Sketches and Storyboards

Team: dew == true;

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1) Cohesive list

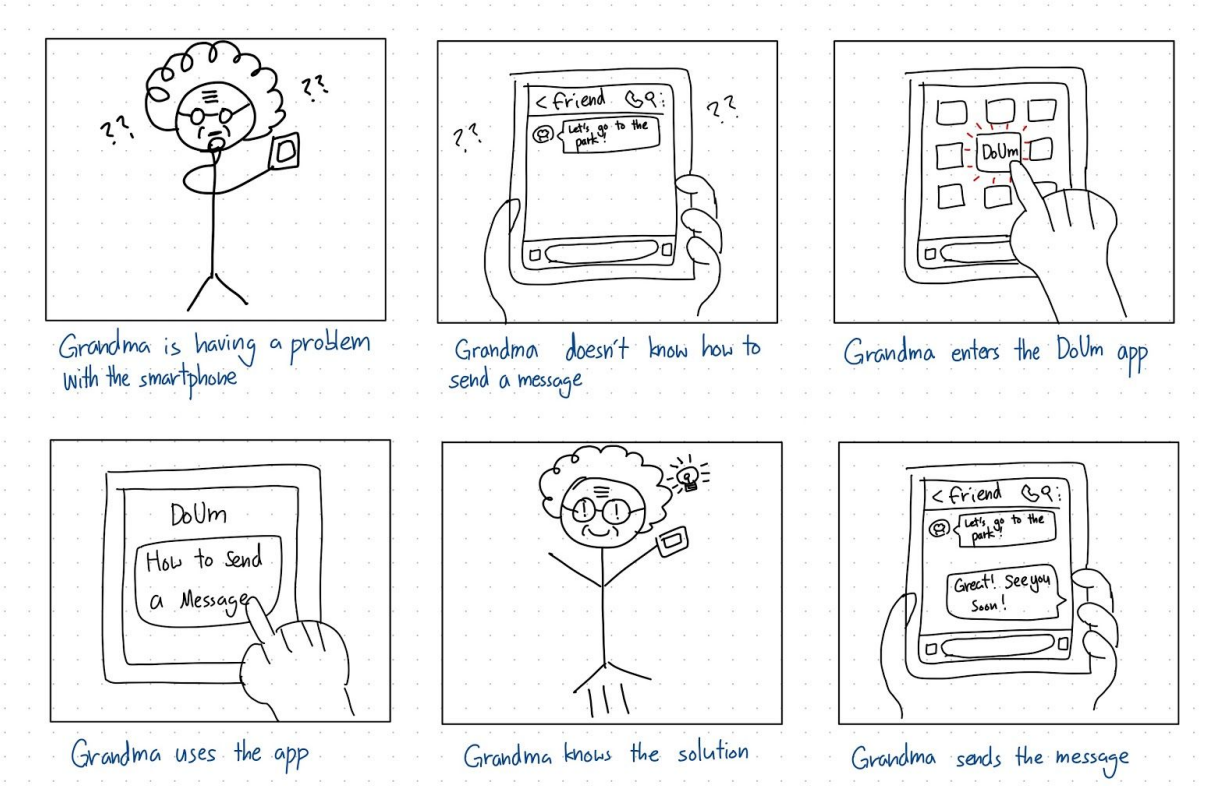
- **A tutorial that solves specific problems**
    - Solve problems via video chat. This can be a suitable solution for those who want to solve the problem face to face.
    - Support real-time frequently searched question ranking
- **Provide a tutorial course for new applications, so users can learn one feature of an application per day**
    - Research what applications users are interested in learning
    - Top 9 popular applications
- **Give voice explanation and ask users to choose which solution they would like to get (similar to ARS)**
    - Add sound tutorial (for those who can't read and those who are more comfortable to listen to)

2) <u>Storyboard</u>

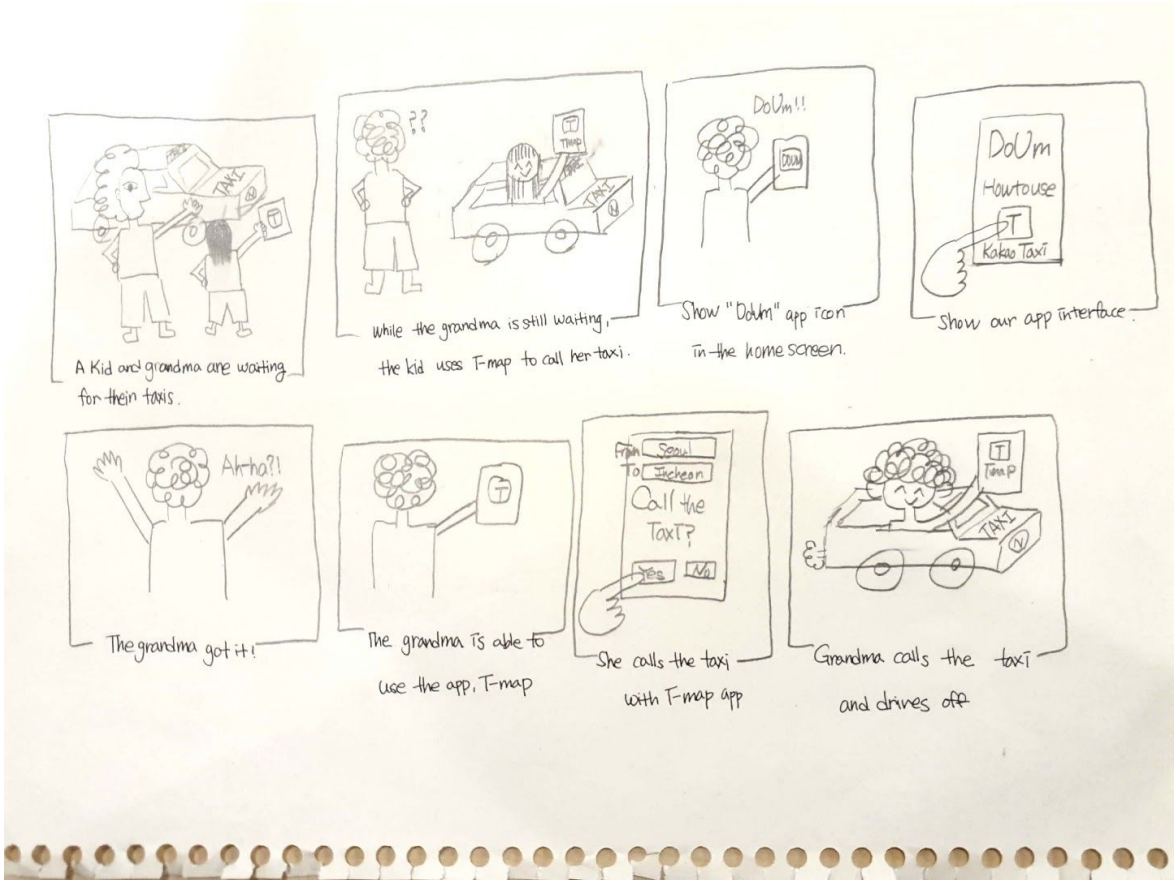
1. Title: A tutorial that solves specific problems

   Subtitle: Grandma solves a problem of sending a message

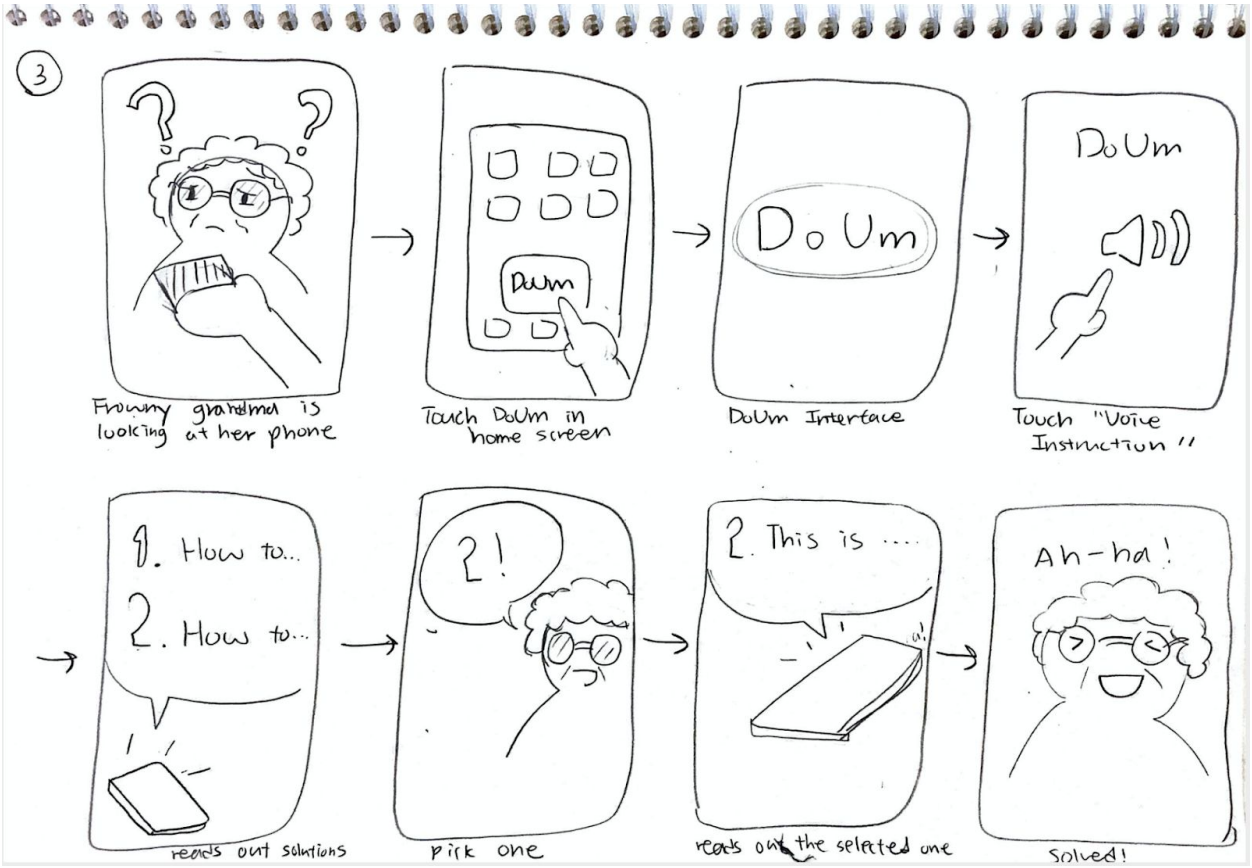
   a. Grandma is having a problem with the smartphone
   b. Grandma doesn't know how to send a message
   c. Grandma enters the DoUm app
   d. Grandma uses the app
   e. Grandma knows the solution
   f. Grandma sends the message



2. Title: A tutorial course for new applications
   Subtitle: Grandma learns how to use a taxi app
   a. A kid and grandma are waiting for their taxis
   b. While the grandma is still waiting, the kid uses T-map to call her taxi
   c. Show “DoUm” app icon in the home screen
   d. Show our app interface
   e. The grandma got it!
   f. Show the grandma is able to use the app, T-map
   g. She calls the taxi with T-map app
   h. Grandma calls the taxi and drives off



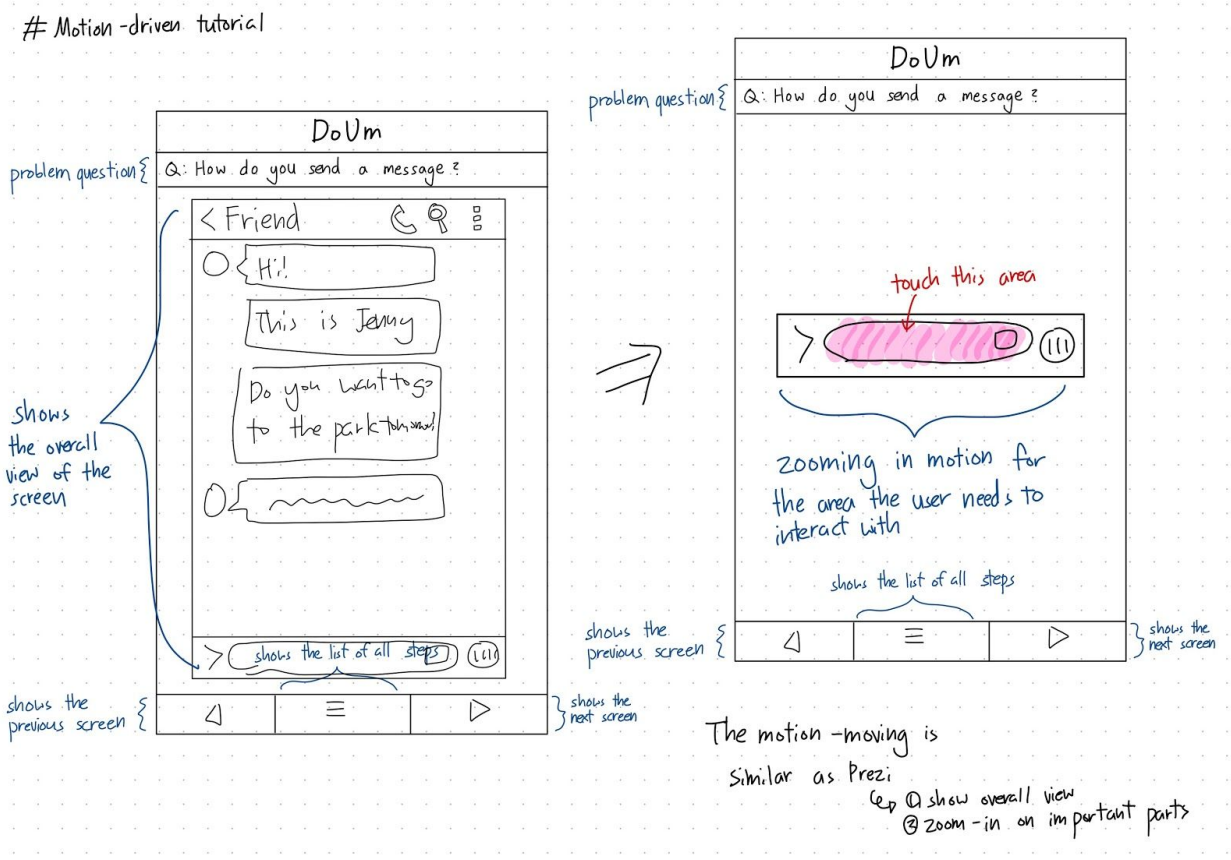
3. Title: Voice explanation and asking users to choose which solution they would like to get (similar to ARS)
   Subtitle: Grandma who has bad sight solves her problem with voice instruction in DoUm.
   a. Frowny grandma is looking at her phone with curiosity
   b. Touch “DoUm” app in the home screen
   c. Show DoUm interface
   d. Grandma touches button for “voice instruction”
   e. The voice reads out solutions
   f. Grandma picks one solution she wants to get
   g. The selected solution plays out.
   h. Problem solved.



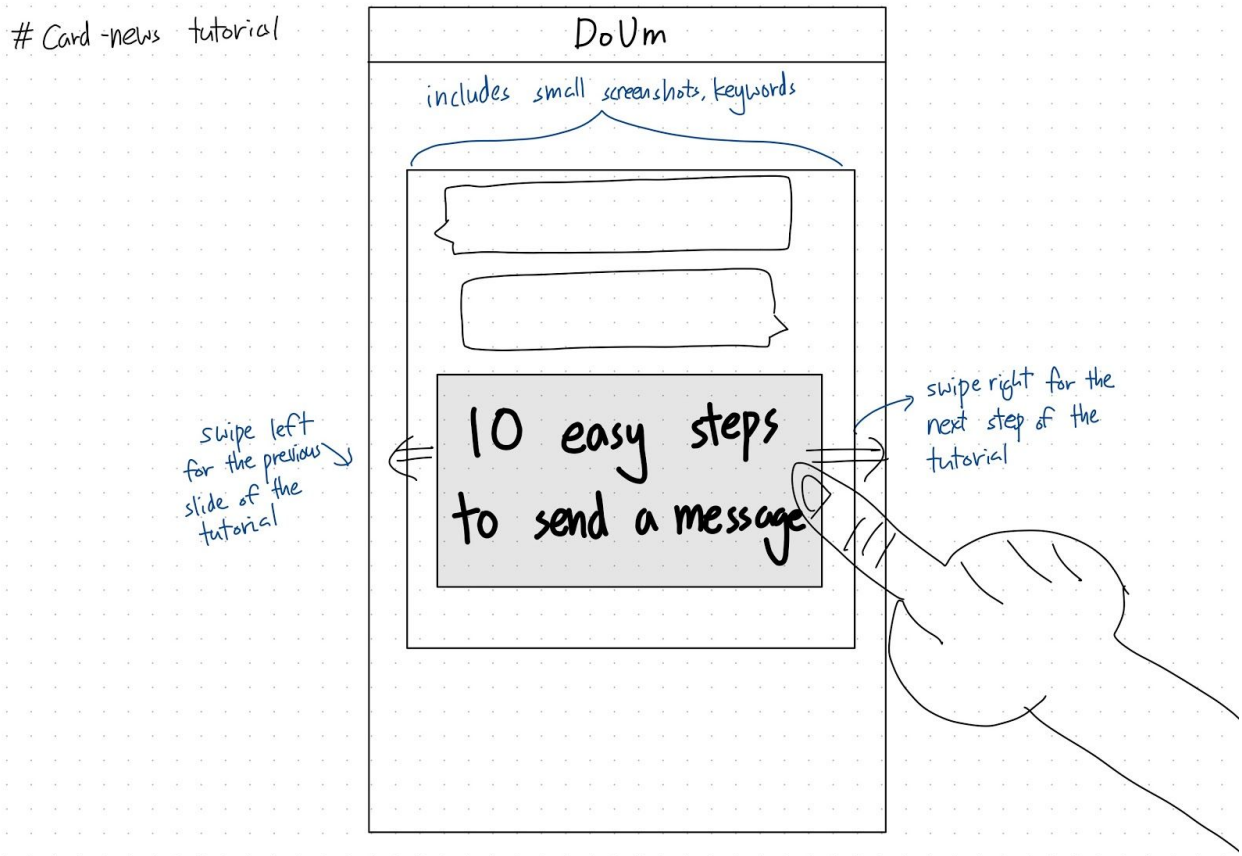
3) **Primary Interface Design**

Interface Design for Primary Task 1: A tutorial that solves specific problems

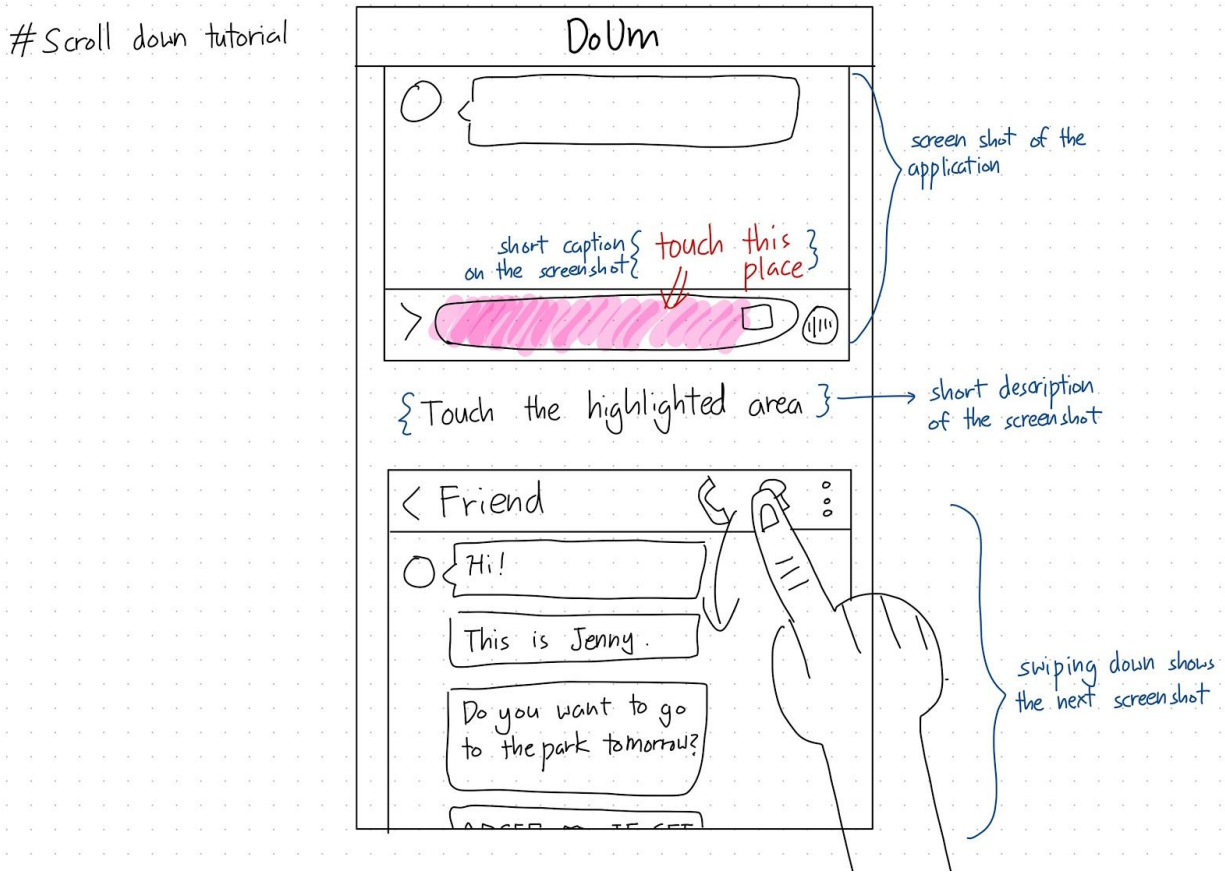
a) Motion-driven tutorial



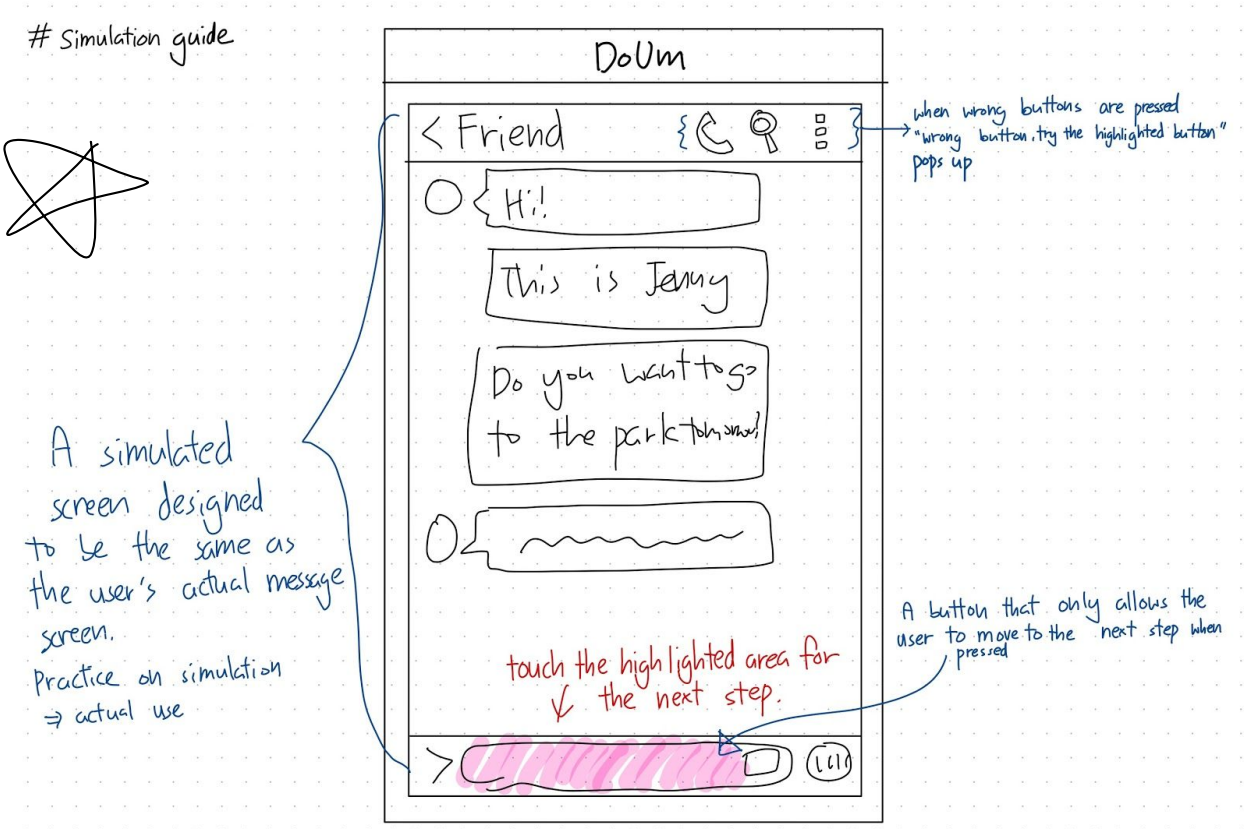
b) Card news tutorial



c) Scroll down tutorial

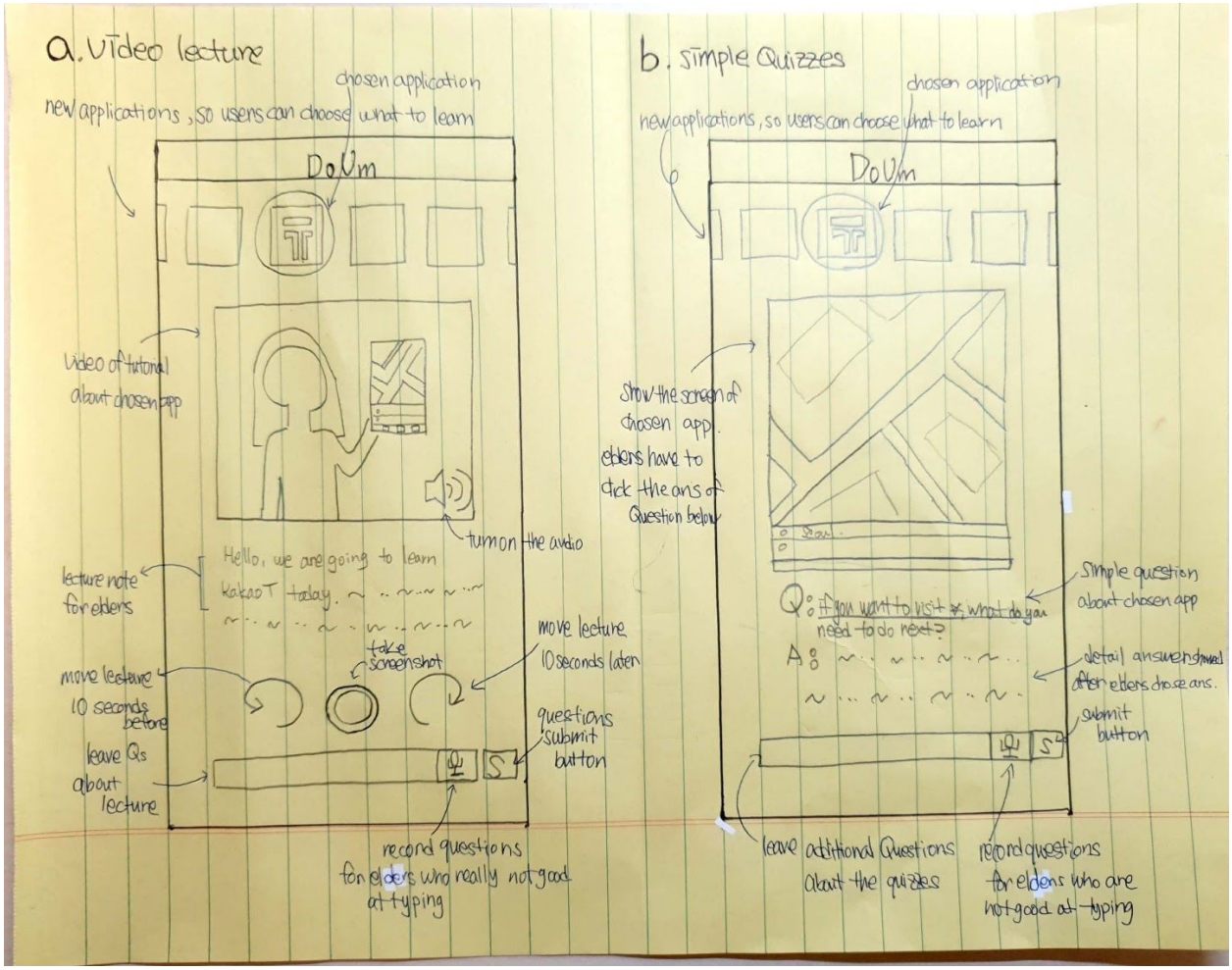


d) Simulation guide

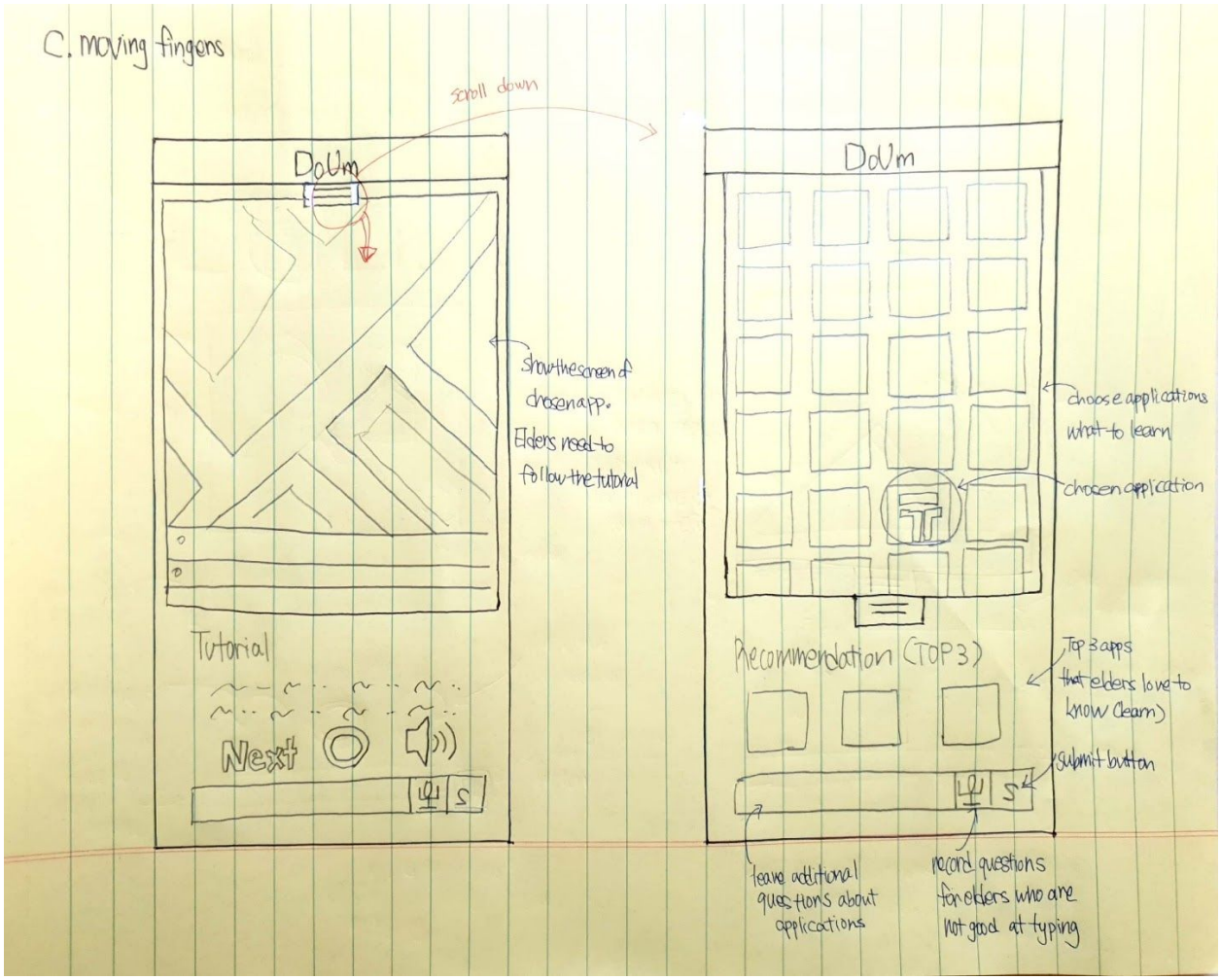


Interface Design for Primary Task 2: Provide a tutorial course for new applications

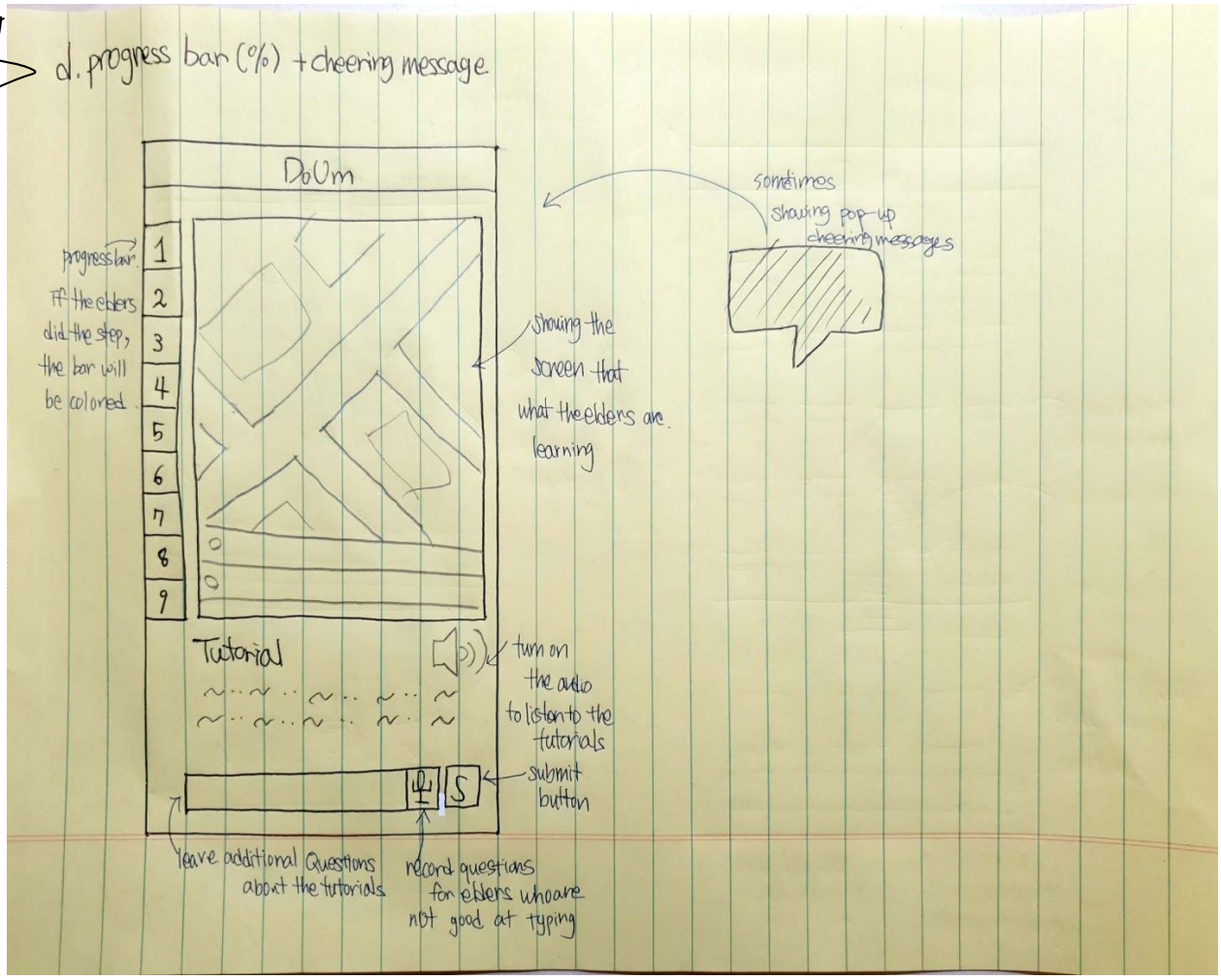
a) Video Lecture
b) Simple Quizzes



c) Moving Fingers

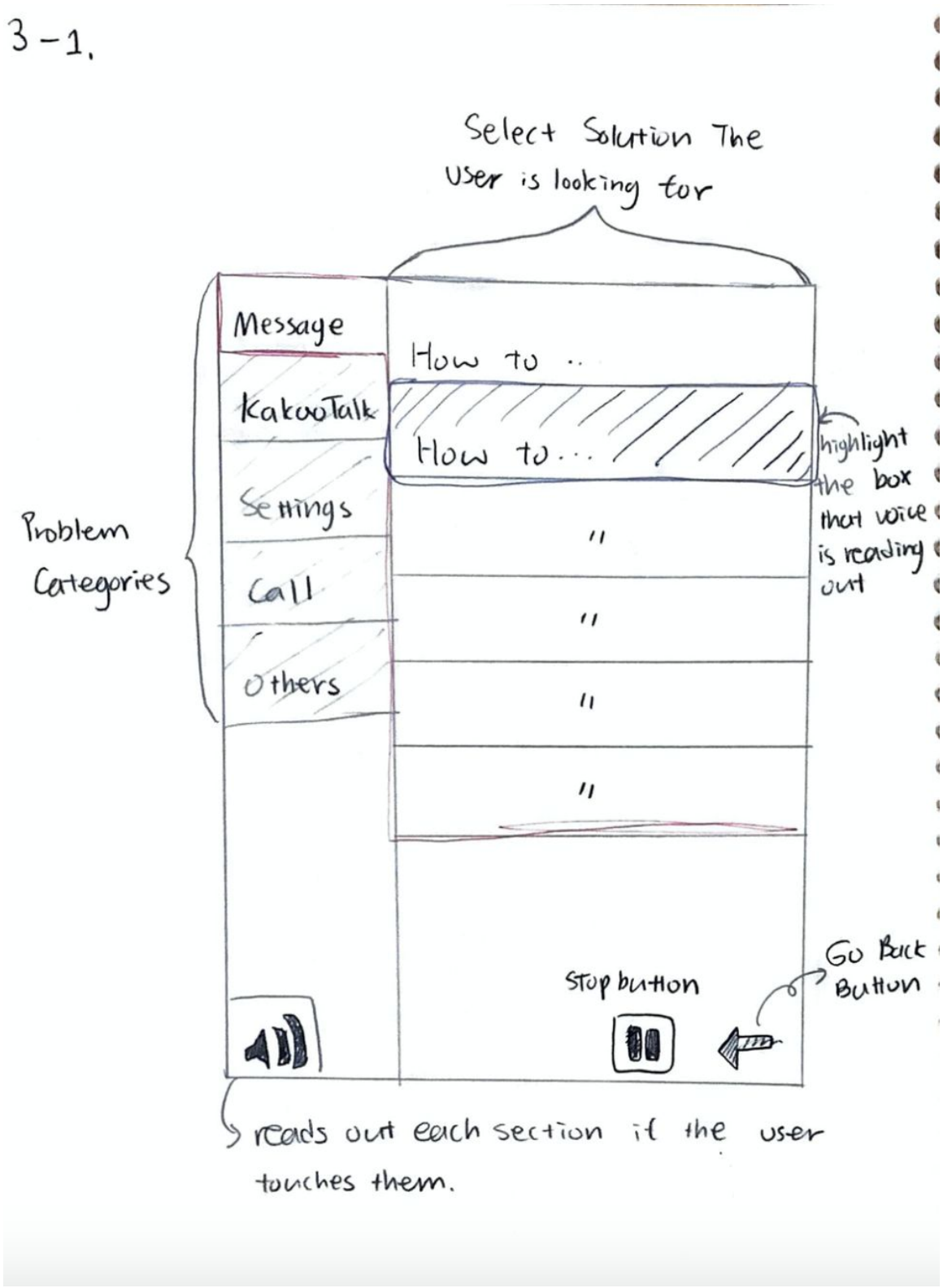


d) Progress bar (%) and Cheering Message



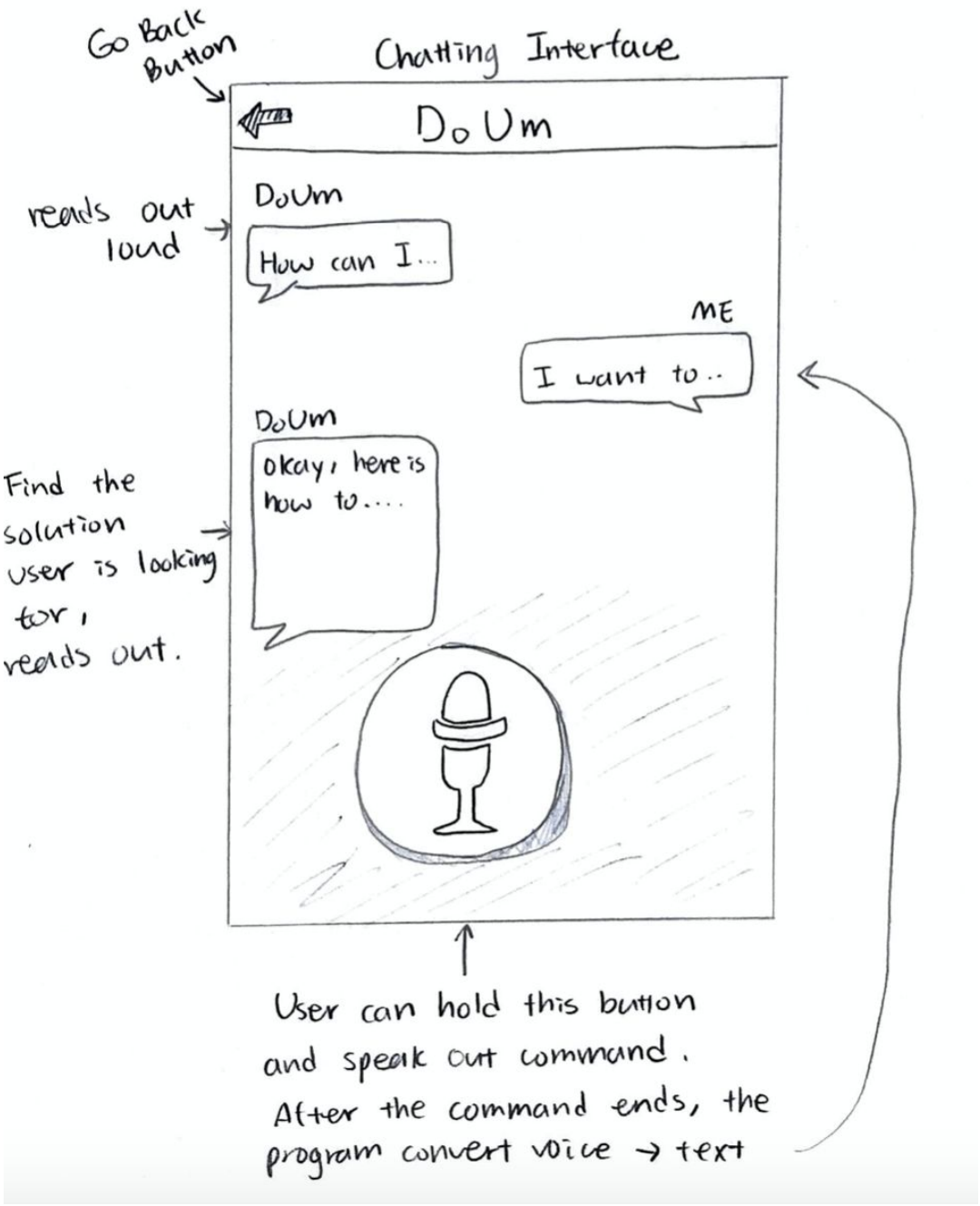
Interface Design for Primary Task 3: Give voice explanation

a) Divide categories and highlight current box being played



b) Voice Recognition

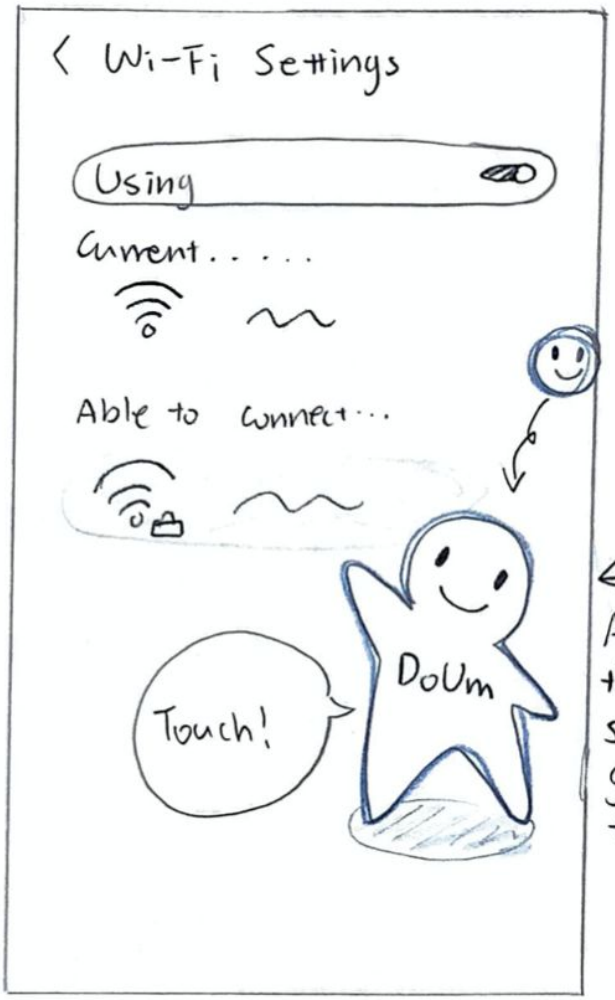
3-2.



c) AI character

3 - 3.

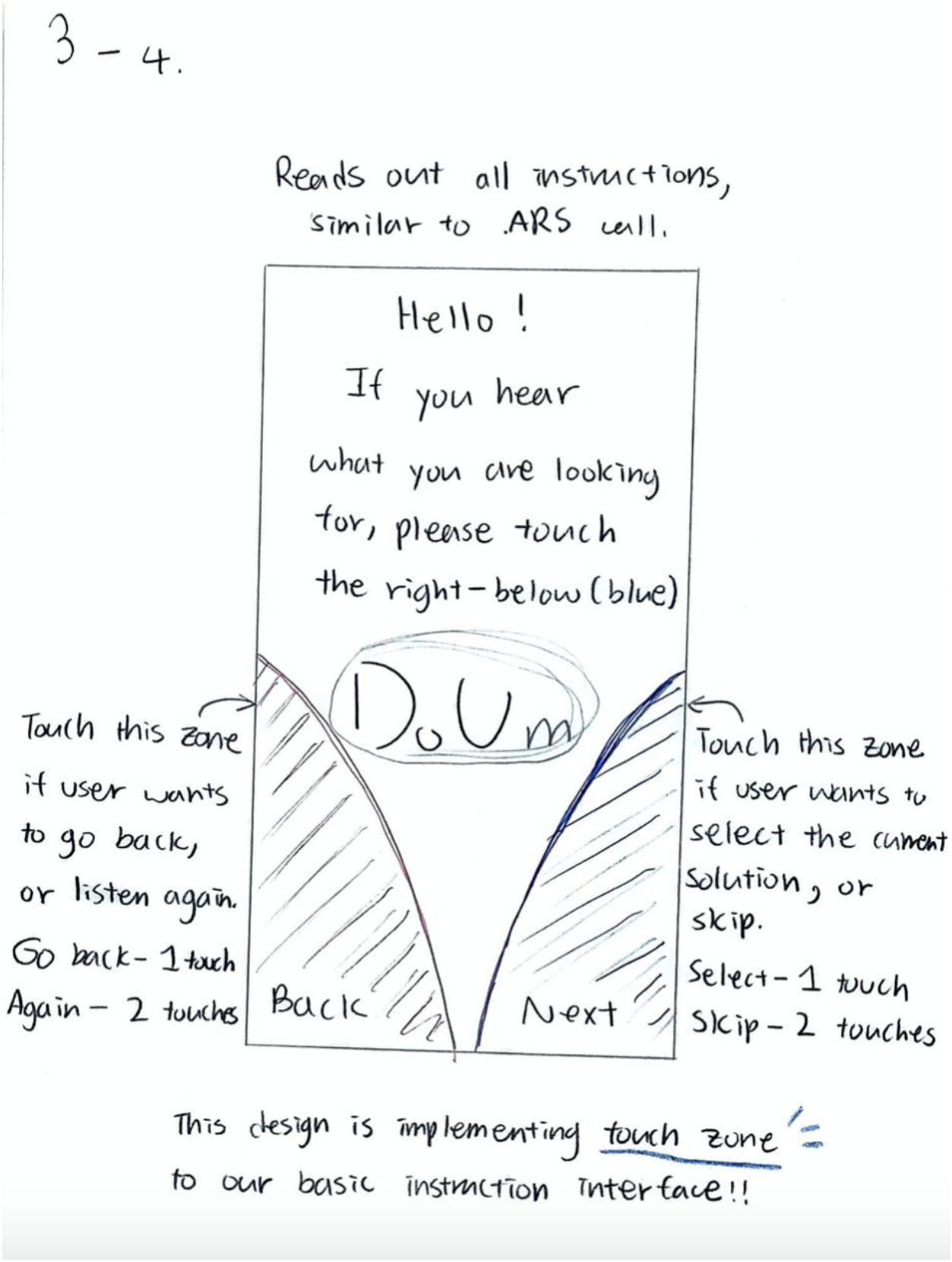
ex)
Wi-Fi setting screen



←DoUm Man!
An AR character that wanders screen and guide user through.

For users who need walk-through instruction, the "DoUm Man" can help them.
Like a pop-up, users can touch on side of their phone screen. The DoUm Man will pop up and point out what to do with voice instruction.

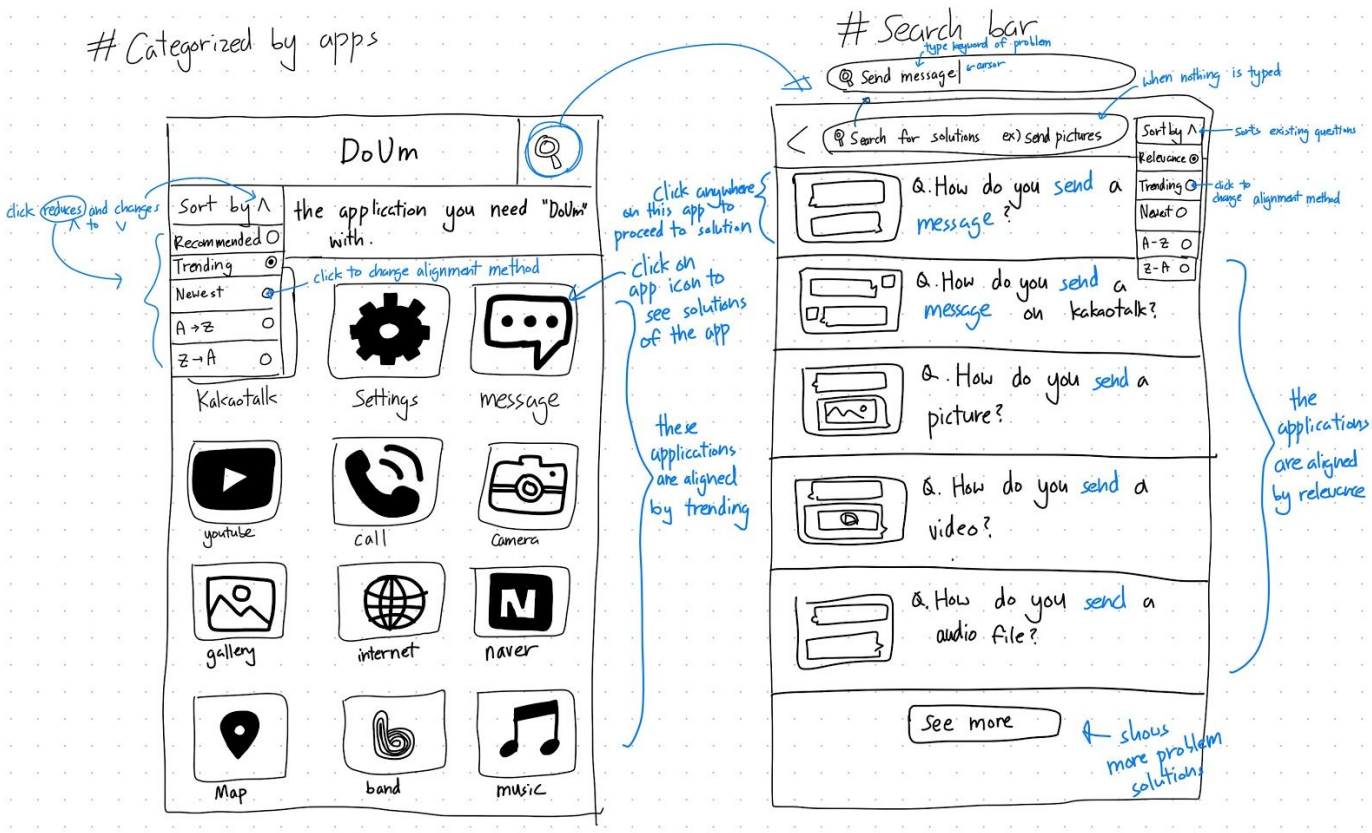
d) Touch mechanism



4) <u>Secondary Interface Design</u>

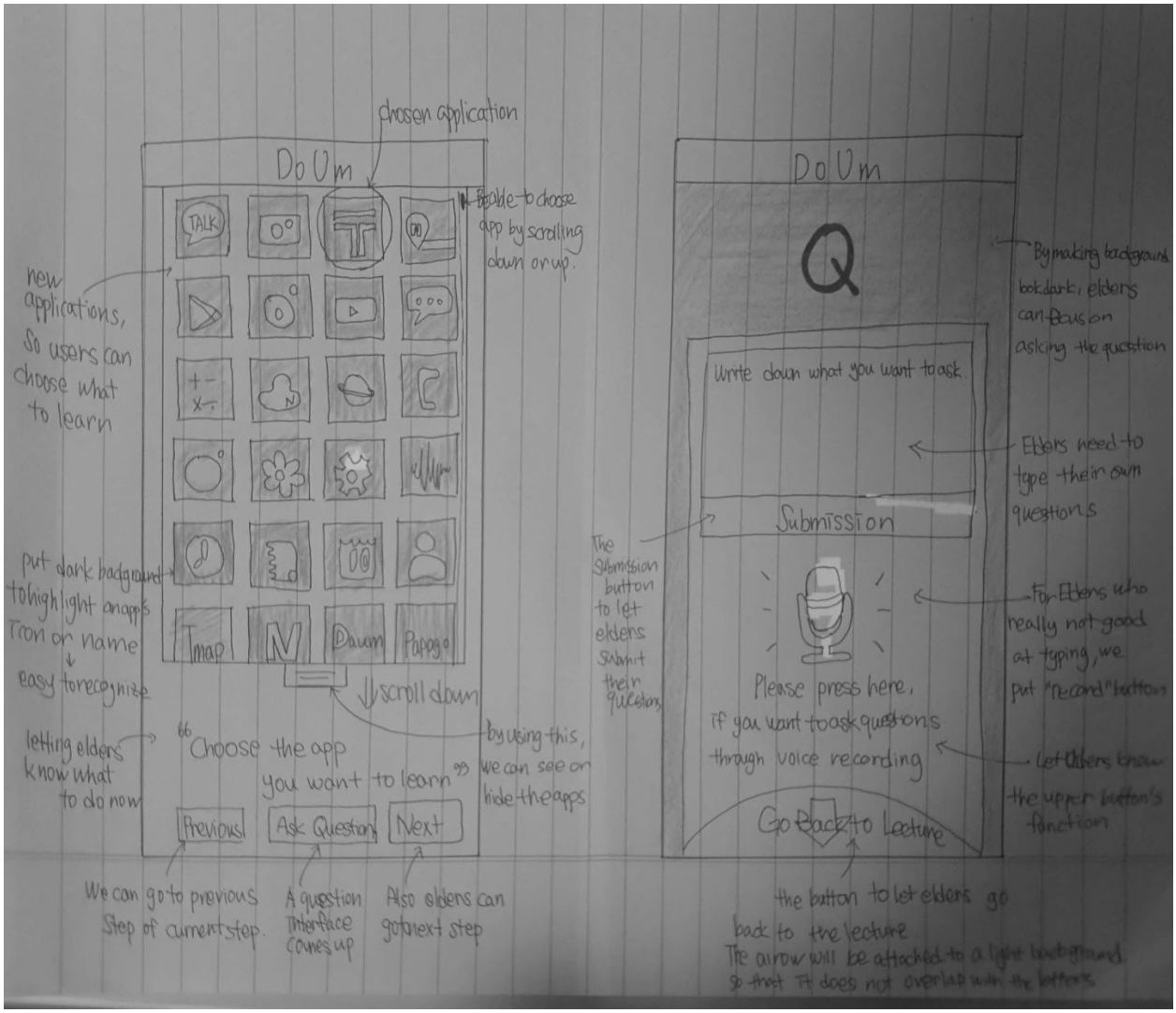
Secondary Interface Design for Primary Task 1: A tutorial that solves specific problems

a) Categorized by applications
b) Search bar

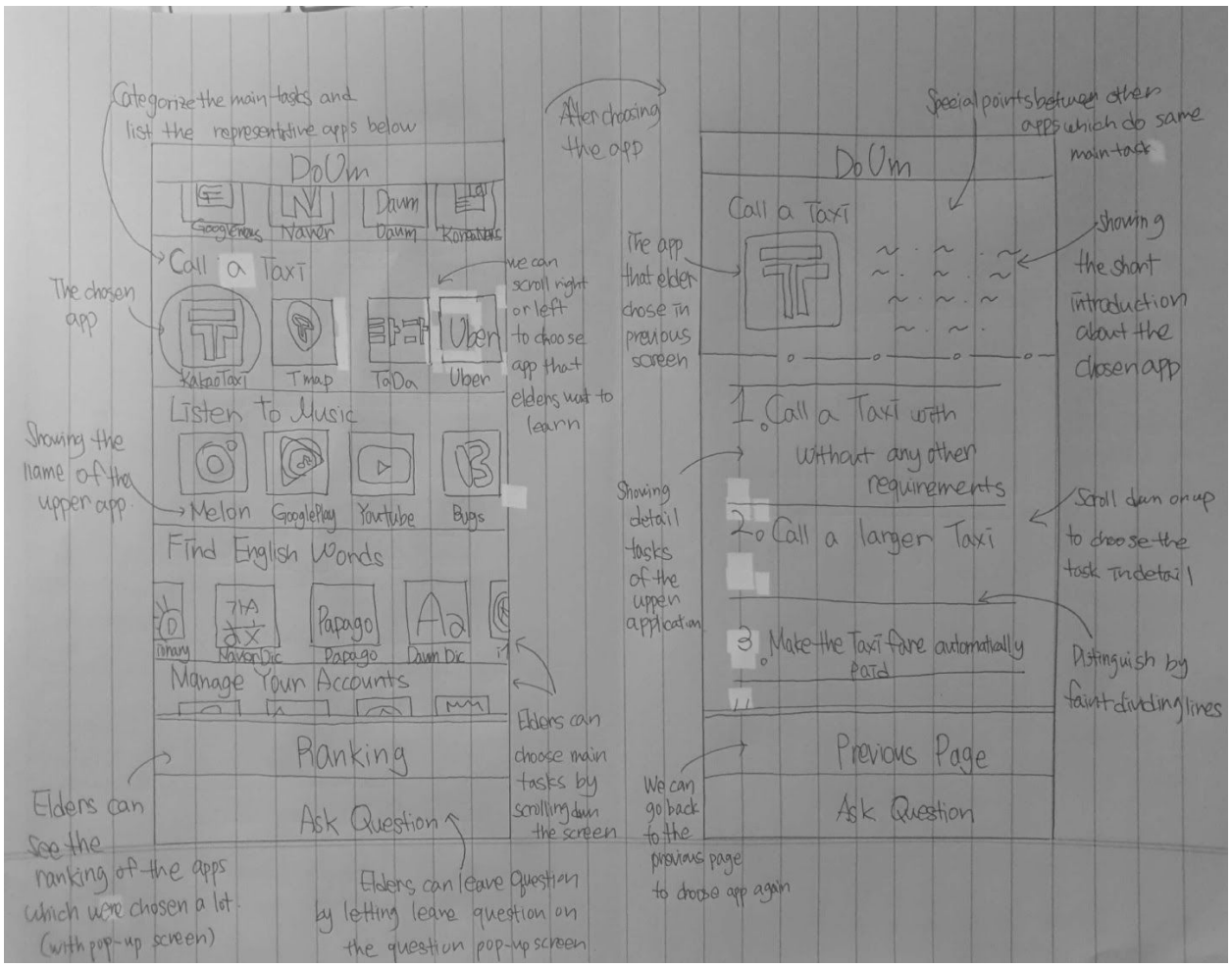


Secondary Interface Design for Primary Task 2: Provide a tutorial course for new applications

a) Choosing apps X Question Interface

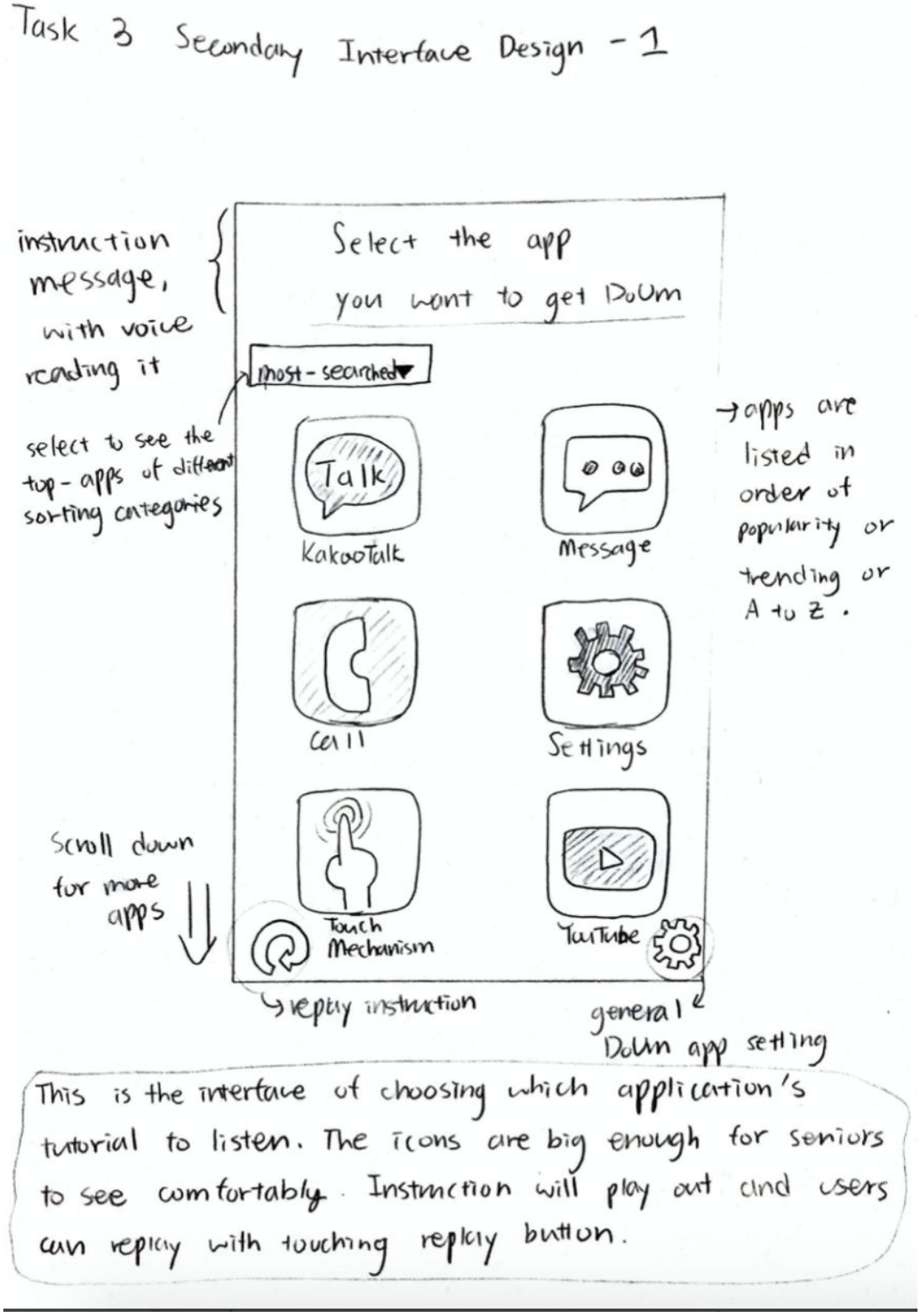


b) Choosing the main task and app to learn

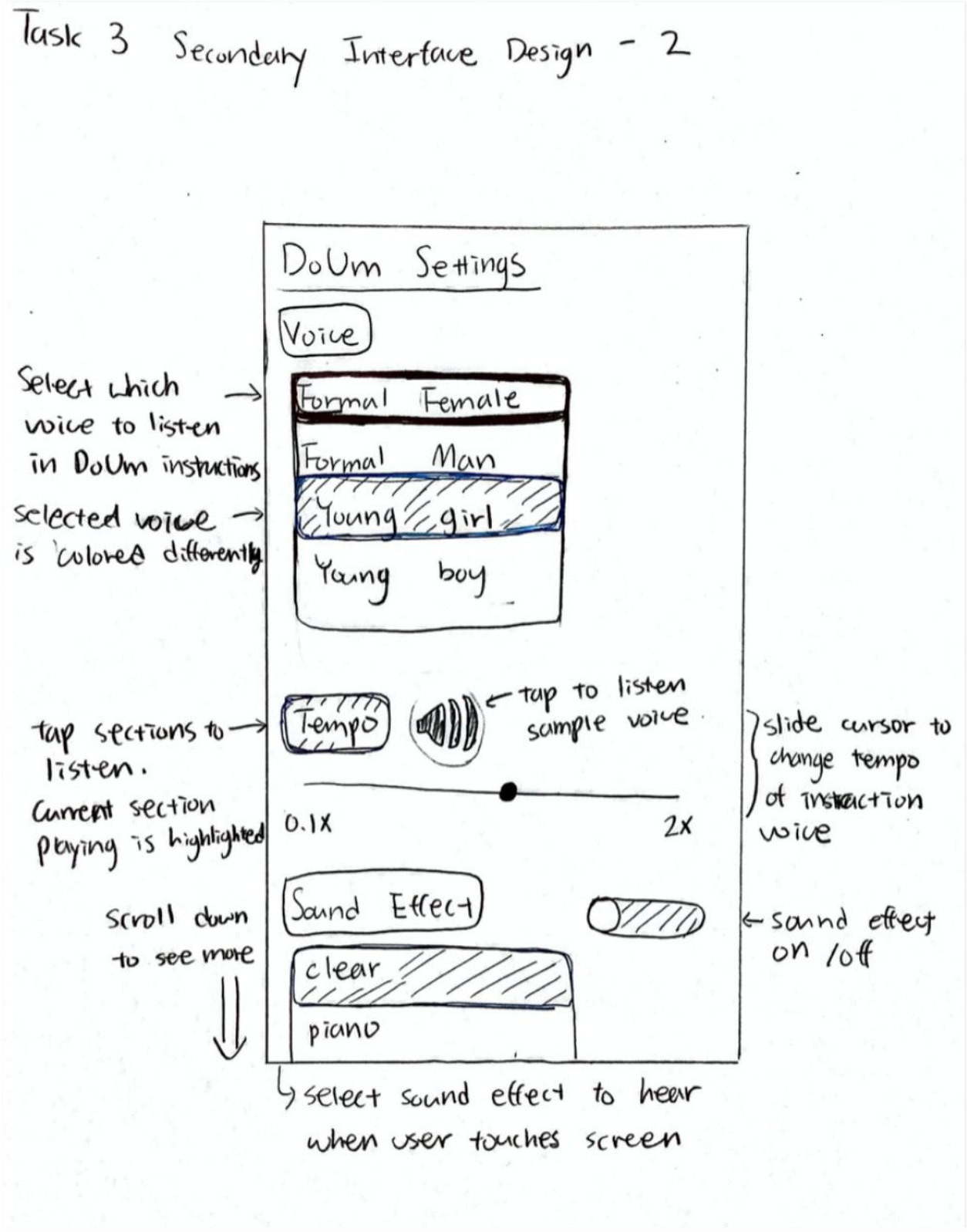


Secondary Interface Design for Primary Task 3: Give voice explanation

a) Choosing Application Interface

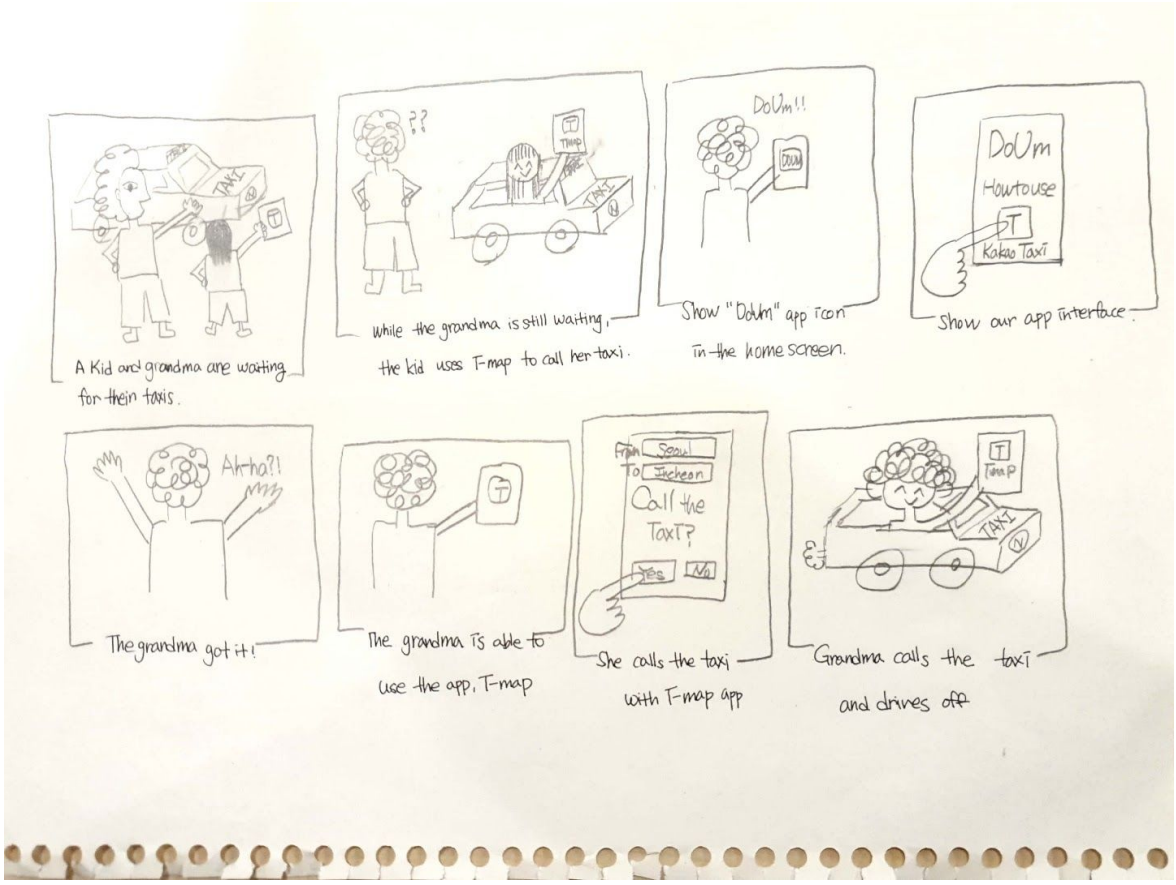


b) Setting Interface



5) Iterated Storyboard

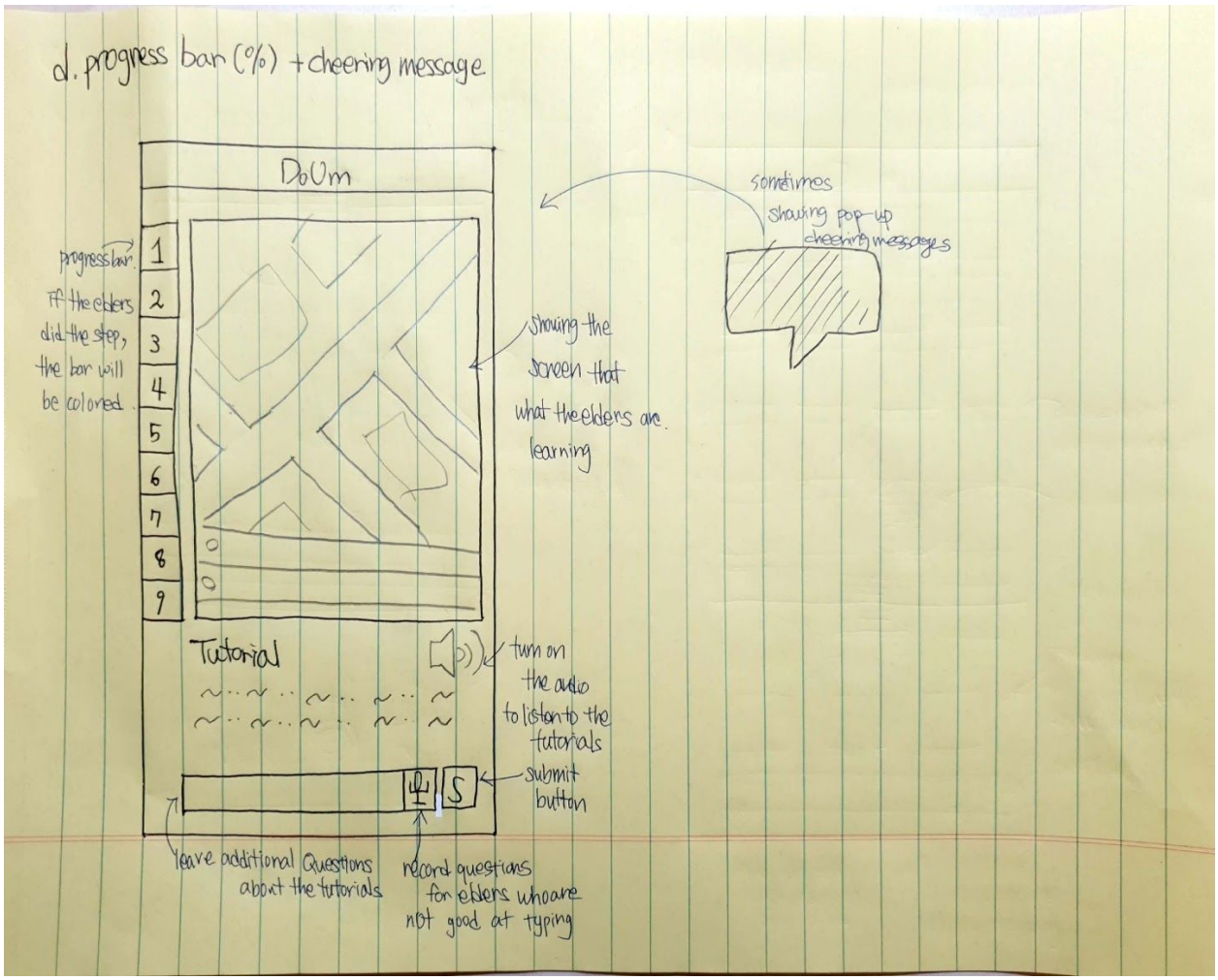
a) Draft before critique



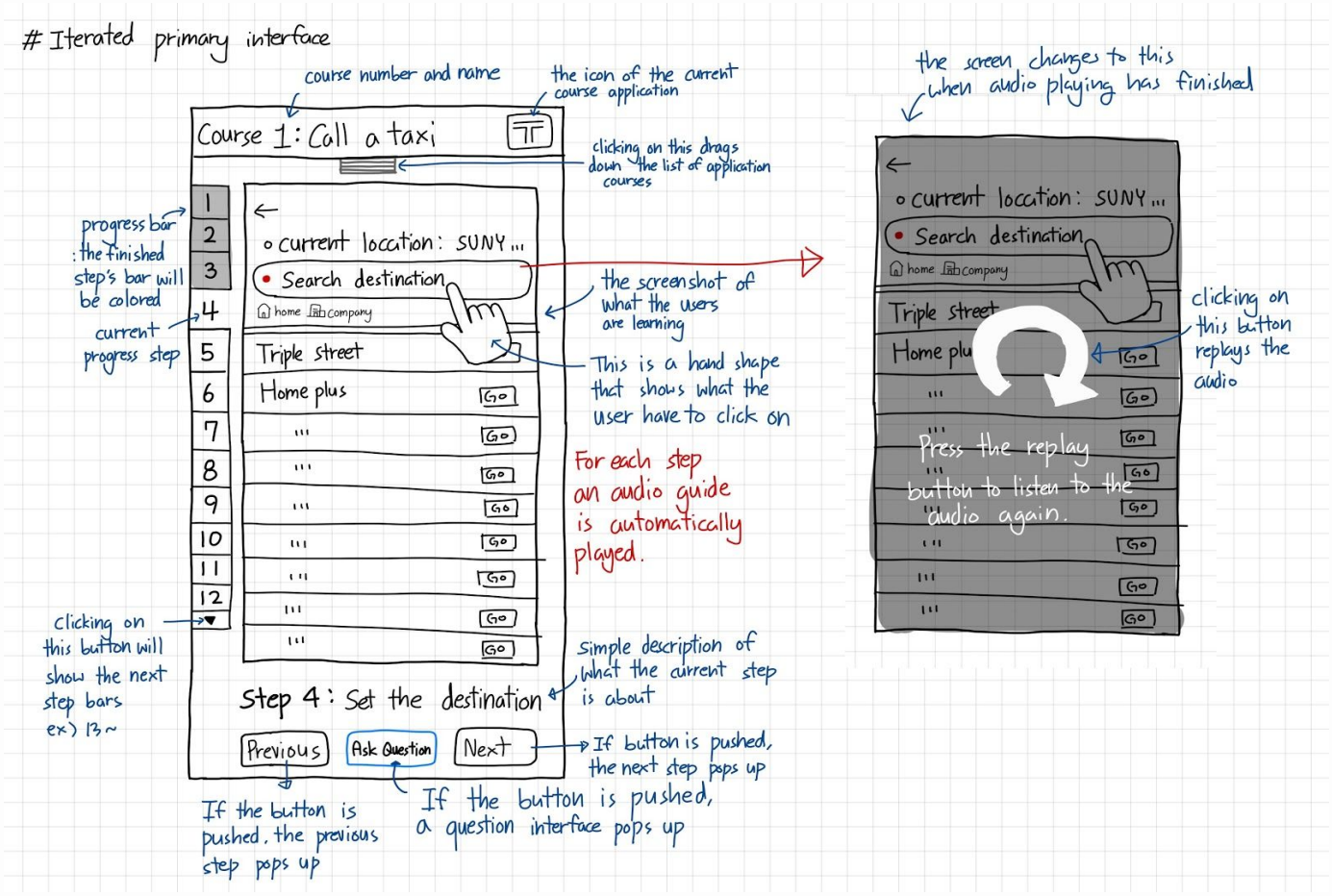
b) Iterated storyboard after critique

6) <u>Iterated Primary Interface Design</u>

a) Draft before critique



b) Iterated design after critique

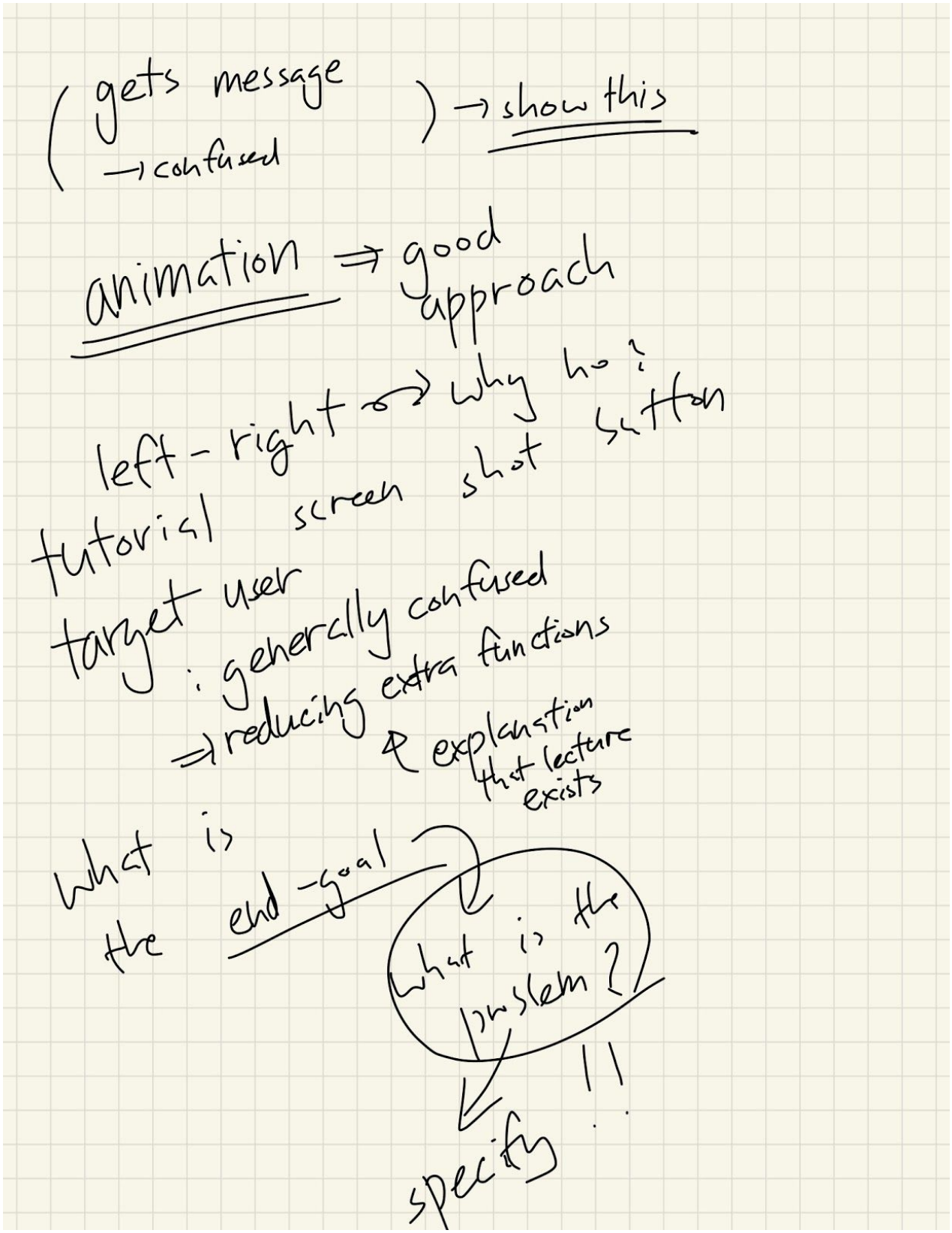


7) Appendix

i) Brainstorm

- Solve problems via video chat. This can be a suitable solution for those who want to solve the problem face to face.
- App list
- No advertisement
- Top 9 popular applications
- DoUm man
- Add sound tutorial (for those who can't read and those who are more comfortable to listen to)
- Research what applications users are interested in learning
- Explain by providing the screenshots with motion like a Prezi's
- Need to be readable
- Give voice explanation and ask users to choose which solution they would like to get (similar to ARS)
- Searching words
- Support real-time frequently searched question ranking
- A tutorial that solves specific problems
- Course list
- Provide a tutorial course for new applications, so users can learn a feature per day
- Get feedback from users of DoUm's solutions (good, so-so, bad)
- Progress bar

ii) Notes


(gets message
→ confused) → show this
animation ⇒ good approach
left - right → why ho?
tutorial screen shot button
target user
: generally confused
⇒ reducing extra functions
& explanation that lecture exists
what is the end-goal
what is the problem?
specify

voice button → good idea

why is it so big?

Story board

grandma, kid → family? → why different

taxi → elaborate

show more detailed interface

is cheering message necessary?