# LAB#5

<u>Lab1</u>

1. The names of your team members?

   A. Saif Alabdali
   B. Qusay Sinnari

2. What it the general project idea?

   Pocket sign language translator is a phone app that helps the user to translate and learn sign language for easier communication with deaf people.

3. Who are the targeted users?

   People who don't know sign language

4. What are the main problems we are trying to solve?

   Communication problems with deaf people

5. How are you going to collect the data from the users?

   Users feedback methods

6. How are you going to find users?

   Online advertisement

7. What questions are you going to ask?

   A. Have you ever had a communication problem with someone deaf?
   B. Do you want to learn sign language?
   C. Do you think learning sign language is difficult? (If yes tell us why?)
   D. What do you think about the idea?
   E. What is the most difficult language to learn in your opinion?

## Lab2

8. The link to your online questioner.

   https://docs.google.com/forms/d/e/1FAIpQLSemZ7w6z-aZ3OfATkTHxgxXRonZyOl9Rn52ongSXqKFewqRPg/viewform?usp=sf_link

9. The raw data collected from the users.
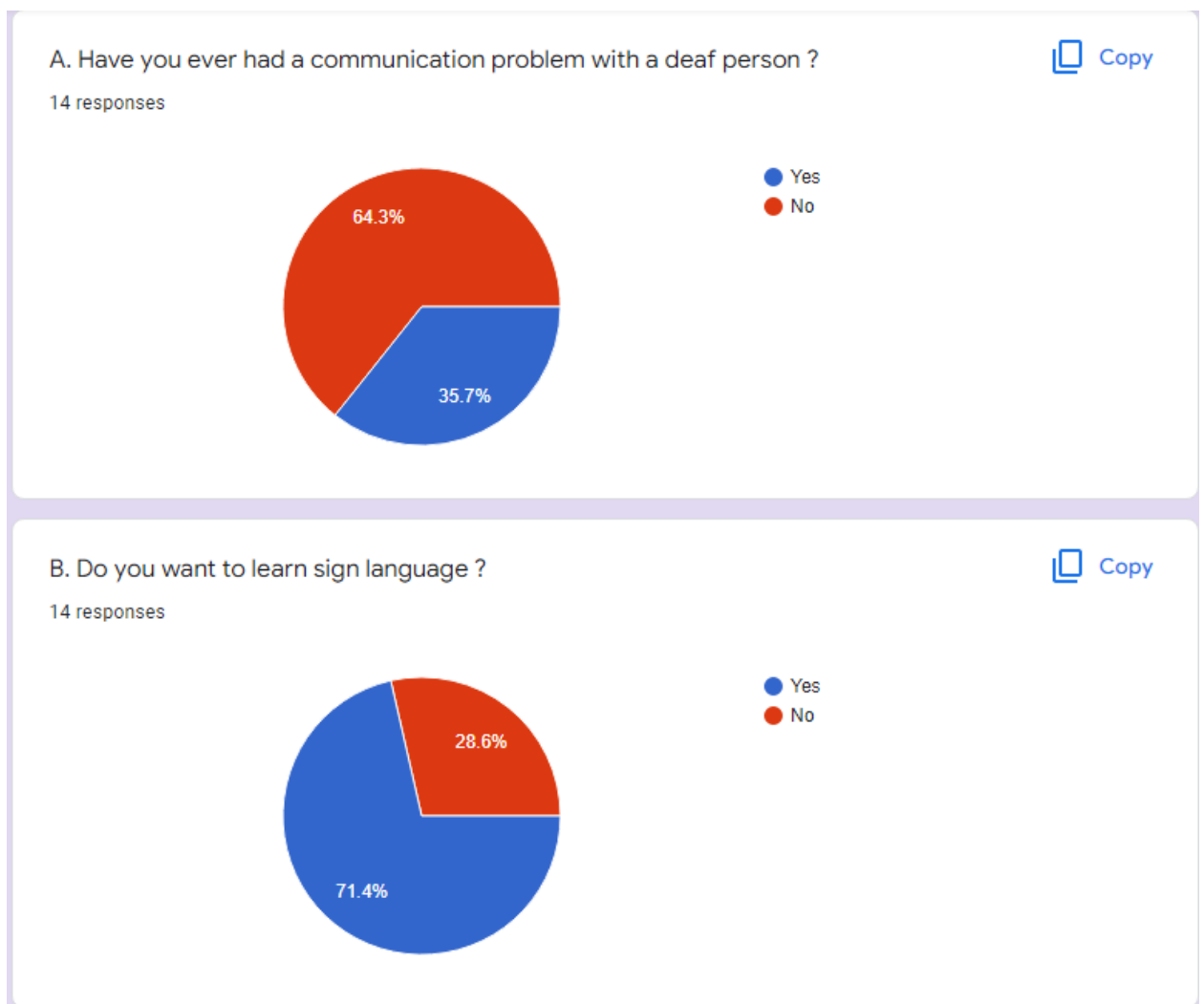
   14 answers so far

10. List of 5 user needs.

    A. People need an app that work and functions like google translate but instead it's for sign language
    B. Quick and fast
    C. Reliably
    D. Works without have access to internet (offline)
    E. Easy communication with the developer for feedback

11. List of 5 insights\ideas.

    A. Offline
    B. Supports Arabic and English
    C. Free of cost
    D. IOS\android
    E. Easy to use

12. A simple visualization of the data collected.

A. Have you ever had a communication problem with a deaf person ?
14 responses

Copy

- Yes
- No

64.3%

35.7%

B. Do you want to learn sign language ?
14 responses

Copy

- Yes
- No

28.6%

71.4%

## D. What do you think about the idea?

5 responses

I really like it

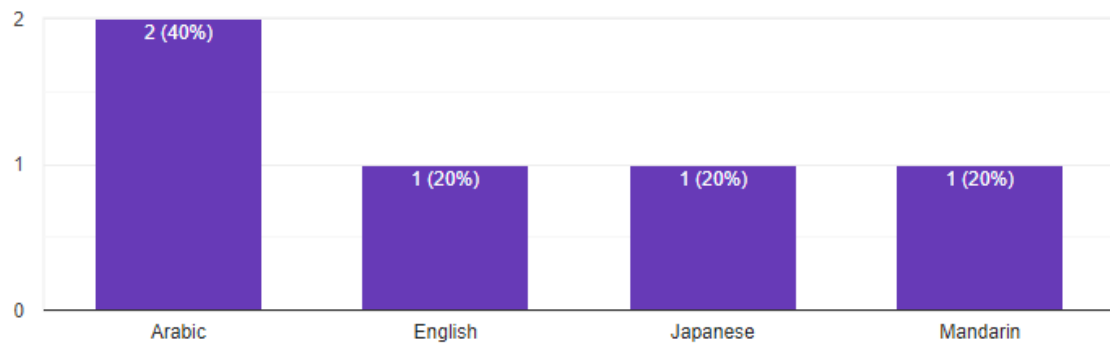I'm interested

I don't like it

Sign Language is awesome and provides another mean of communication to alleviate the handicap (mute or fully deaf) some people may have.

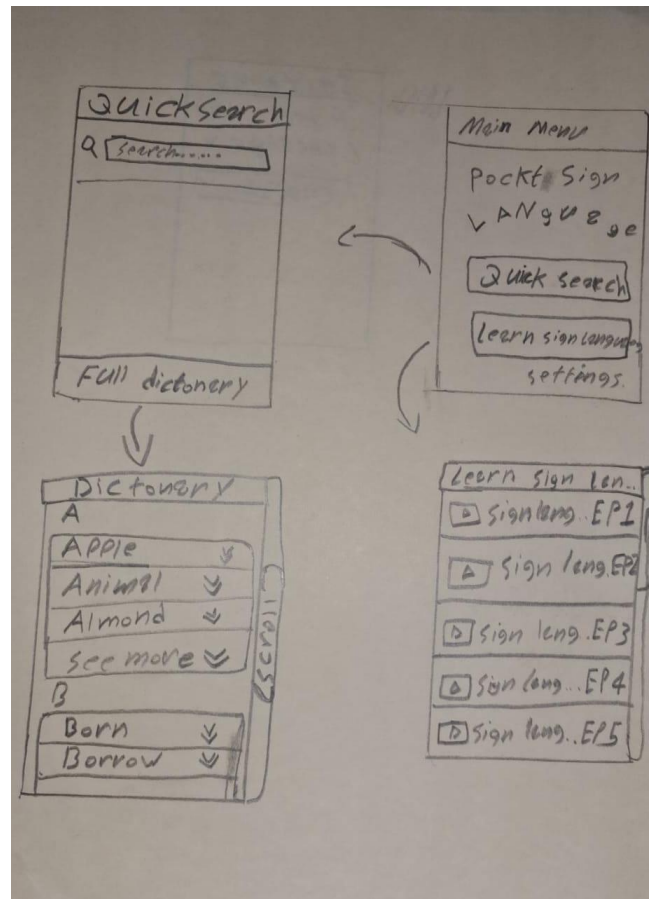An app to help learning sign language seems like a really cool idea and I would certainly use it

## E. What is the most difficult language to learn in your opinion?    Copy
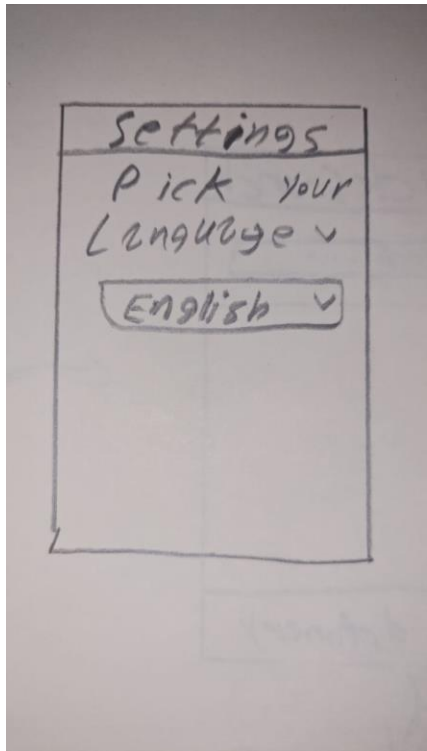
5 responses



| Language | Count |
| --- | --- |
| Arabic | 2 (40%) |
| English | 1 (20%) |
| Japanese | 1 (20%) |
| Mandarin | 1 (20%) |

## Lab3



1- **Main Menu : The user will pick between 3 options when they first enter the app.**
2- **Quick Search : The user will type a word and see the sign of that word quickly !**
3- **Dictionary : To give the user a way to explore the signs !**
4- **Learn Sign Language : If the user wants to learn sign language , we provided videos to teach people sign language for beginners !**

5- **Settings : If the user wants to change the language they use !**

Lab4

Pocket Sign
Language

Quick Search

Learn Sign Language

Settings

# Settings

Pick Your Language ⤵

English ⌄

## Learn Sign Language

Sign Language EP1

Sign Language EP2

Sign Language EP3

Sign Language EP4

Sign Language EP5

Q    Search

# Dictionary

## A

| | |
|---|---|
| Apple | » |
| Animal | » |
| Almond | » |
| See More | » |

## B

| | |
|---|---|
| Born | » |
| Borrow | » |
| See More | » |