



MEMORIARY

T e a m P r o j e c t P r o p o s a l

1 9 1 0 0 7 2 0 K i m S i h e o n

1 9 1 0 2 0 9 0 P a r k H y u n s e o

2 0 1 0 2 1 1 7 L e e J e o n g h y e o n

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01

APPLICATION NAME.

AGING POPULATION

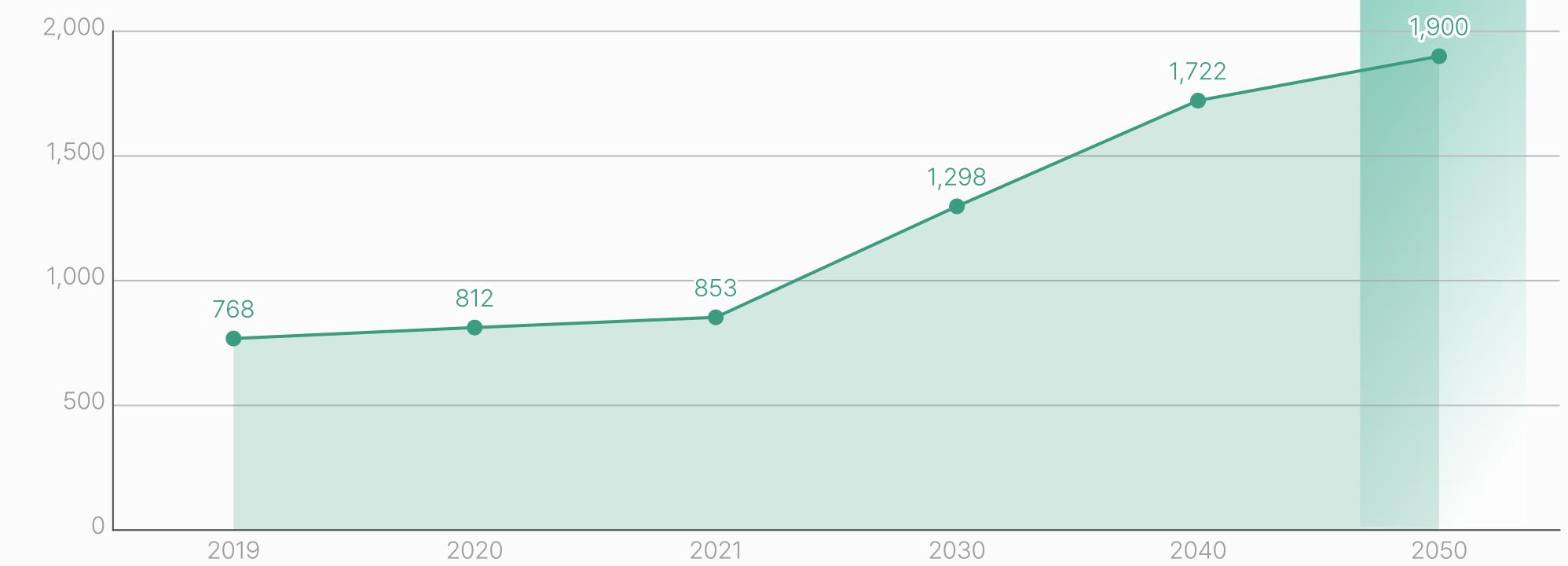
ENTERING THE ERA OF AGING SOCIETY

Korea is currently in the preliminary stages of transitioning into a **super-aging society**. This transition signifies a growing proportion of individuals aged 65 and above, with expectations of an even more rapid increase in the future.

Among the elderly population, there is a noticeable increase in those experiencing **difficulties in their daily lives due to dementia**



TRENDS IN THE POPULATION AGED 65 OR OLDER



<https://www.100ssd.co.kr/news/articleView.html?idxno=81109>

Emphasizing the need for effective management and support.

01

APPLICATION NAME

#MEMORIARY

MEMORY + DIARY

*The aim is to prevent the elderly
from losing their memory by using a Diary.*



02
MAIN APPLICATION
CONCEPT.

MEMORIARY

A DAILY APPLICATION TO PREVENT DEMENTIA IN THE ELDERLY

Diary



- Diary & To-Do List
- Memory Retention Quizzes

Exercising



- Promotion Physical and Cognitive Health
- Exercise Options

03

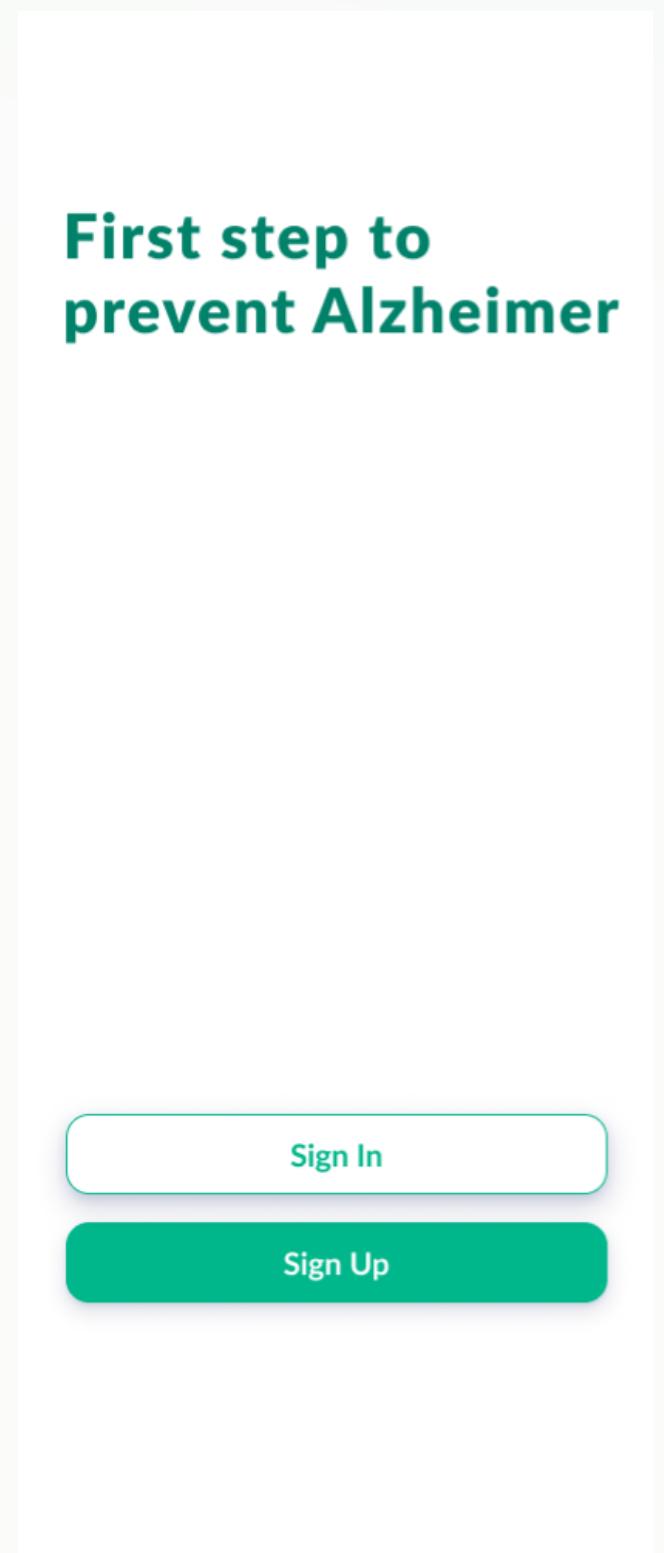
BASIC UI/UX.

START PAGE

SIGN UP, SIGN IN

The initial screen when you open the app, providing an overview of the available options.

- **Go to Sign-In Page**
 - Select this option to access the sign-in page where existing users can log in to their accounts.
- **Go to Sign-Up Page**
 - Choose this option to navigate to the sign-up page, where new users can create their accounts.



03

BASIC UI/UX.

MEMBERSHIP

SIGN UP, SIGN IN

- **Sign-in with ID & Password**
 - Enter your user ID and password to log in to your account.
- **Go to Sign Up Page**
 - Click here to proceed to the sign-up page.
 - During the sign-up process, please provide your name, birth date, user ID, password, and agree to the terms and conditions.
- **Completed Sign Up**
 - After successfully creating a member account, you will receive a confirmation message in a pop-up.
 - Once you've completed the sign-up process, you can return to the sign-in page.

The image displays three sequential screenshots of a mobile application's sign-in and sign-up interface, titled "Memoriay".

Screenshot 1: Sign-In Screen

This screen is titled "Welcome Memoriay". It features two input fields labeled "ID" and "PW", each with a green rounded rectangular border. Below these fields is a large green button labeled "Sign In". To the right of the "Sign In" button, the text "OR" is centered above another green button labeled "Sign Up". At the bottom of the screen, there are two links: "Forgot ID?" and "Forgot Password?", both in a smaller gray font.

Screenshot 2: Sign-Up Screen

This screen is titled "Let's Start Memoriay". It contains several input fields with labels: "* Name", "* Birth Date" (with separate fields for YYYY, MM, DD), "* ID", "* Password", "* Password Check", and gender selection fields for "Male" and "Female". There is also a checkbox for "I agree to collect personal information and use of the terms and conditions." A large green "Sign Up" button is located at the bottom.

Screenshot 3: Confirmation Screen

This screen shows a large green circular icon with a white checkmark. The text "Completed!" is displayed prominently in bold black letters. Below it, a message reads: "Welcome to our 'Memoriay' Service! You can use everything in our service after sign-in". At the bottom, there are two green buttons labeled "Sign In" and "Sign Up".

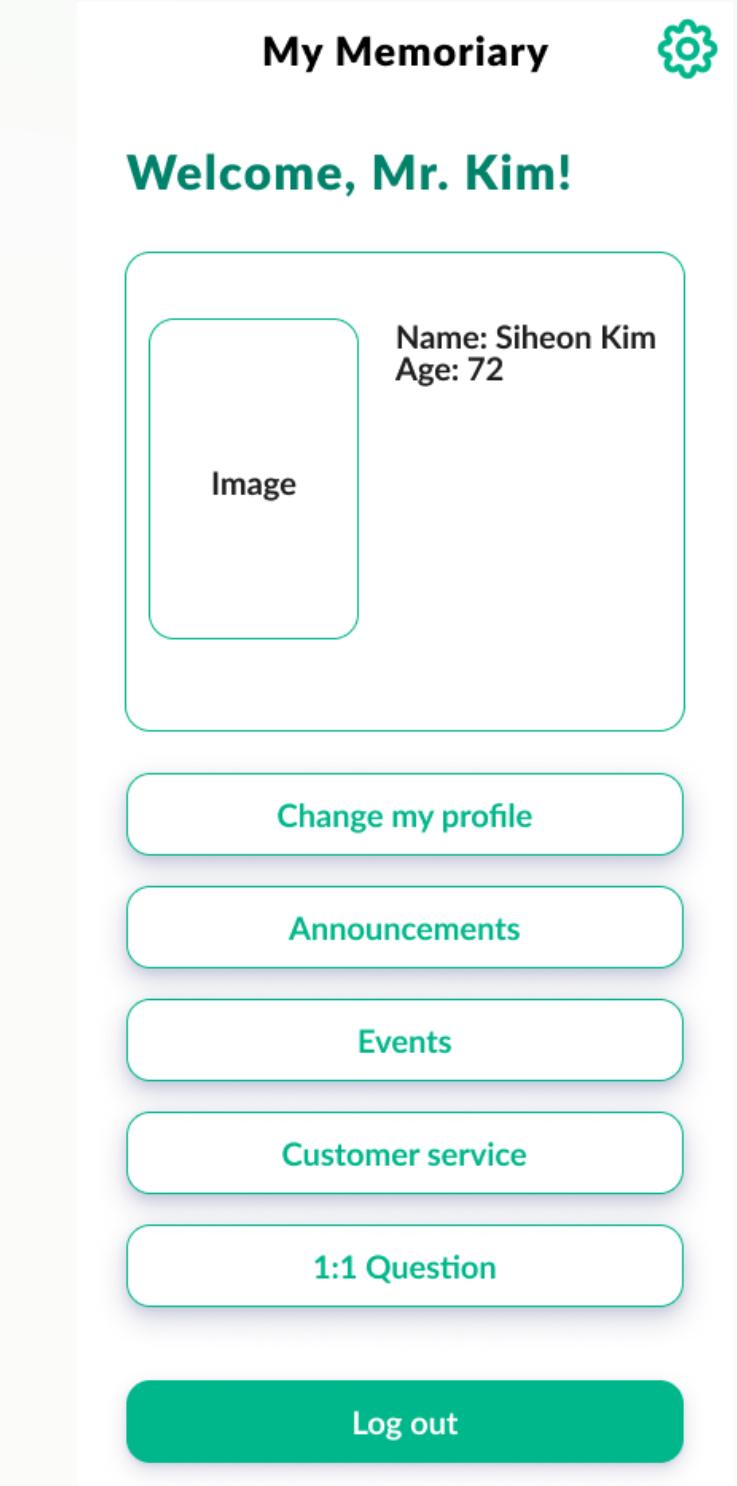
03

BASIC UI/UX.

MY PAGE

CHECK MY INFORMATION

- **Check the User's Information**
 - View the user's details, including their name, age, and profile image.
- **Change my profile**
 - Modify the user's information as needed.
- **View Application Announcements**
 - Access and read announcements related to the application.
- **1:1 Question**
 - Utilize the 1:1 Question and Answer feature for personalized assistance and support.
- **Log out**
 - If the user wishes to log out, simply click the "Log Out" button.



03

BASIC UI/UX.

DIARY

WRITE DOWN DIARY

- **Typing for Diary Entries**

- Traditional Typing

Users have the option to type their diary entries for a more conventional approach to journaling.

- **Voice Recognition for Diary Entries**

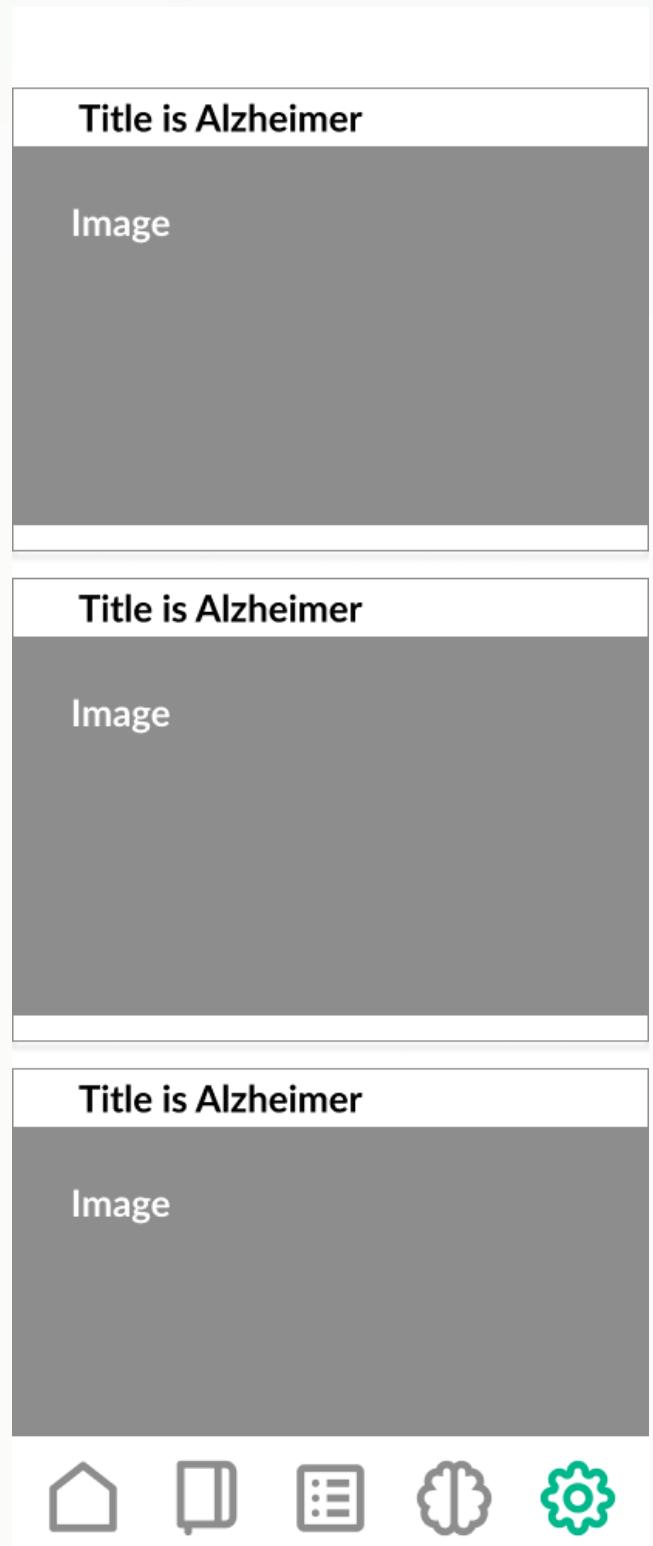
- Voice Input

Recognizing that some seniors may face typing challenges, our app allows users to speak their diary entries, transcribed using Speech-to-Text (STT) technology.

- **Visual Enhancement with Karlo API**

- Diary Thumbnails

To make diary entries more visually engaging and memorable, our app incorporates the Karlo API, automatically generating captivating thumbnails for each diary entry.



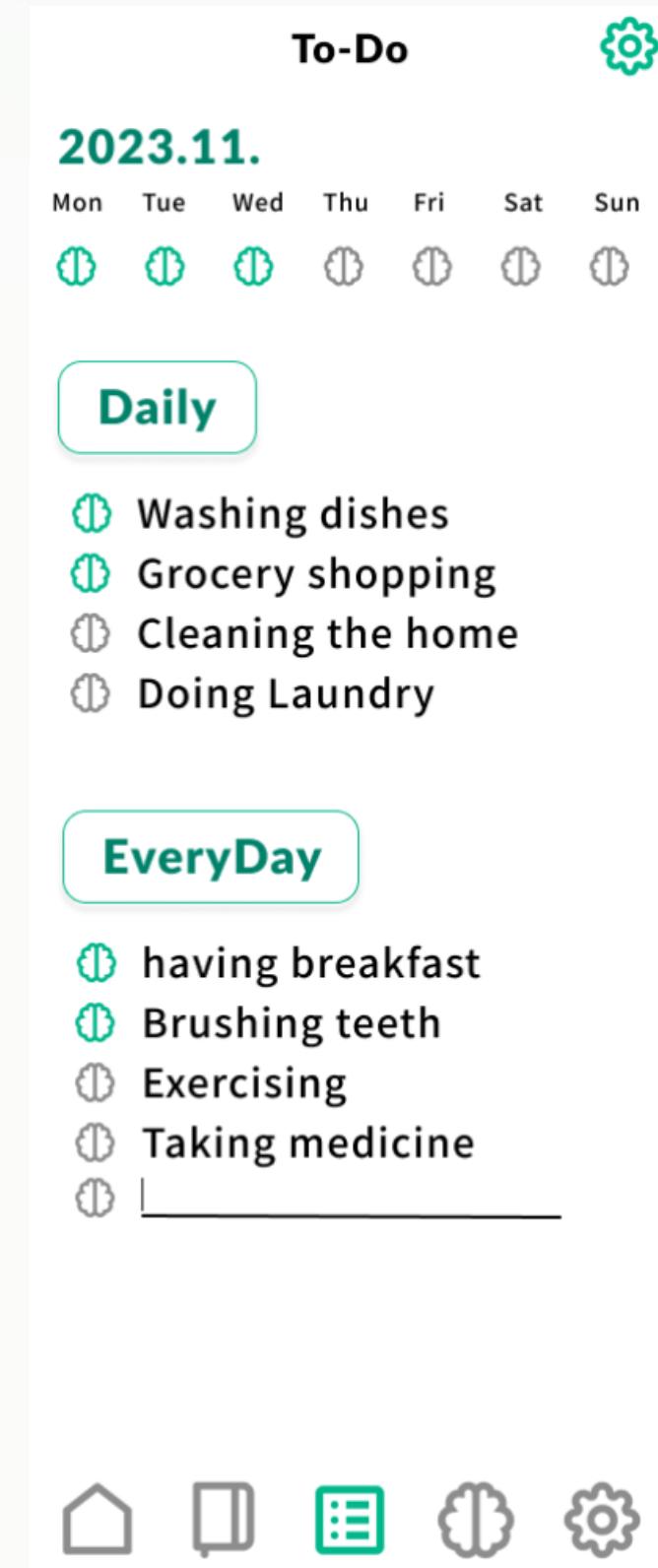
03

BASIC UI/UX.

TO-DO LIST

MAKE TO-DO LIST

- **Input To-Do Tasks via Typing**
 - Enter your to-do tasks by typing them in.
- **Input To-Do Tasks via Voice Recognition**
 - Speak your to-do tasks, and our voice recognition system will transcribe them for you.
- **Mark as Completed After Finishing the Task**
 - Once you've completed a task, you can check it off or mark it as done.



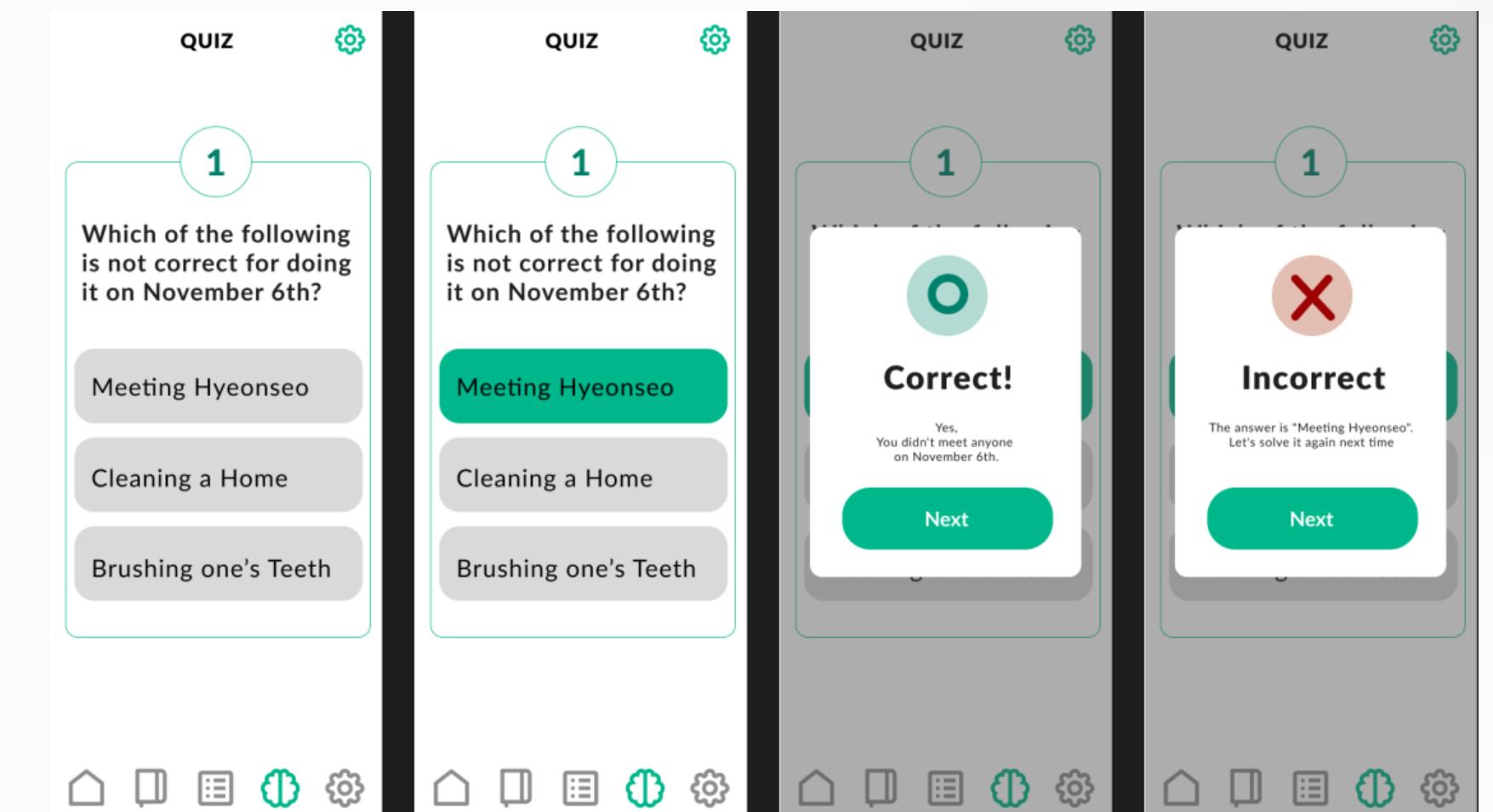
03

BASIC UI/UX.

QUIZ

REMEMBER THE PAST

- **Multiple-Choice Quiz**
 - Take a multiple-choice quiz where you can select the correct answer from given options.
- **True/False Quiz**
 - Engage in true or false questions to test your knowledge.
- **Open-Ended Quiz**
 - Participate in open-ended questions that require written responses.
- **Popup Answer Confirmation**
 - After choosing your answer, click to reveal the correct answer in a pop-up for confirmation.



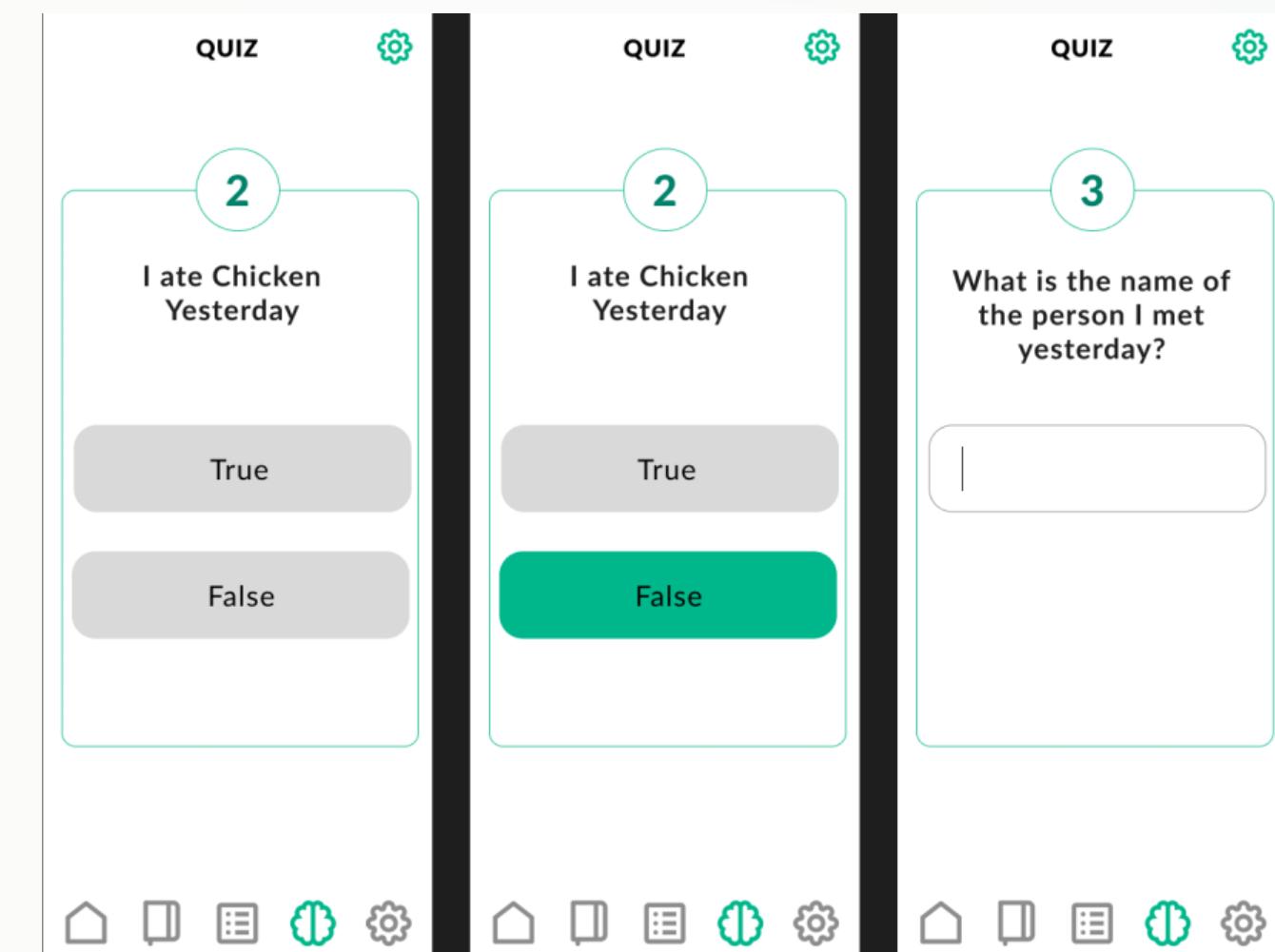
03

BASIC UI/UX.

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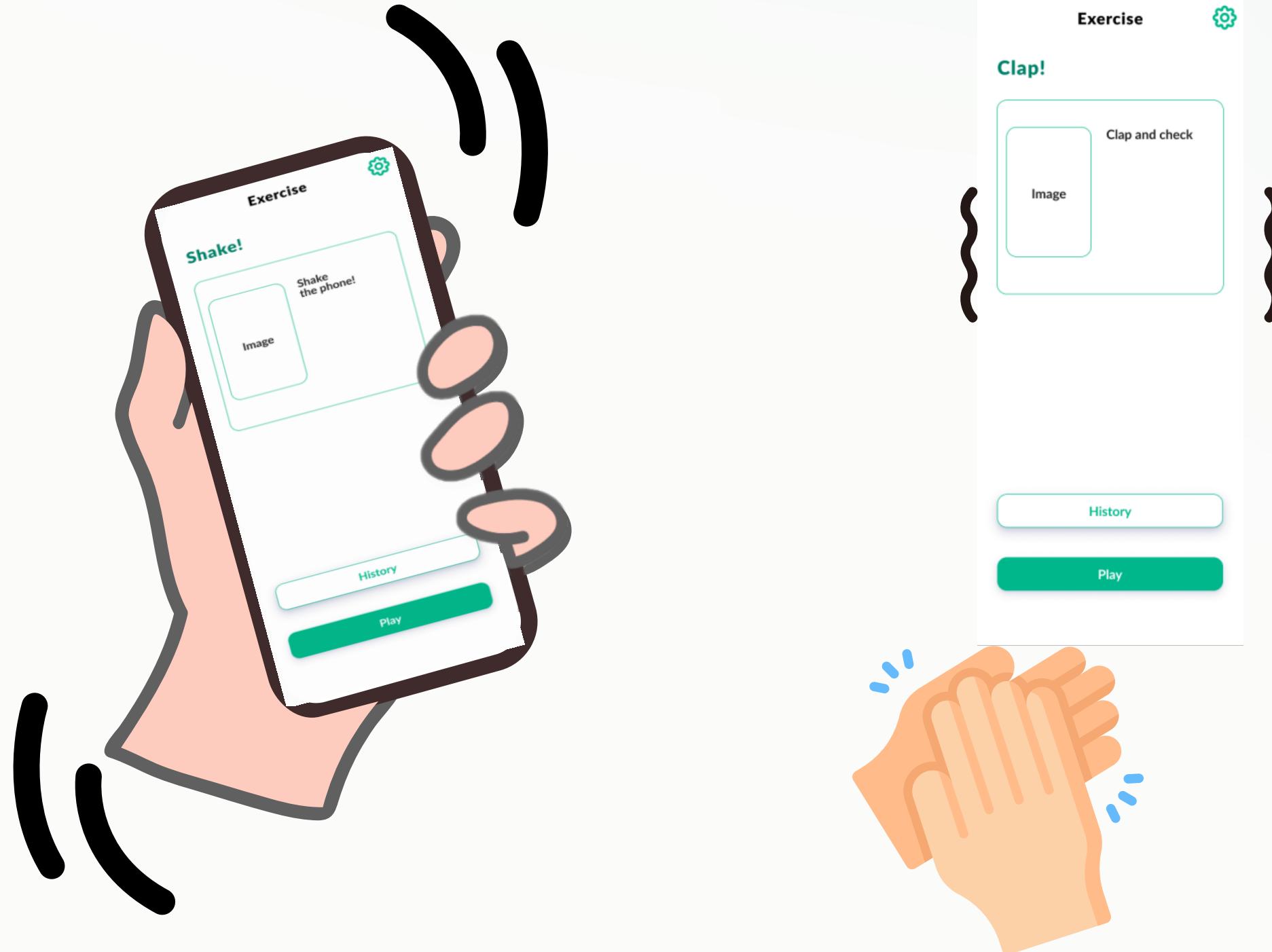
03

BASIC UI/UX.

EXERCISE

SHAKE! CLAP!

- **Shake It Up**
 - Shake your phone to engage in exercises.
- **Clapping**
 - For dementia prevention, we encourage clapping exercises.



04

EXPECTED
COMPONENTS.

MEMORIARY

WHAT DO WE NEED?



Karlo API



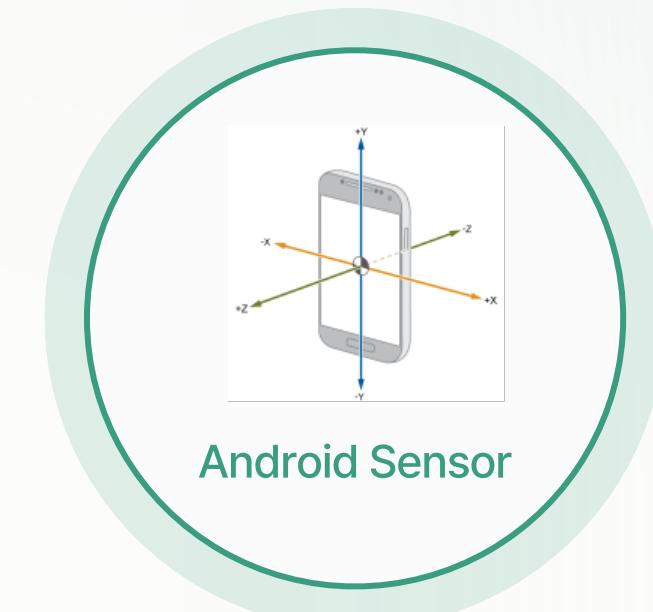
TTS/STT



MySQL



GPT API



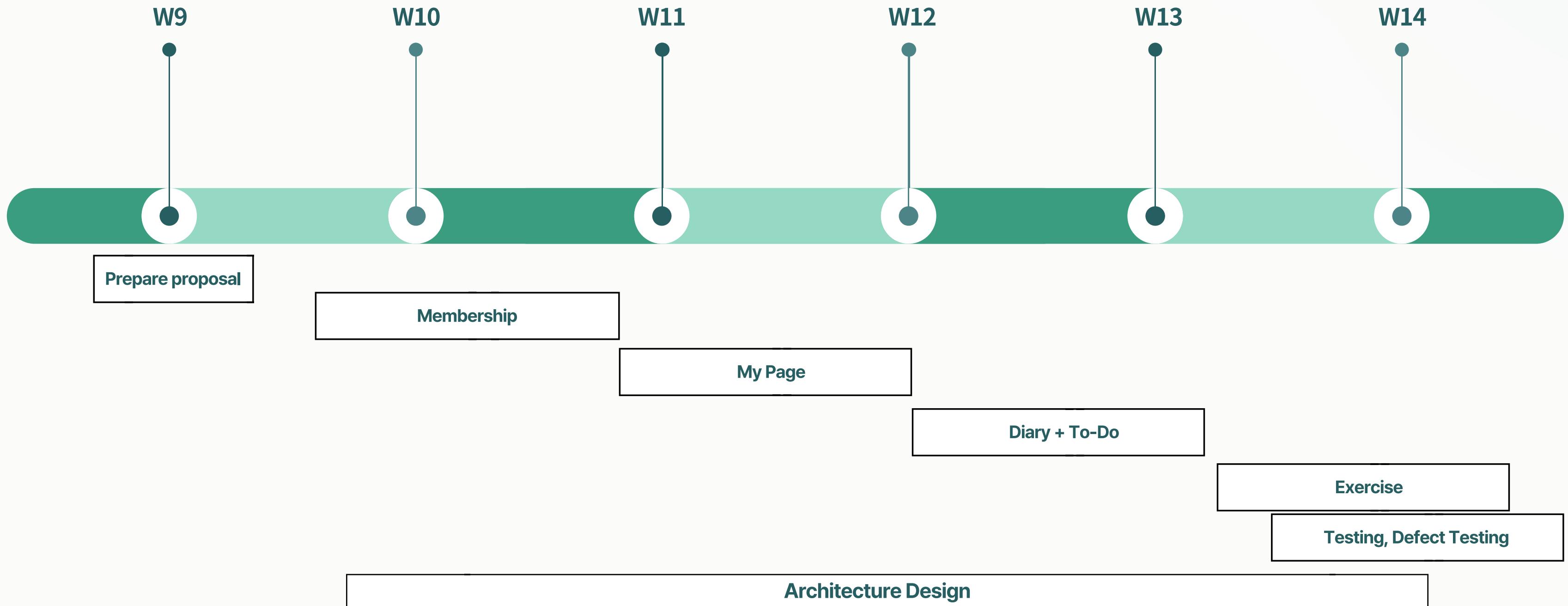
Android Sensor

05

EXPECTED TIMEFRAME.

OUR PLAN

SHOW OUR PLAN



06
ROLE &
RESPONSIBILITIES.

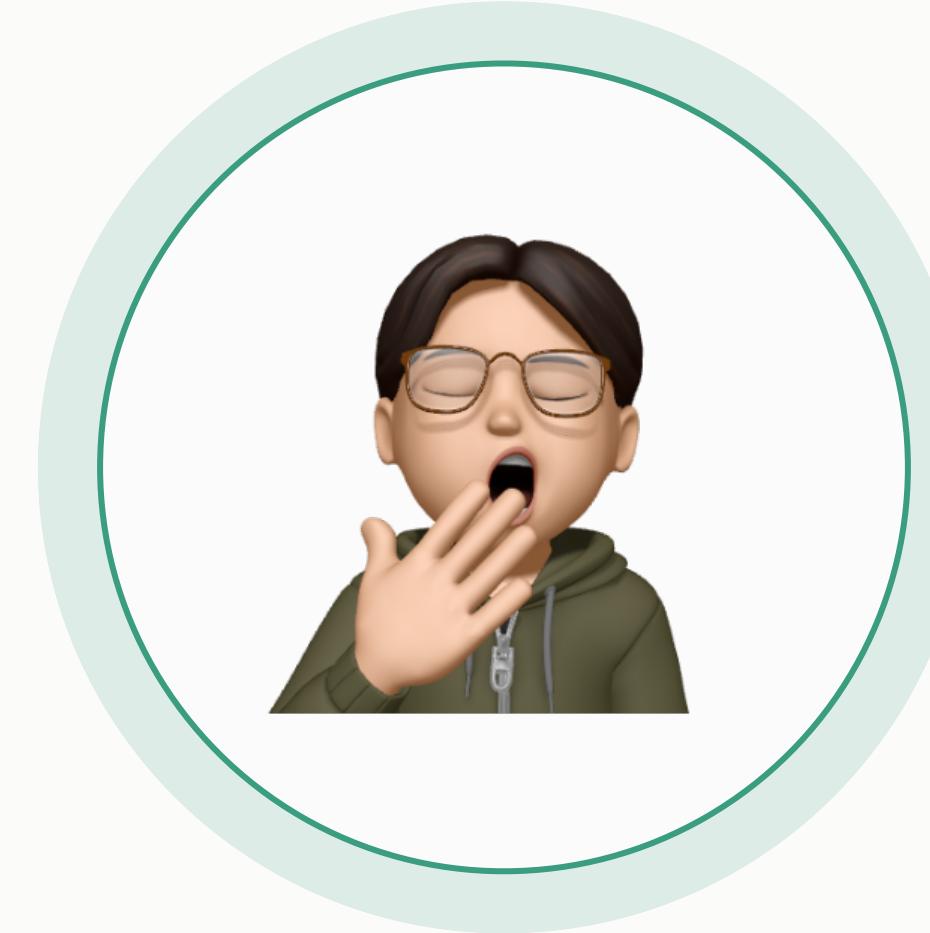
MEMORIARY

OUR TEAM MEMBER



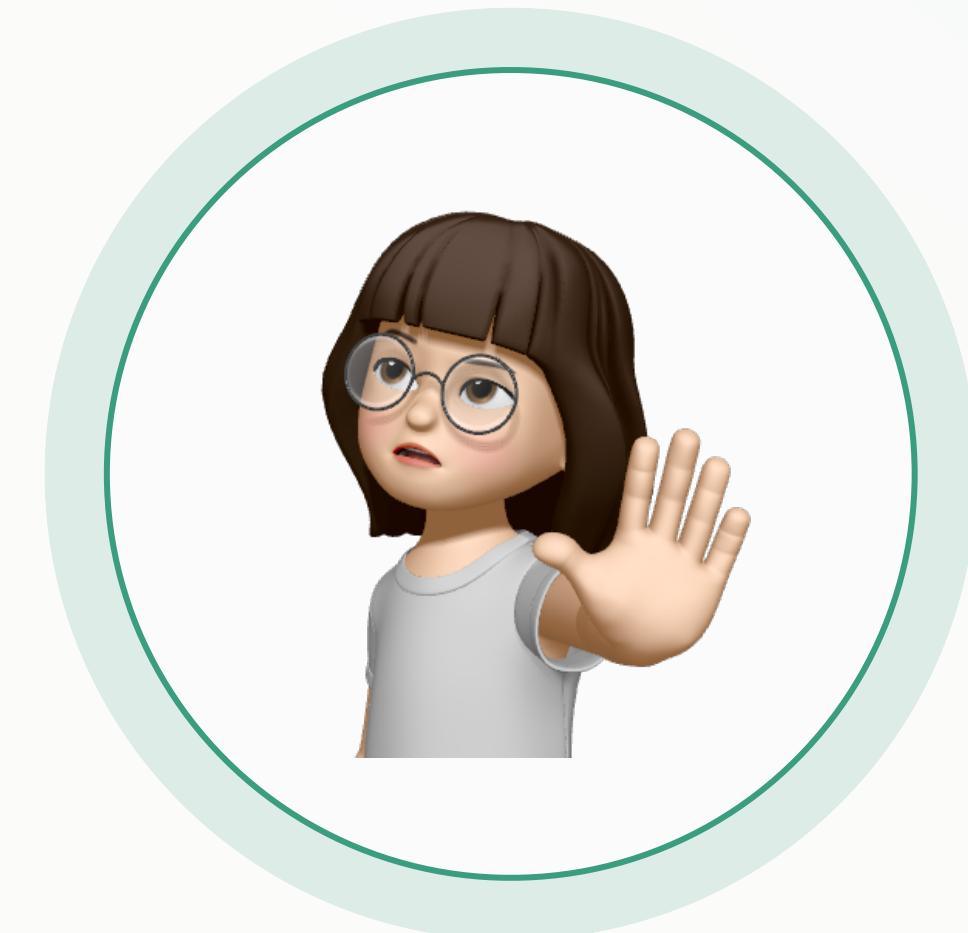
Kim Siheon

App development
: Exercise, My page, Nav Bar



Park Hyunseo

App development
: Diary, Quiz



Lee Jeonghyeon

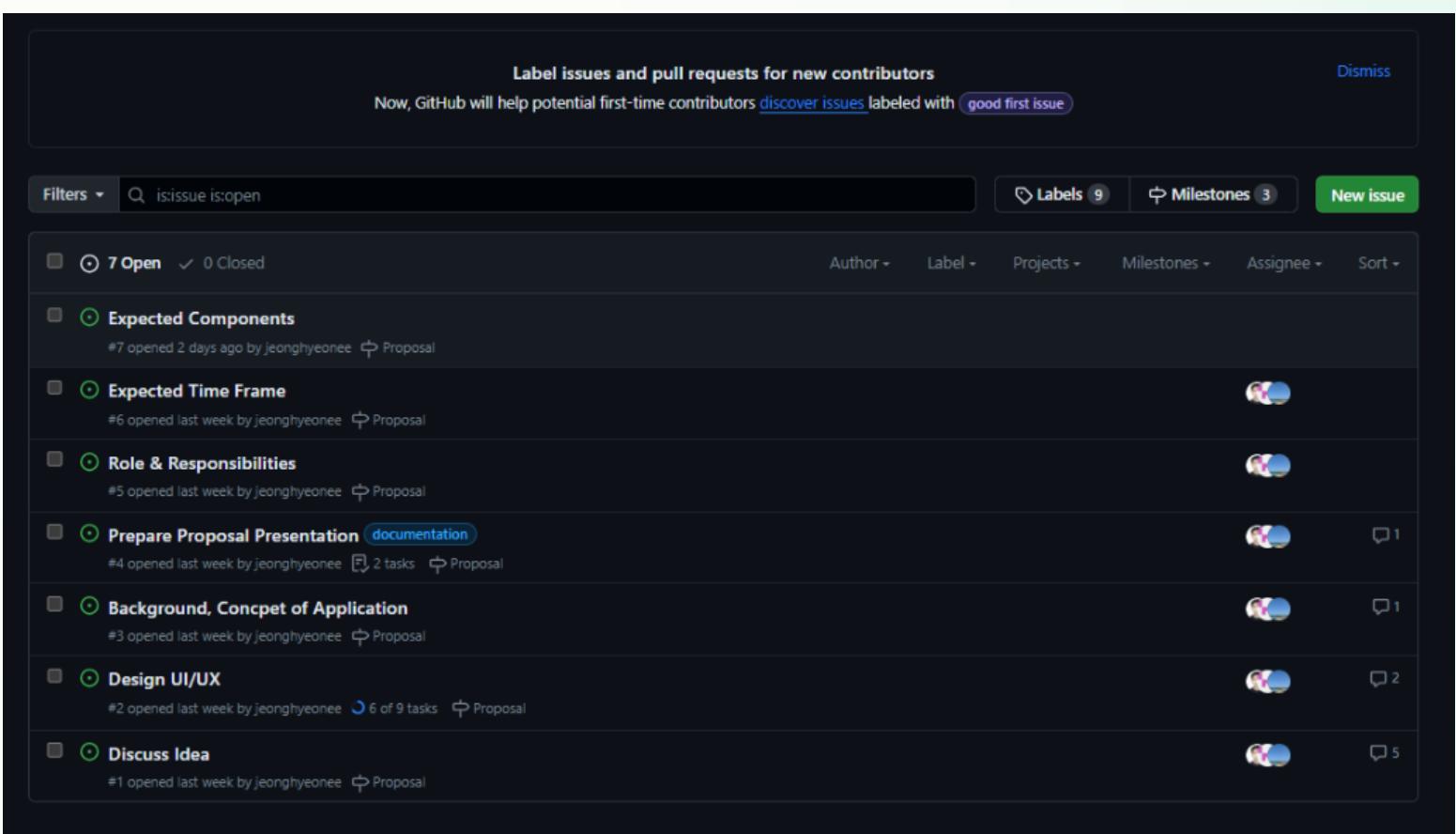
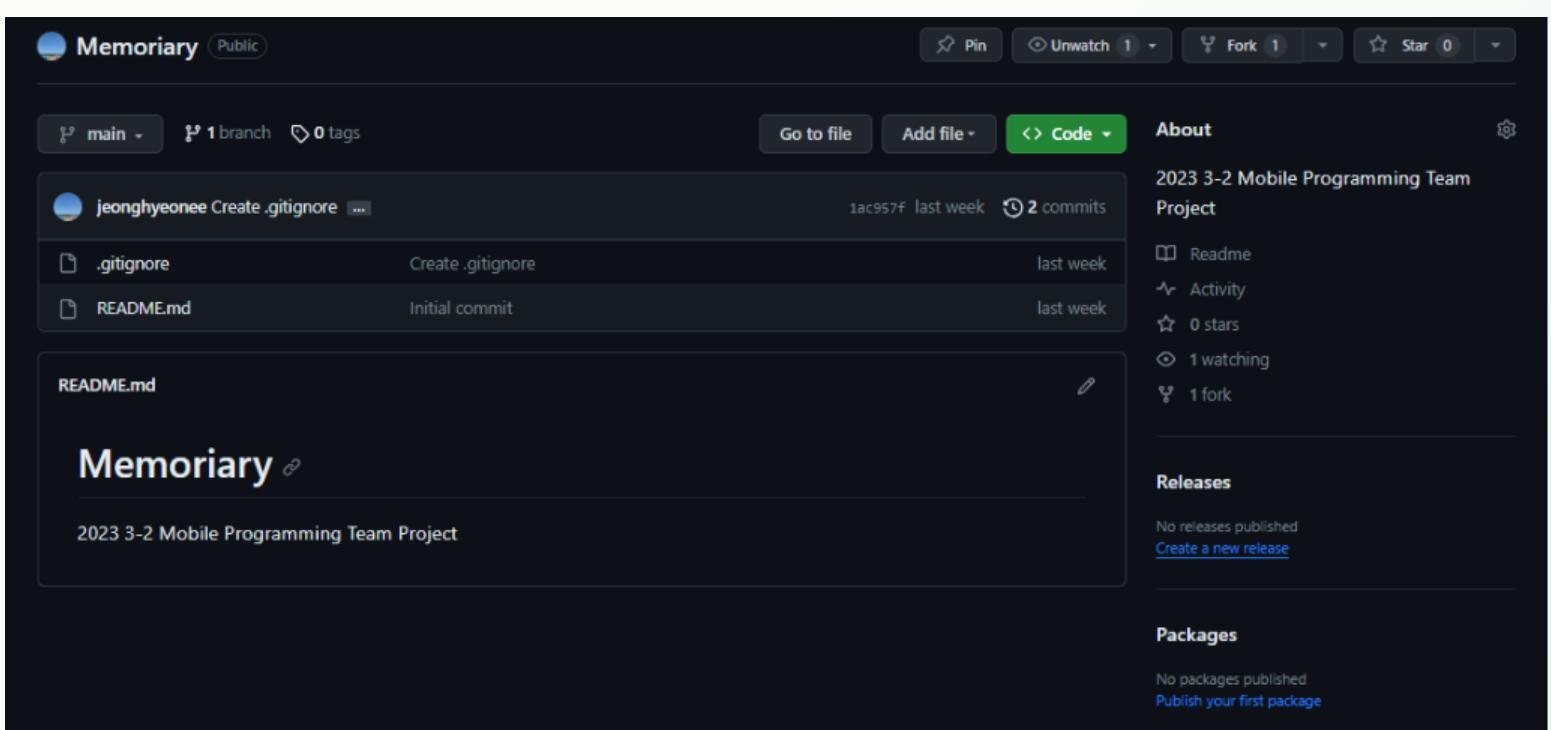
App development
: Todo, Sign in

07
GITHUB.

“
MEMORIARY'S
GITHUB

[HTTPS://GITHUB.COM/JEONGHYEONEE/MEMORIARY](https://github.com/jeonghyeonee/memoriary)

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08

Q&A

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Q&A

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THANK YOU.