Tour Guide Translator

User manual

Team:
Bjartur Fannar Stefánsson, 020695-3079
Gunnar Birnir Ólafsson, 280294-2179
Ævar Þór Gunnlaugsson, 090594-3119

Teacher assistant:
Fanney Sigurðardóttir

Test examiner:
Guðlaugur Stefán Egilsson

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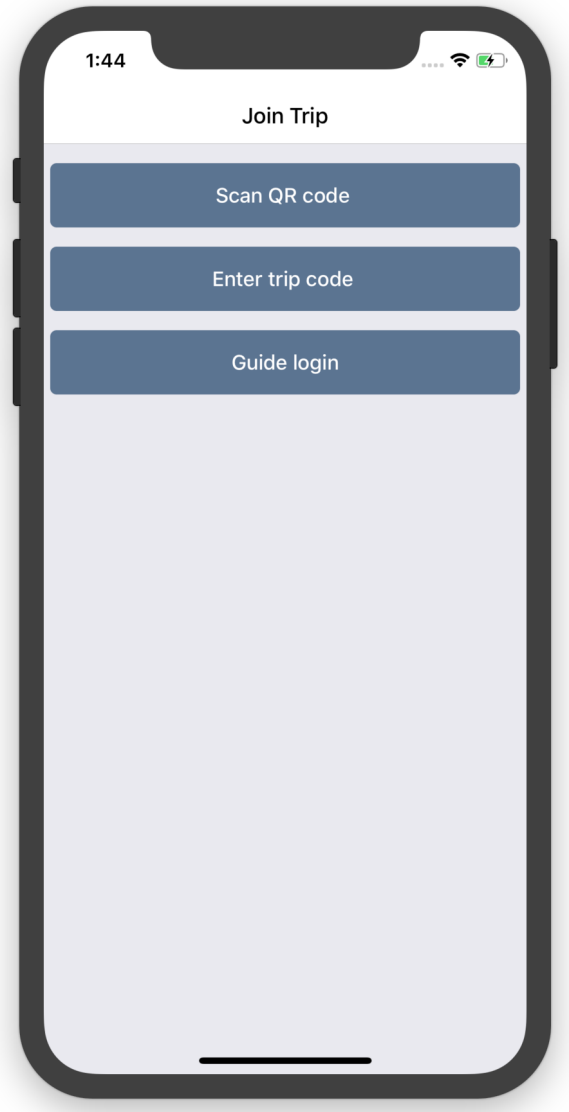
1. Introduction

Tour Guide Translator is an app that allows tour guides to talk in their language and the tourist can listen to them in their language in real time. Tour guide creates a room for a certain trip and the tourist join the room. Tourists can also send questions to the tour guide in their language and the question will be translated to the language of the tour guide on his screen to read. The app makes sure that every tourist in the trip will be able to understand the tour guide.

This User manual is not a manual for developers to start contributing to the project. This manual is intended to show how our user interface is set up and describe to tour guides and tourists how to operate the app.

2. Front page



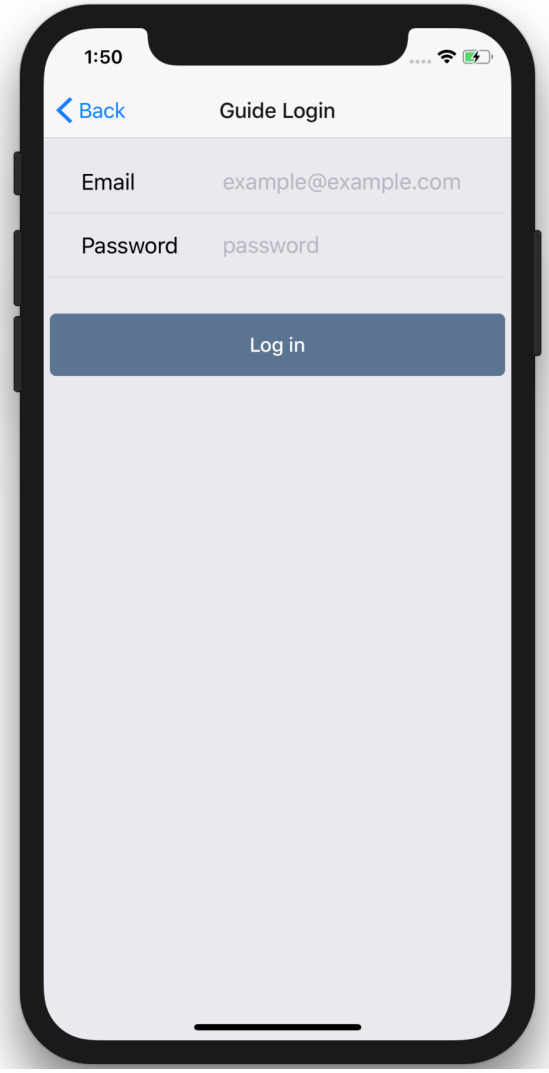
Screen 1

This is the first screen users see when they open the app. Tour guides can only log in with their account that we provide for them, they can't sign up in the app. Tourists can join a trip owned by a tour guide. They can either scan a QR code for the trip or enter the trip code. This will be better explained later on.

3. Tour guide

This part of the app is only for tour guides.

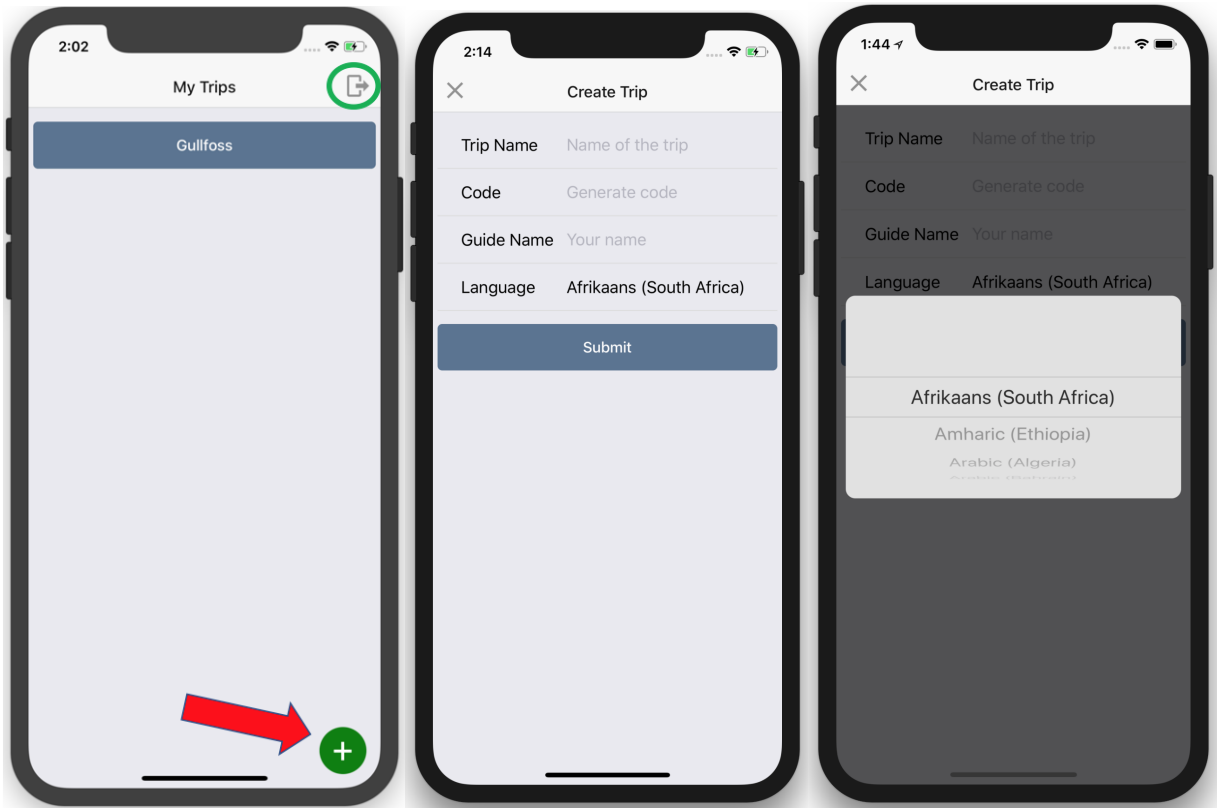
3.1 Login



Screen 2

Tour guides have to login to the app, they do that by entering their email and password. If the email and password he entered are correct he will be logged in and go to screen 3

3.2 Create a trip



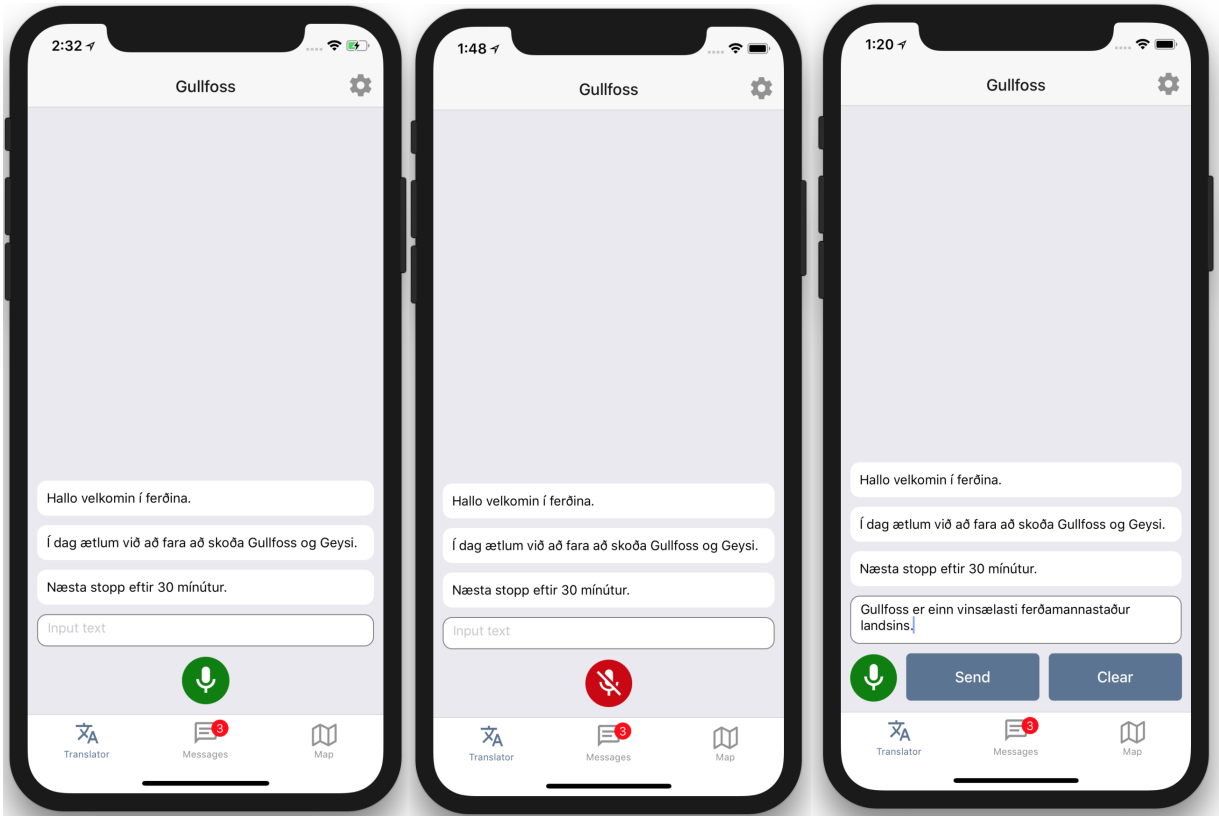
Screen 3 *Screen 4* *Screen 5*

Once a tour guide is logged in he will see a list of all his trips, if he has some, else there will be none. He can log out of the app by clicking the logout icon highlighted by the green ring on screen 3. If he wants to create a new trip he clicks on the green plus icon pointed to by the red arrow. He will then be navigated to screen 4 where he has to enter the name of the trip. The code for the trip has to be unique so it can be auto generated for him if he doesn't write anything in there. He can also write the code himself but he will get an error if the code is taken. The guide name field is optional but the tour guide has to select a language for the trip. Once he clicks the language field screen 5 will popup where he can scroll up and down and select the language he is going to speak in this trip. Then he clicks submit and navigates into the trip he just created.

3.3 Inside a trip

Once a tour guide is inside a trip he can access the translator screen, message screen and the map screen.

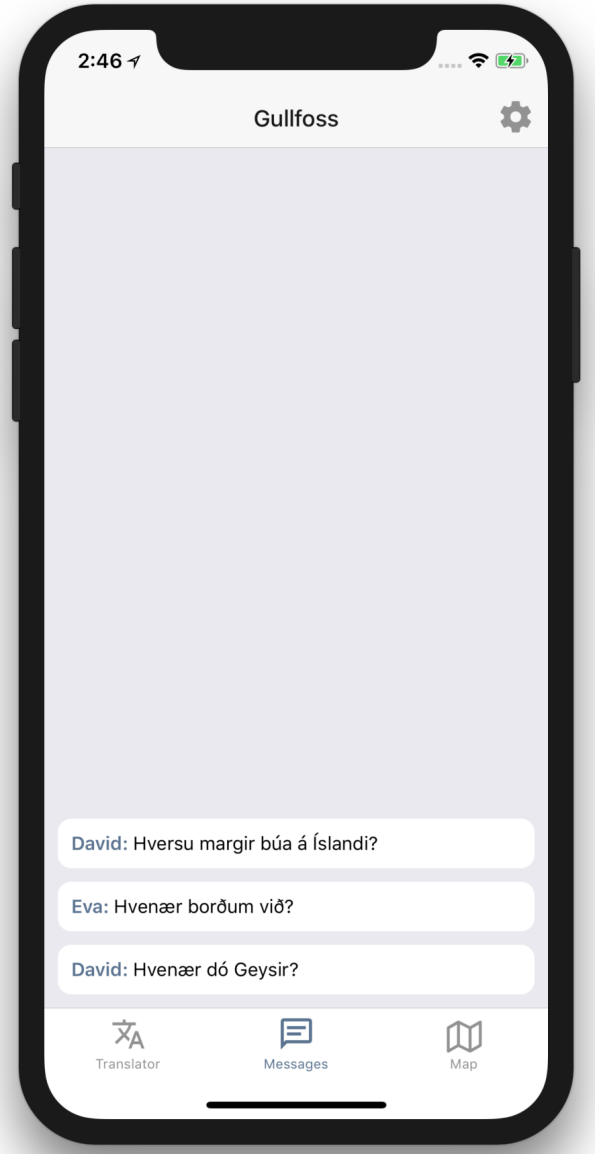
3.3.1 Translator screen



Screen 6 *Screen 7* *Screen 8*

In the translator screen (screen 6) the tour guide can click the green mic icon and then the mic icon will turn red as seen in screen 7. The tour guide speaks and then presses the red mic icon and the text he spoke will appear in the input section like in screen 8. He then has the options to send the message or clear the input box or speak again and the text he speaks will be added to the input box. If he sends the text message it will appear above the input box and also be sent to all the tourist in this trip.

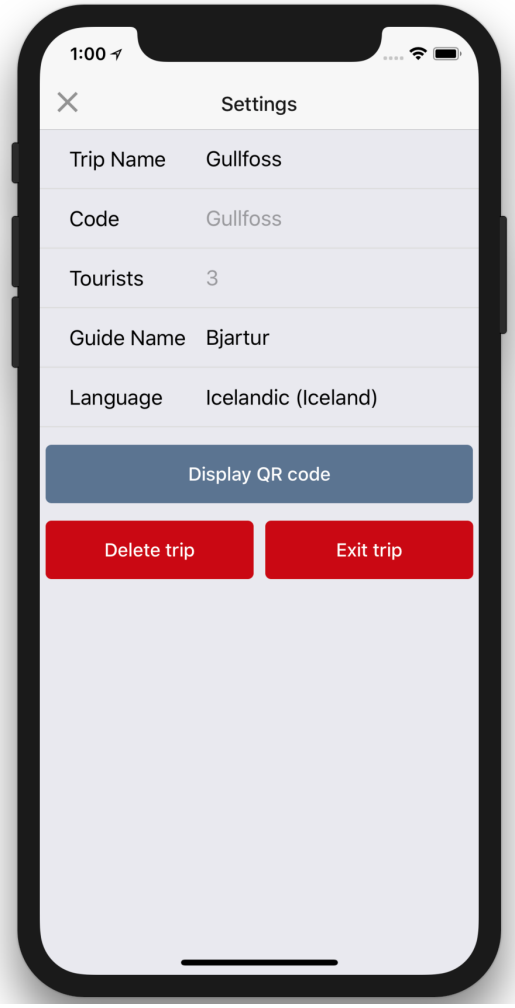
3.3.2 Message screen



Screen 9

In the message screen the tour guide can see all the messages sent to him from the tourists in the trip. Each message has the name of the tourist and the question. The messages are translated from the language the tourist wrote it in to the language that the tour guide selected for this trip. The Tour guide gets notified when a new message has arrived like we see in screen 7-9. They disappear when he navigates to the message screen like we see in screen 9.

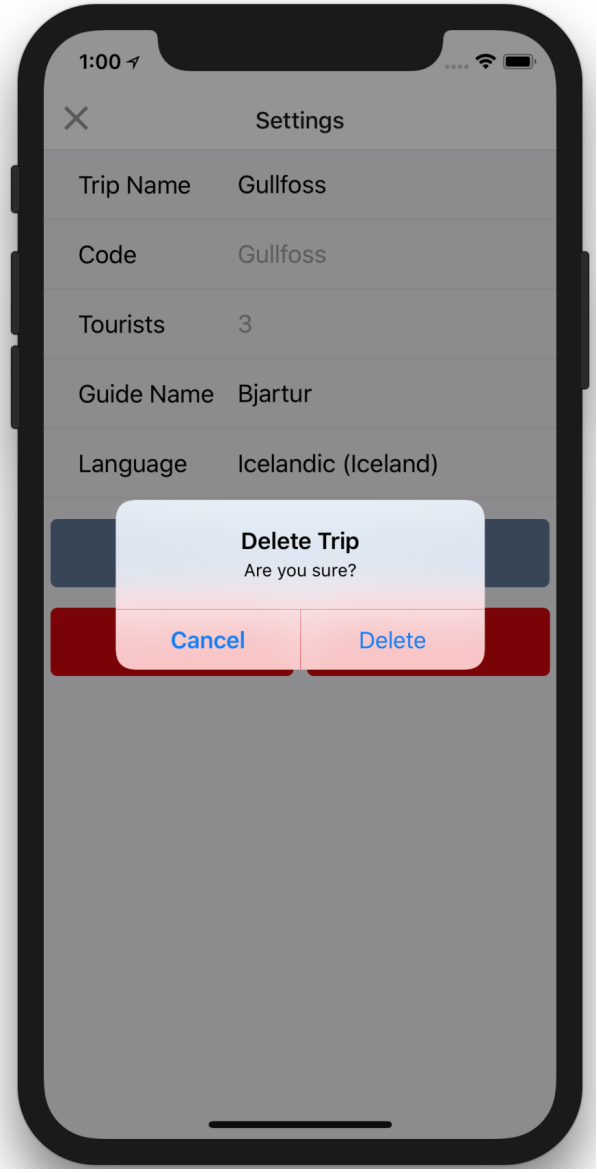
3.4 Trip settings



Screen 10

If the tour guide clicks on the gear icon on the top right corner in screens 6 - 9 he will get screen 10. In this trip settings screen the tour guide can see the code for this trip, the number of tourist in the trip, the trip name, the guide name and the language of the trip. He can edit the trip name, the guide name and the language of the trip by changing them in this screen. The tour guide can also exit the trip by clicking on the red “Exit trip” button. He then navigates to screen 3.

3.4.1 Delete trip



Screen 11

If a tour guide wants to delete a trip he can do that in the trip settings screen. He clicks the red “Delete trip” button in screen 10 and then this alert window pops up. If he clicks on delete the trip will be deleted and he will navigate back to screen 3. If he clicks on cancel he will navigate back to screen 10 and the trip still exists.

3.4.2 Display QR code

Screen 12

Tour guide can also display the QR code for the trip on his phone in the trip settings screen. He clicks on the blue “Display QR code” button in screen 10 and then the QR code will pop up on the screen like in screen 12. If he wants to go back to screen 10 he just clicks anywhere on the dark surface in screen 12.

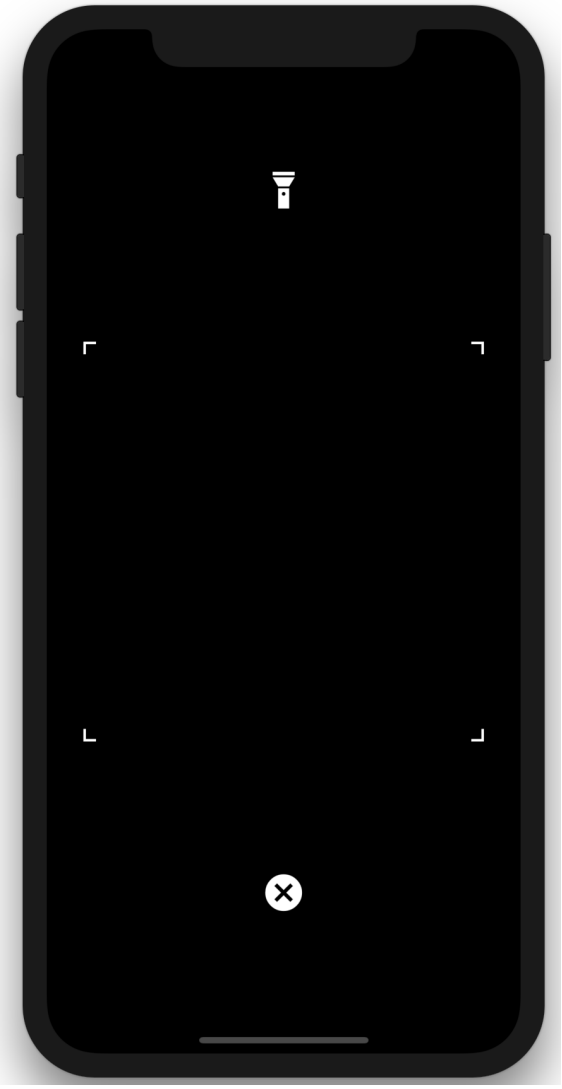
4. Tourist

This part of the app is for tourists

4.1 Going into a trip

Tourists have two ways of going into a trip, either scanning the trip QR code or typing the trip code.

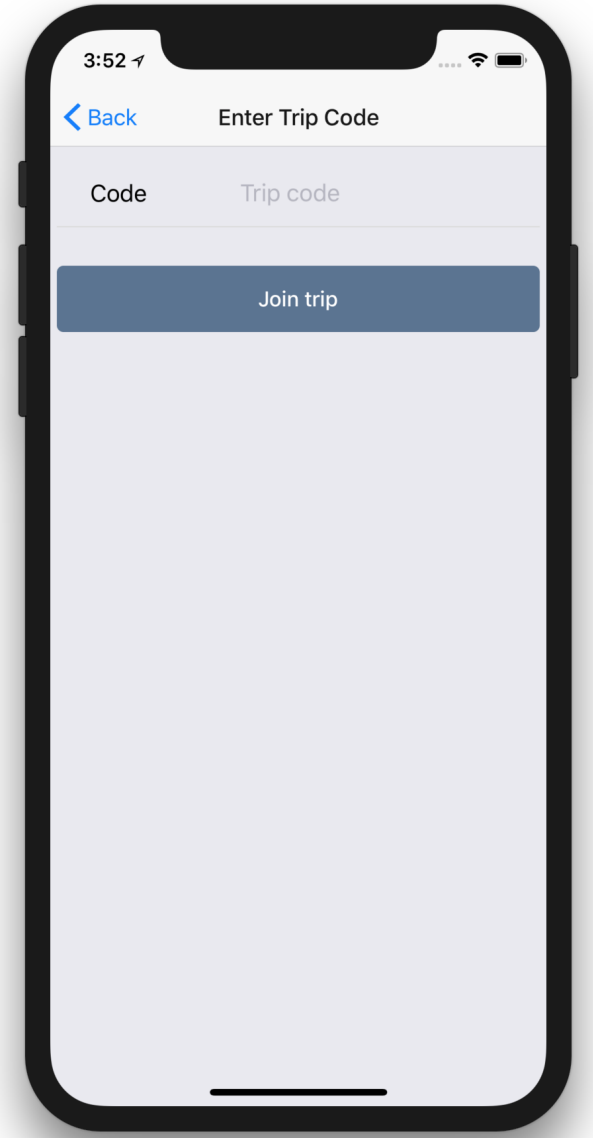
4.1.1 Scan QR code



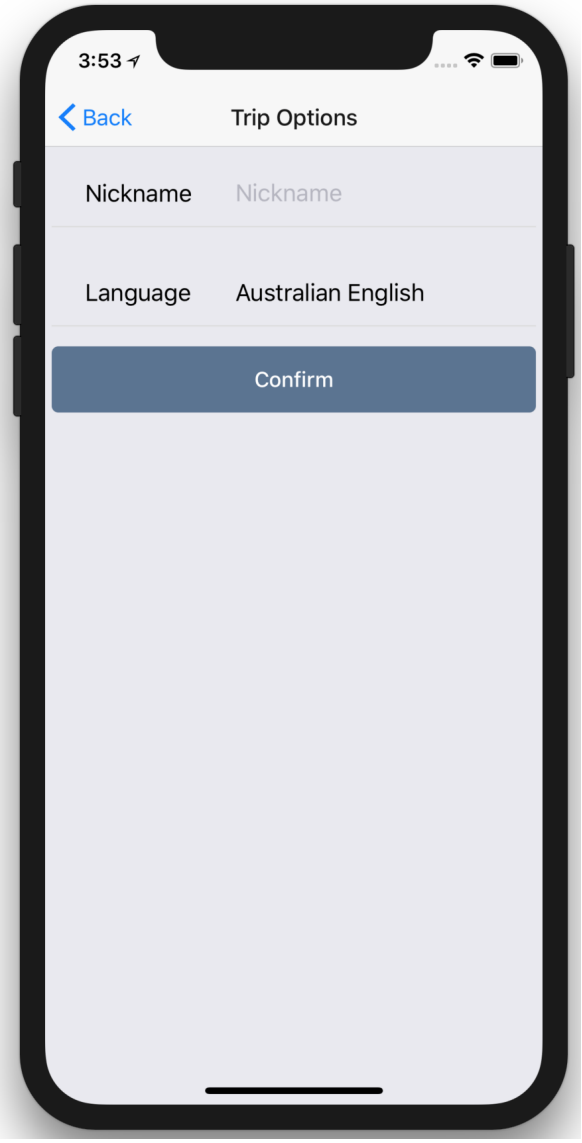
Screen 13

If a tourist wants to scan the QR code of the trip he clicks the button “Scan QR code” on screen 1 and screen 13 will pop up. Here you can turn on the flashlight on your phone by clicking the flashlight icon. You can also exit the screen by clicking the x icon, then you go back to screen 1. But the main purpose of this screen in scan the QR code of the trip you want to enter as a tourist. If it is successful you will navigate to page 15 right away.

4.1.2 Enter trip code



Screen 14



Screen 15

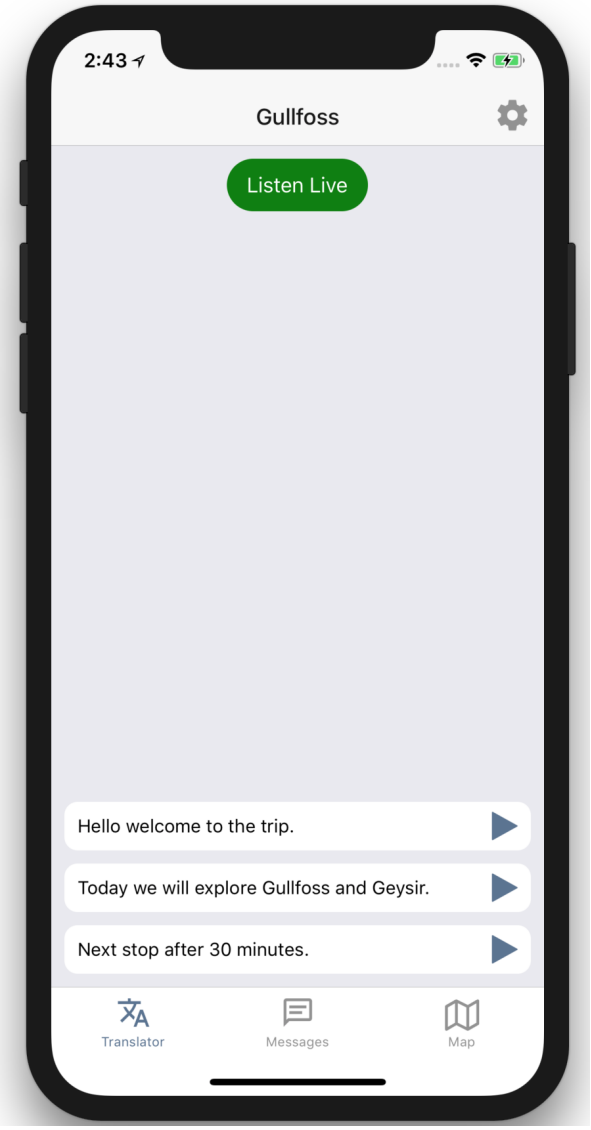
If a tourist chooses to enter the trip code he will be navigated to screen 14. There he types in the trip code and clicks join trip. If the trip code he typed does not exist he gets

an error message saying “trip not found” but if the trip code exists he navigates to screen 15.

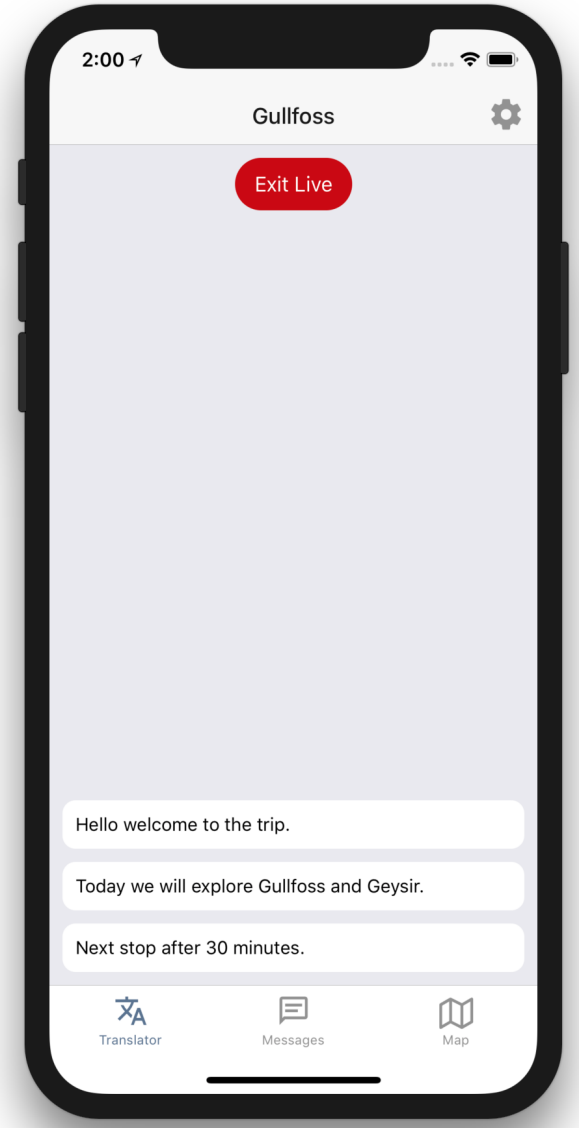
In screen 15 the tourist has to enter a nickname for him in the trip. The nickname has to be unique so if he types a nickname that is already taken for this trip there will be displayed an error message saying “Nickname is taken”. He then has to select the language he wants to listen to the tour guide in. If he clicks on confirm he will navigate to screen 16.

4.2 Inside the trip

4.2.1 Translator screen



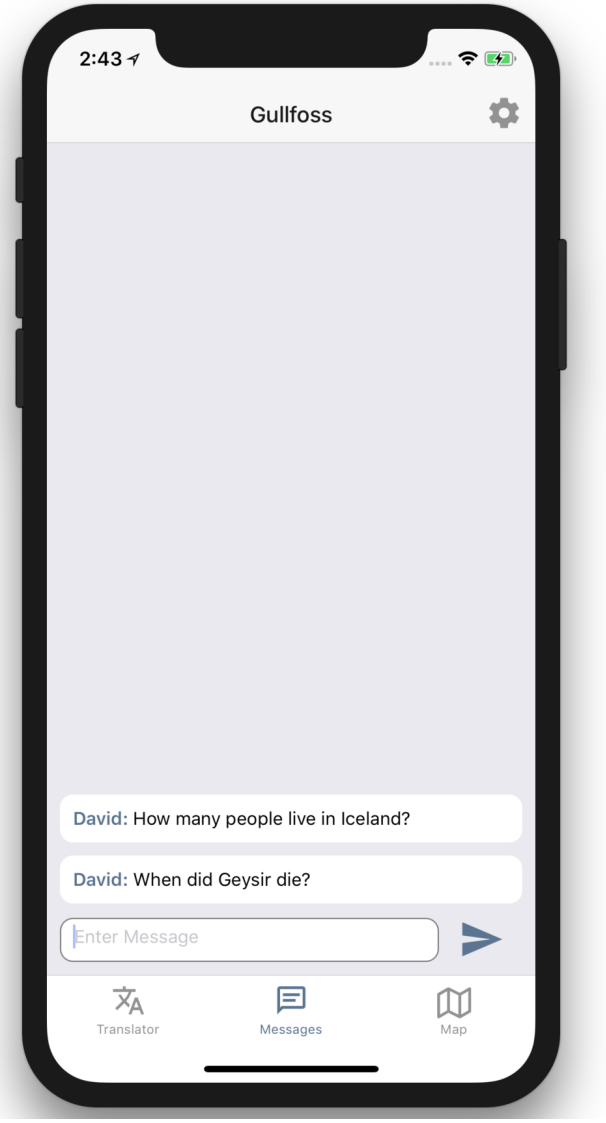
Screen 16



Screen 17

Once a tourist enters a trip he gets to the trip translator screen. There he can listen to the messages that are already in the trip by clicking the blue play button on each text message. He can also press the “Listen live” button, then when the tour guide sends a new text message they will be automatically played. While the tourist is in listen live mode he can’t listen to individual messages like in screen 16. If he wants to do that he has to press the “Exit live” button.

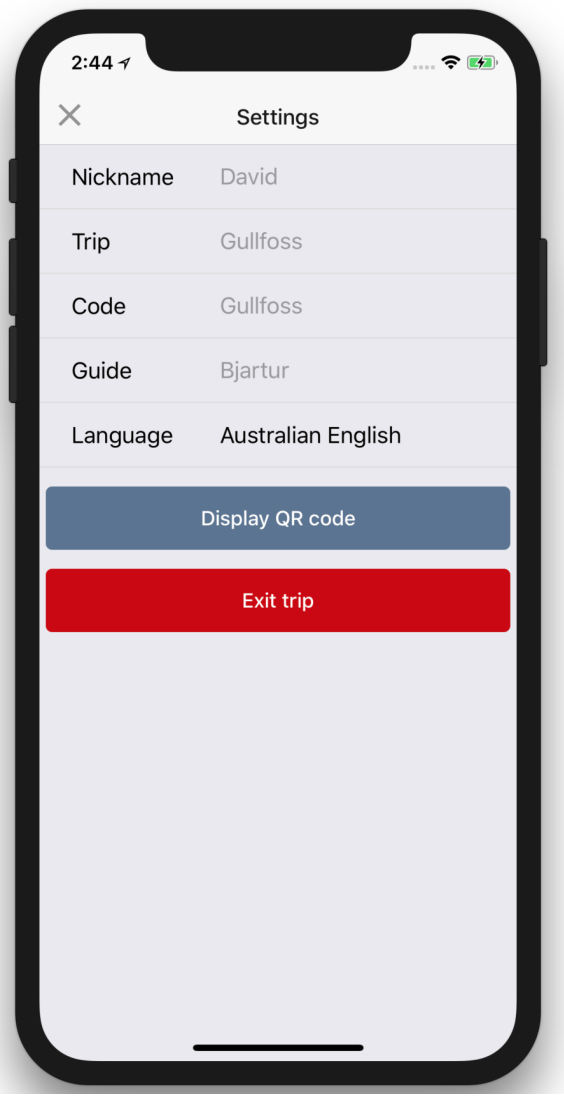
4.2.2 Message screen



Screen 18

In the message screen a tourist can send a message to the tour guide. The messages the tourist sends will be displayed on the screen above the text input box. The tourist can only see the messages he sends.

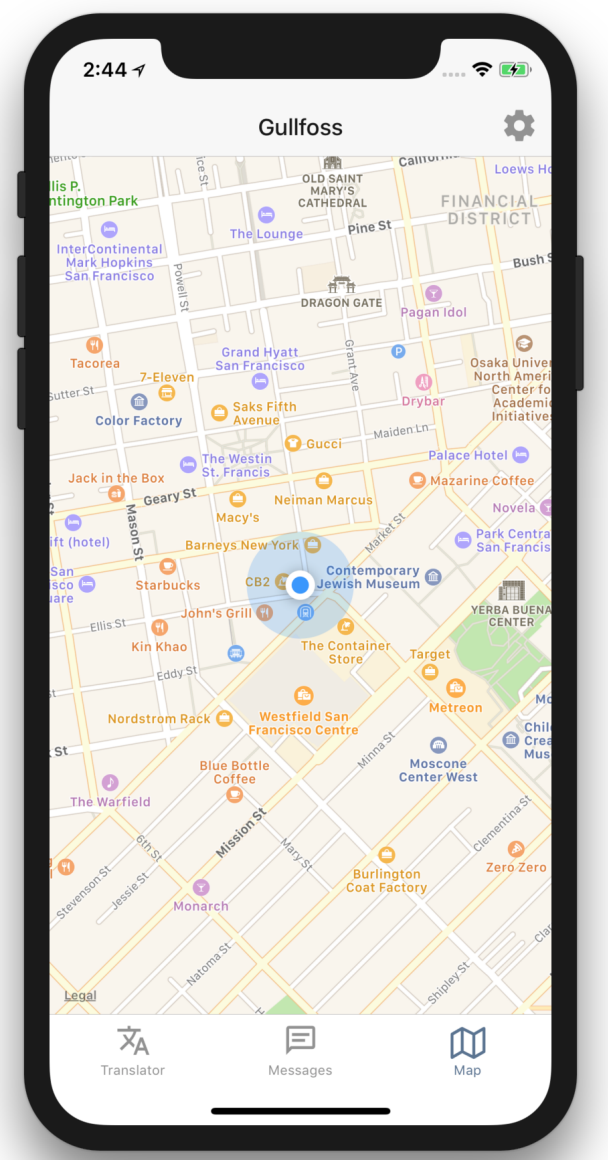
4.3 Trip settings screen



Screen 19

If a tourist clicks on the gear icon on the top right corner in screens 16 - 18 he gets screen 19. In this trip settings screen the tourist can see his nickname, the trip name, the trip code, the guide name and the langage the tourist selected. He can change the language but nothing else. He can also display the QR code like the tour guide can and exit the trip that will take him to screen 1.

5. Map screen



Screen 20

The map screen is available for both tourist and tour guides inside a trip. There you can see your location and see a map of the whole world.