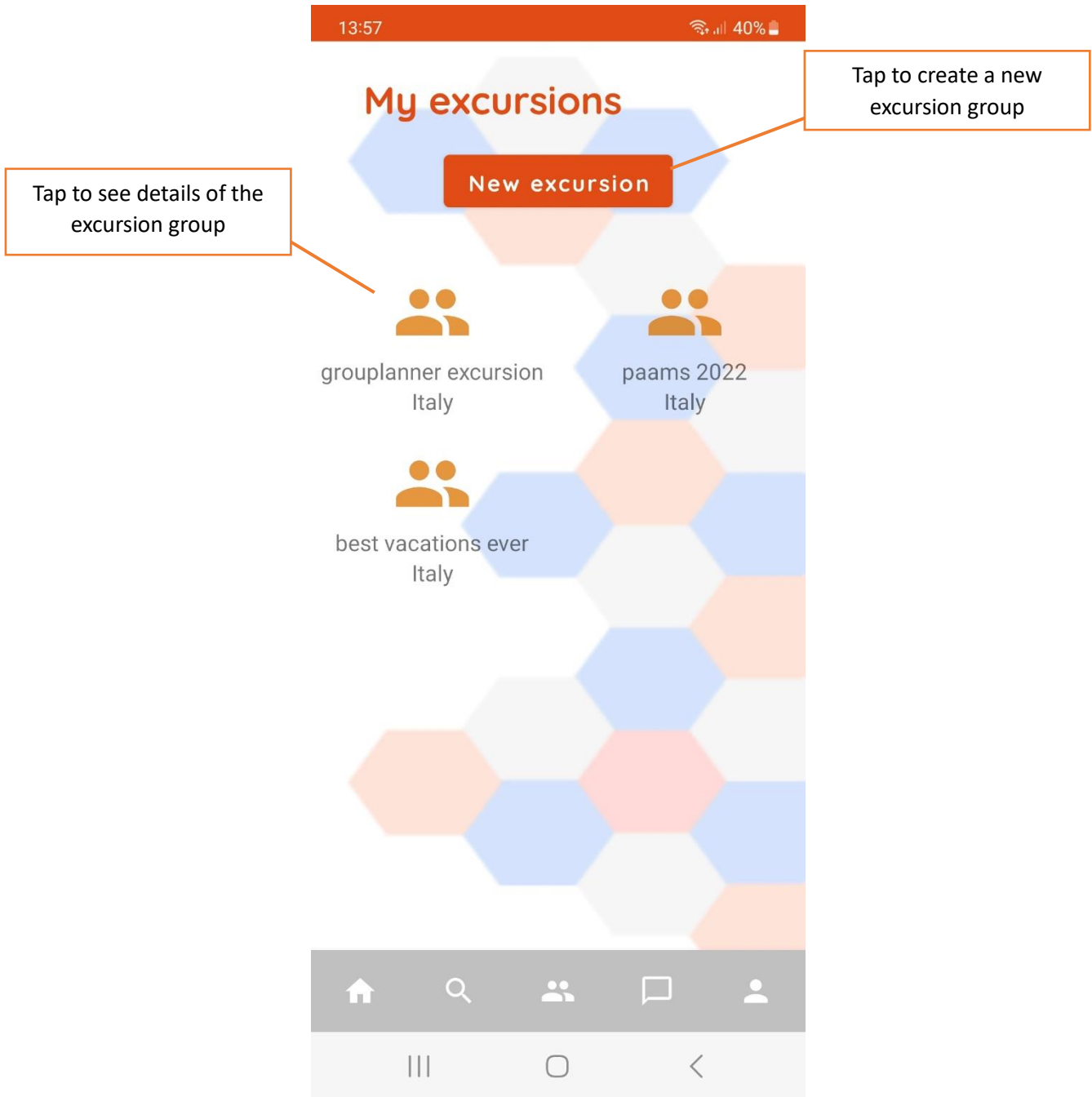
After some fractions of second, the individual recommendations list appears. If any error occurs or the recommendations are taking too long to appear, please send an email to pat@isep.pp.pt

The screenshot displays a mobile application interface titled "Venus Recommendations List". At the top, the status bar shows the time 23:56, social media icons, and a 95% battery level. Below the title, there are two columns: "POI Name" and "Predicted Compatibility". The list contains seven items, each with a magnifying glass icon to its right. A callout box on the left points to the "Adrenaline Activities;" category for the first item, "Fish Surf School". Another callout box on the right points to the magnifying glass icon, stating "Tap the magnifier to see details of each recommended POI and rate it". At the bottom of the list, there is an orange button labeled "Generate Individual Recommendations". The bottom of the screen shows the standard Android navigation bar with three icons: a square, a circle, and a triangle.

POI Name	Predicted Compatibility
Fish Surf School Adrenaline Activities;	98%
GKS Go Kite School Adrenaline Activities;	97%
Haliotis Porto Adrenaline Activities;	96%
I Surf Portugal Adrenaline Activities;	95%
i-Dive Spirit Adrenaline Activities;	94%
Ideal Clube de Fado Porto Party, Music & Nightlife;	93%
Fado in Porto - Caves Cálem Party, Music & Nightlife;	92%

Excursions Screen

In the Excursions Screen, you can create a new excursion group and view the list of excursion groups you are part of.



Create an Excursion Group

At the moment, we only have recommendations available for cities in the North of Portugal (e.g., Porto, Braga, etc.) and Istanbul, Turkey.

New excursion

13:57 40%

Write the name and group's description. Use short text

Group Name

Group Description

Start Date

SEP 21 2023

End Date

SEP 21 2023

Define the start and end date of the excursion

Define the destination country and city

Group Destination Country

Portugal

Group Destination City

Porto

Add members +

After tapping in the "Create" button, please allow some seconds to receive the recommendations, **do not tap the button again!** (we are working on some possible delays).

The screenshot shows a mobile application interface for creating a new excursion. The background features a pattern of blue and orange hexagons. The form fields are as follows:

- Group Name:** A text input field containing "best trip ever".
- Group Description:** An empty text input field.
- Start Date:** A date picker button showing "SEP 21 2023".
- End Date:** A date picker button showing "SEP 21 2023".
- Group Destination Country:** A dropdown menu with "Portugal" selected.
- Group Destination City:** A dropdown menu with "Porto" selected.
- Add members:** A button with a white plus sign on an orange background.
- Create:** A large orange button at the bottom of the form.

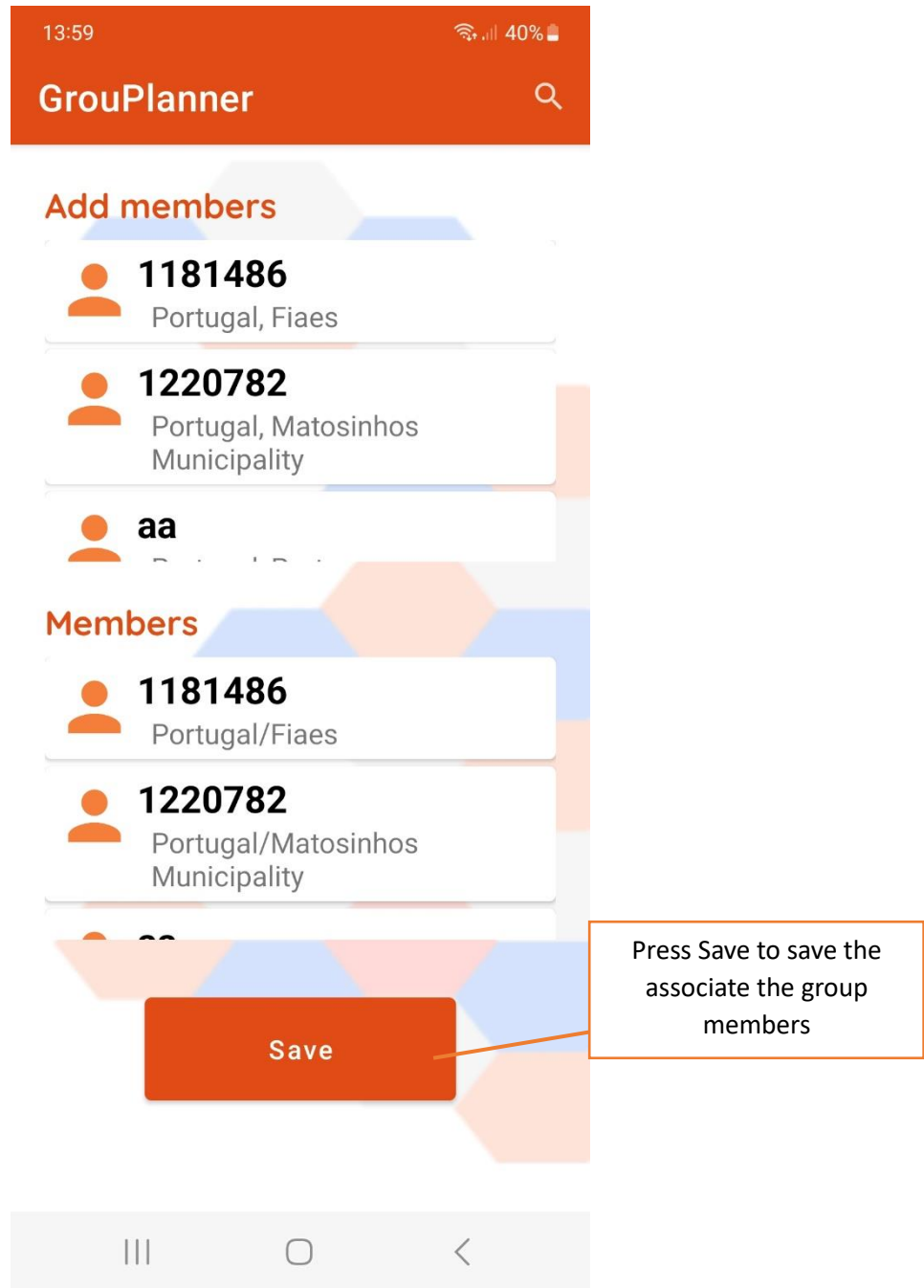
Callout boxes provide additional instructions:

- A box on the left points to the "Create" button with the text: "After adding the members, tap Create".
- A box on the right points to the "Add members" button with the text: "Tap to add registered members to the group".

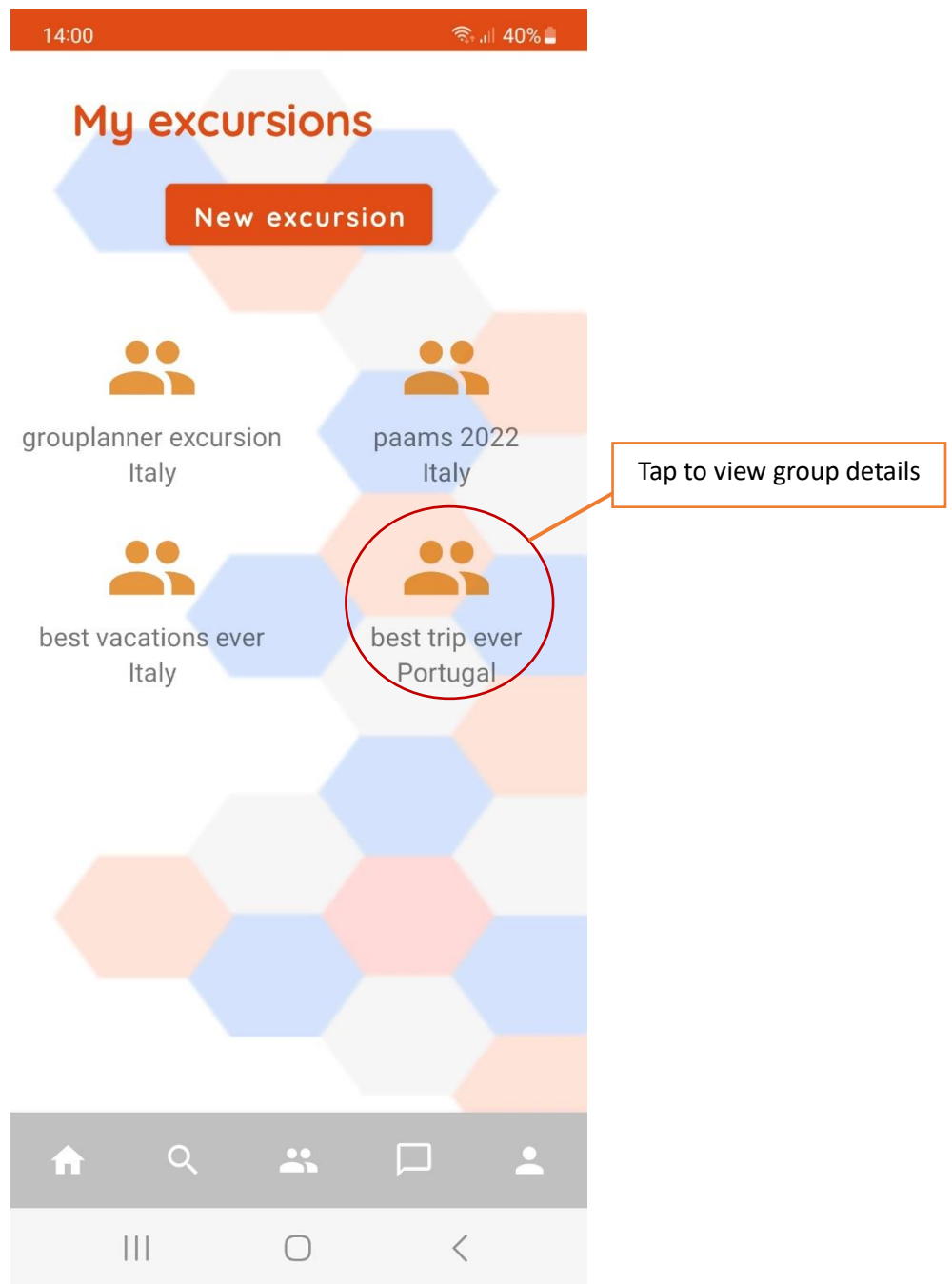
The top of the screen shows a status bar with the time "13:57", signal strength, Wi-Fi, and 40% battery. The bottom of the screen shows a standard Android navigation bar with three icons: a square, a circle, and a triangle.

Add Members to Excursion Group

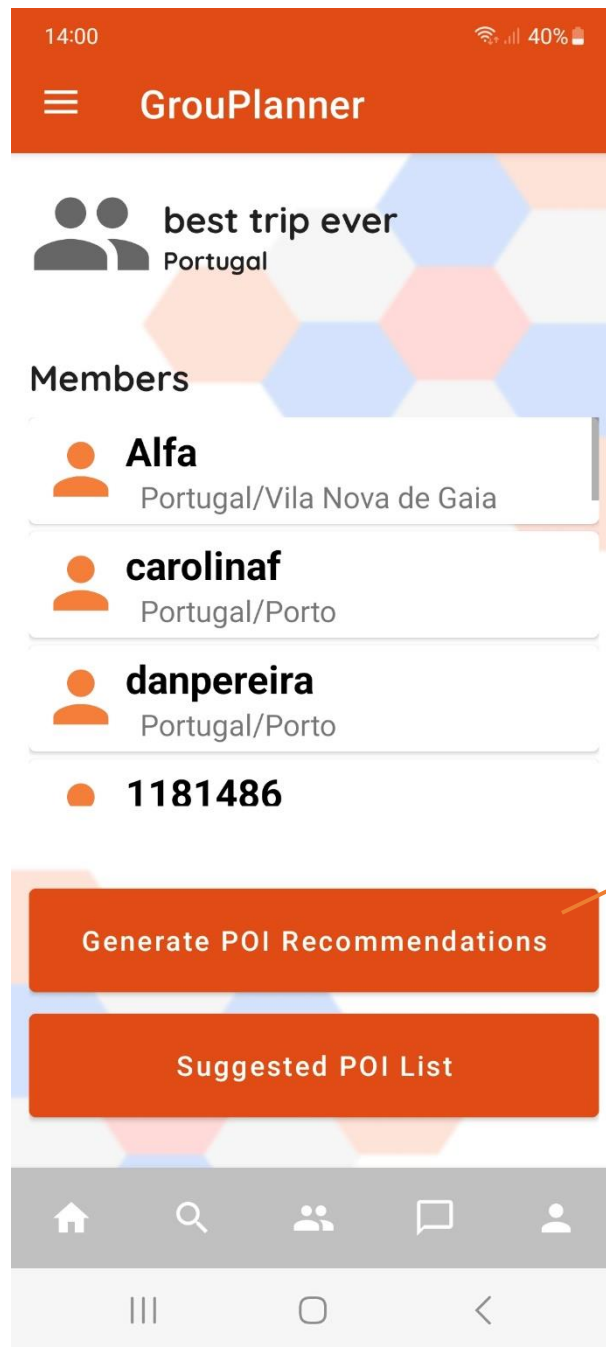
You can add members to the group just by touching the user's username (it is not possible to remove members yet).



The new excursion group will appear in "My excursions" screen.

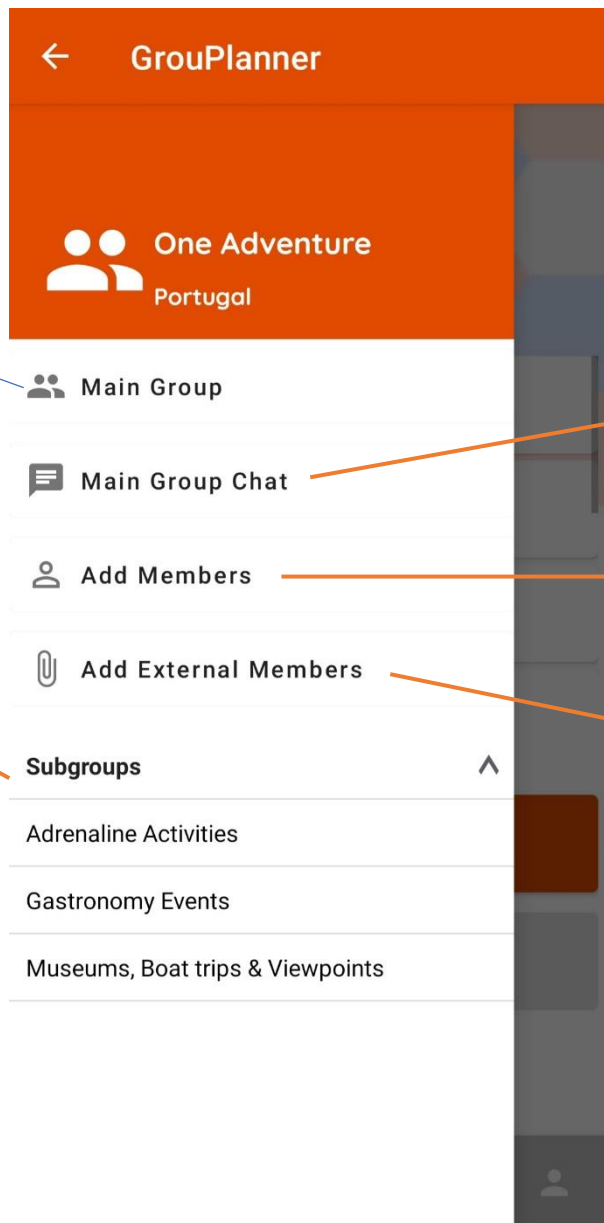


You can then consult the excursion group details and request recommendations for the group.



Tap to request group recommendations

According to the number of members and clusters they belong to, the excursion group may have been divided into subgroups of members with similar personalities and preferences. To check the subgroups formed, slide the left border of the screen to the right.



Tap to return to the main group

Tap to access main excursion group chat

Tap to add additional members

List of subgroups formed. Tap the name to see the subgroup's details

Tap to add to the group members not registered in the app

Excursion subgroup's details



(Sub)Group Recommendations List

Example of a recommendation list for a subgroup named "Cultural1". Only after all subgroup members have classified each POI their average score will appear in the subgroup's main screen.

The screenshot displays a mobile application interface for a subgroup named "Cultural1". The title is "Cultural1 Recommendations List". The list contains eight POI entries, each with a magnifier icon, a compatibility percentage, and a star rating for interest. The data is as follows:

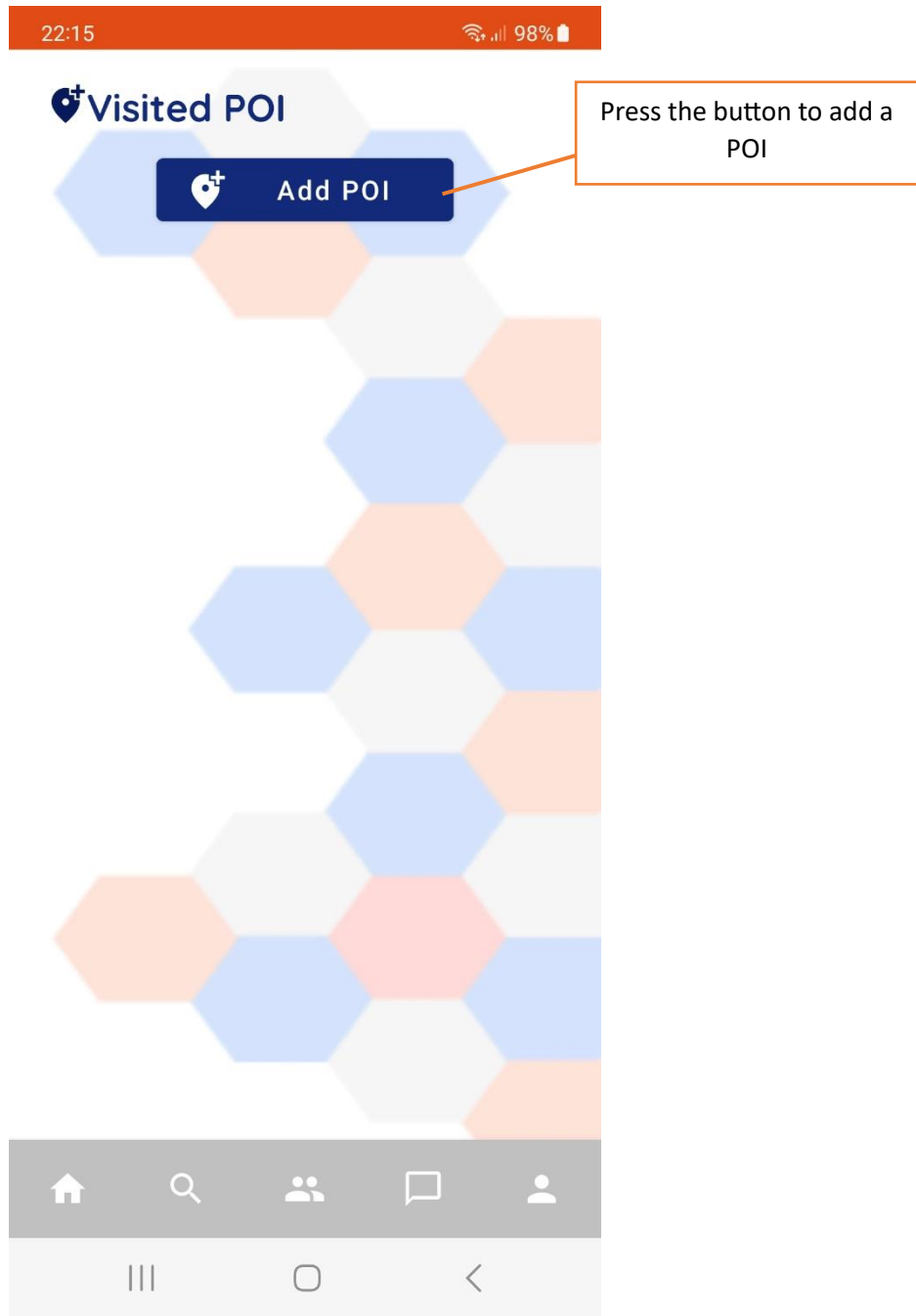
POI Name	Compatibility	Interest
Ponte de Dom Luís I Museums, Boat trips & Viewpoints	98%	★★★★☆
Livraria Lello Museums, Boat trips & Viewpoints	97%	★★★★☆
Estação Ferroviária de São Bento Cultural Heritage	96%	★★★☆☆
Majestic Café Gastronomy Events	95%	★★★☆☆
Cais da Ribeira Wild Nature Activities	94%	★★★☆☆
Torre dos Clérigos Museums, Boat trips & Viewpoints	93%	★★★★★
Museu Serralves Museums, Boat trips & Viewpoints	92%	★★★★☆
Caves Sandeman Museums, Boat trips &	91%	★★★☆☆

Callout 1: Tap the magnifier to view POI details and rate it

Callout 2: Subgroup's mean score for each POI

Register Visited POI

You can register POI you already visited to help refine the recommendations.



Insert the visited POI data and press "Submit". The POI data is retrieved from the Google Places API.

22:15 98%

Add POI

POI Name

Country

City

Visit Date
p.e. yyyy/mm/dd or long click to sh

Rating

Want to visit a

Submit

Select this field to make the Google Places API search field appear

Date you visited the POI

Rate the visited POI

Check if you would like to visit again