

# CKIE-APP

**Convergent Capstone Design 1  
7th Week Progress Report**

**Group 5 Park JongBeum & Baek SeungHeon, April 11th 2023**

Recall

9:49

COOKIE

name name name

name name name

name name name

name name name

name name name

name name name

Friends

9:41

COOKIE

Connected  
Hello World

Message

Chat

9:20

COOKIE

Vancouver

Portland International Airport

포틀랜드

Portland

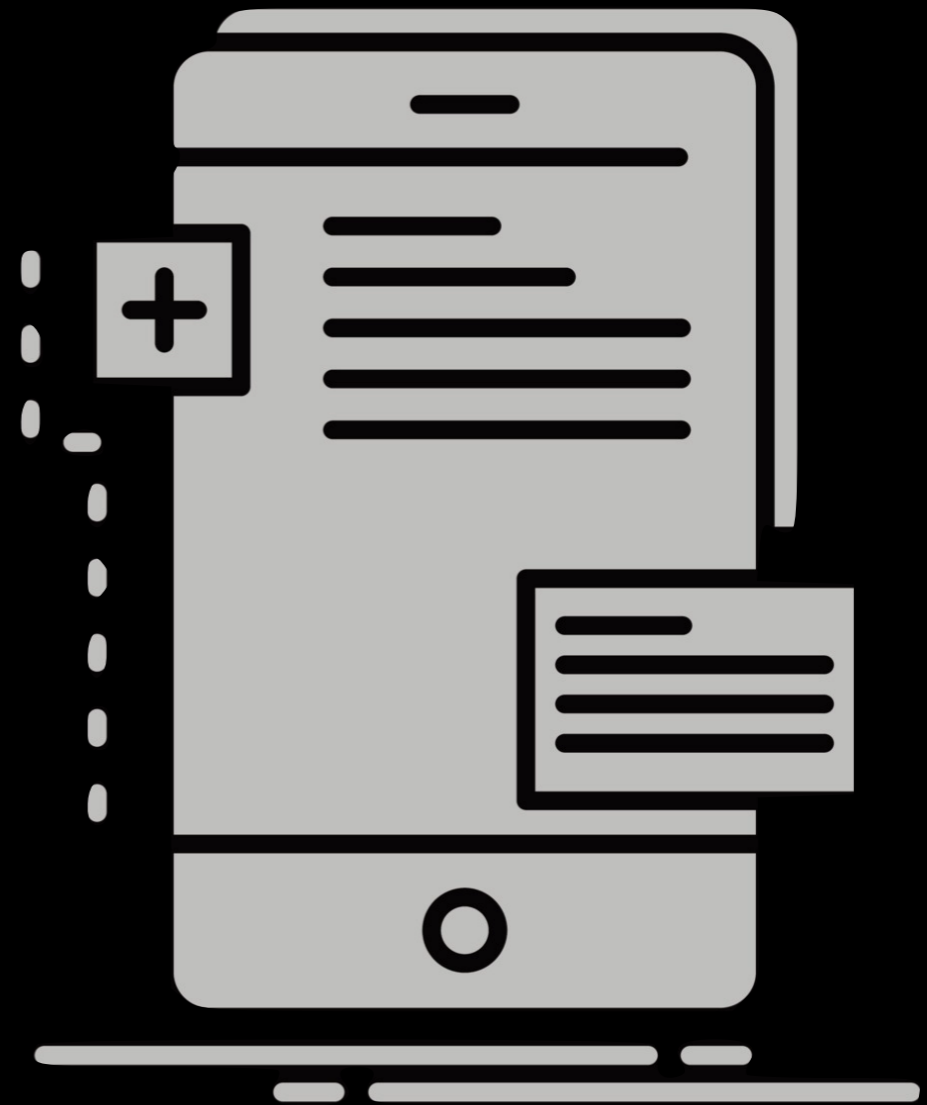
Location

# Frontend

# Front End

## What Our Team Have Done

- Add App Icon
- Create Sign-In Page
- Create Sign-Up Page
- Request Device Permission
- Improve UI



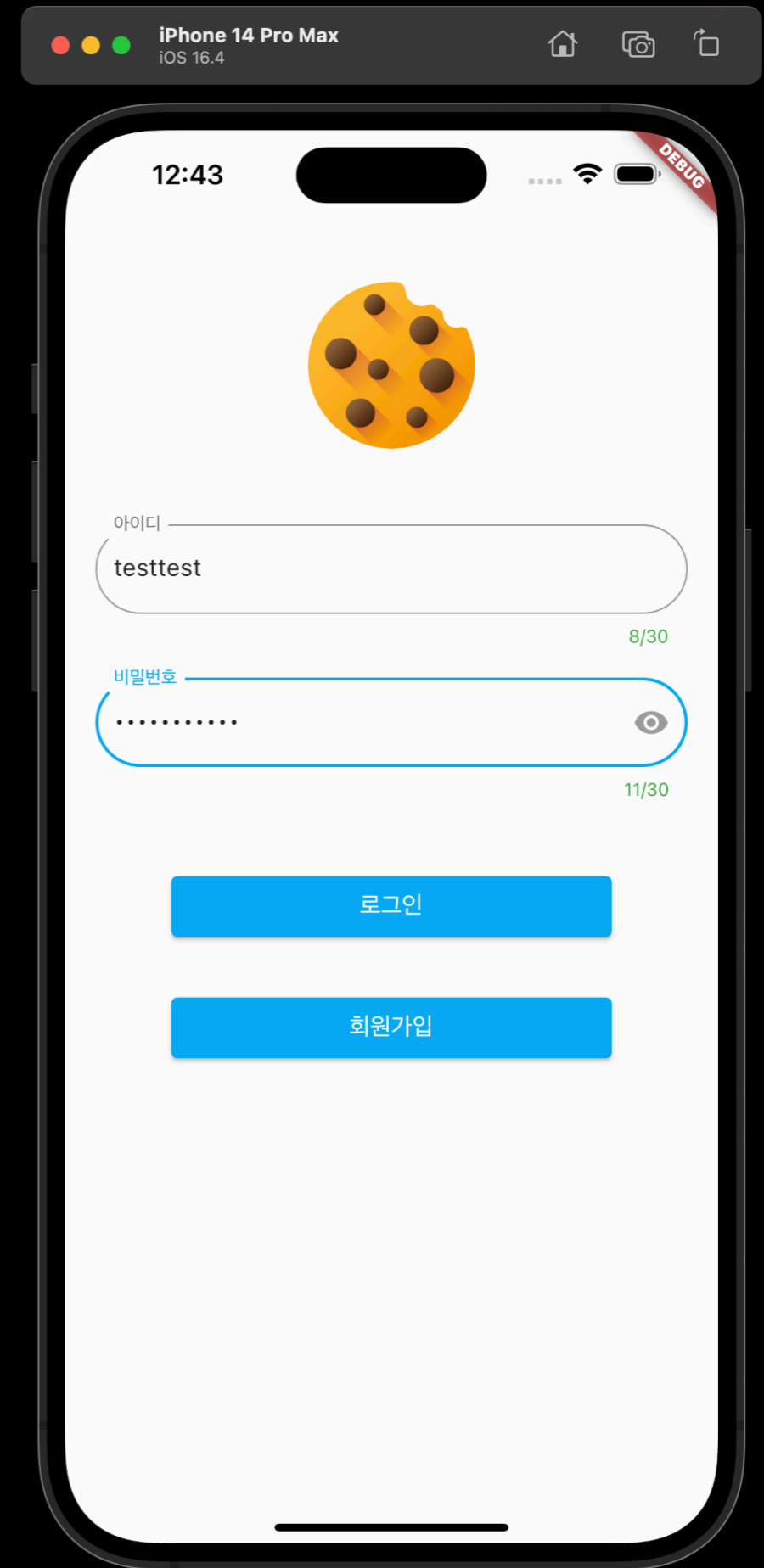
# App icon & Start screen

- App icon
  - Add flutter\_launcher\_icons.yaml
- App Start Screen
  - Add flutter\_native\_splash.yaml
- Cookie Image (may change)



# Sign In Page

- Sign-in and Sign-up functions
- Enter your ID and password
  - TextEditingController
  - TextFormField



# Sign Up Page

- Add Profile Image
  - UIImagePickerController
- Create user information
  - TextEditingController
  - TextFormField





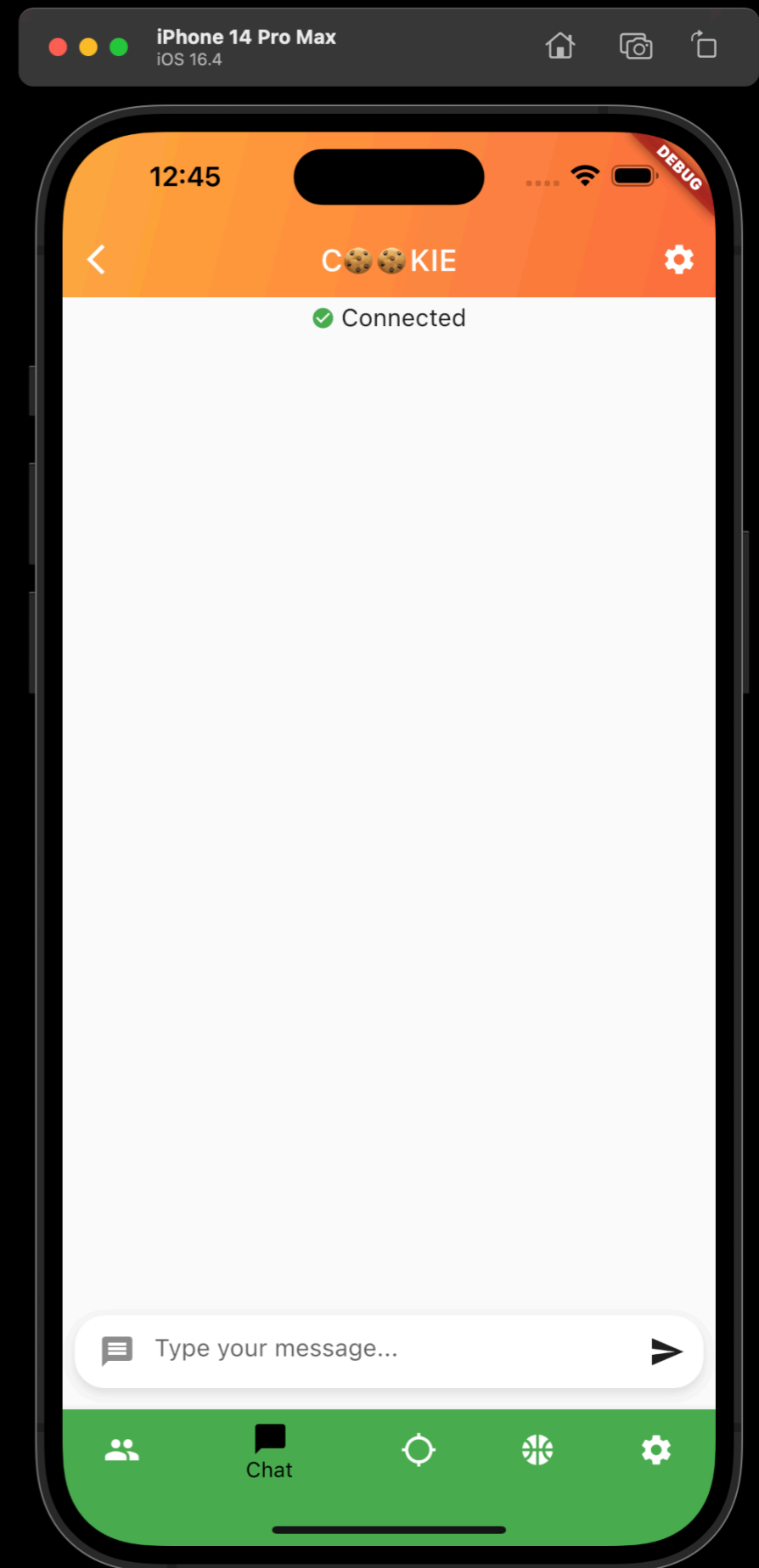
# Friends Tab

- Attribute for each profile
  - profile image
  - user name
- Go to the chat page
  - inkwell widget



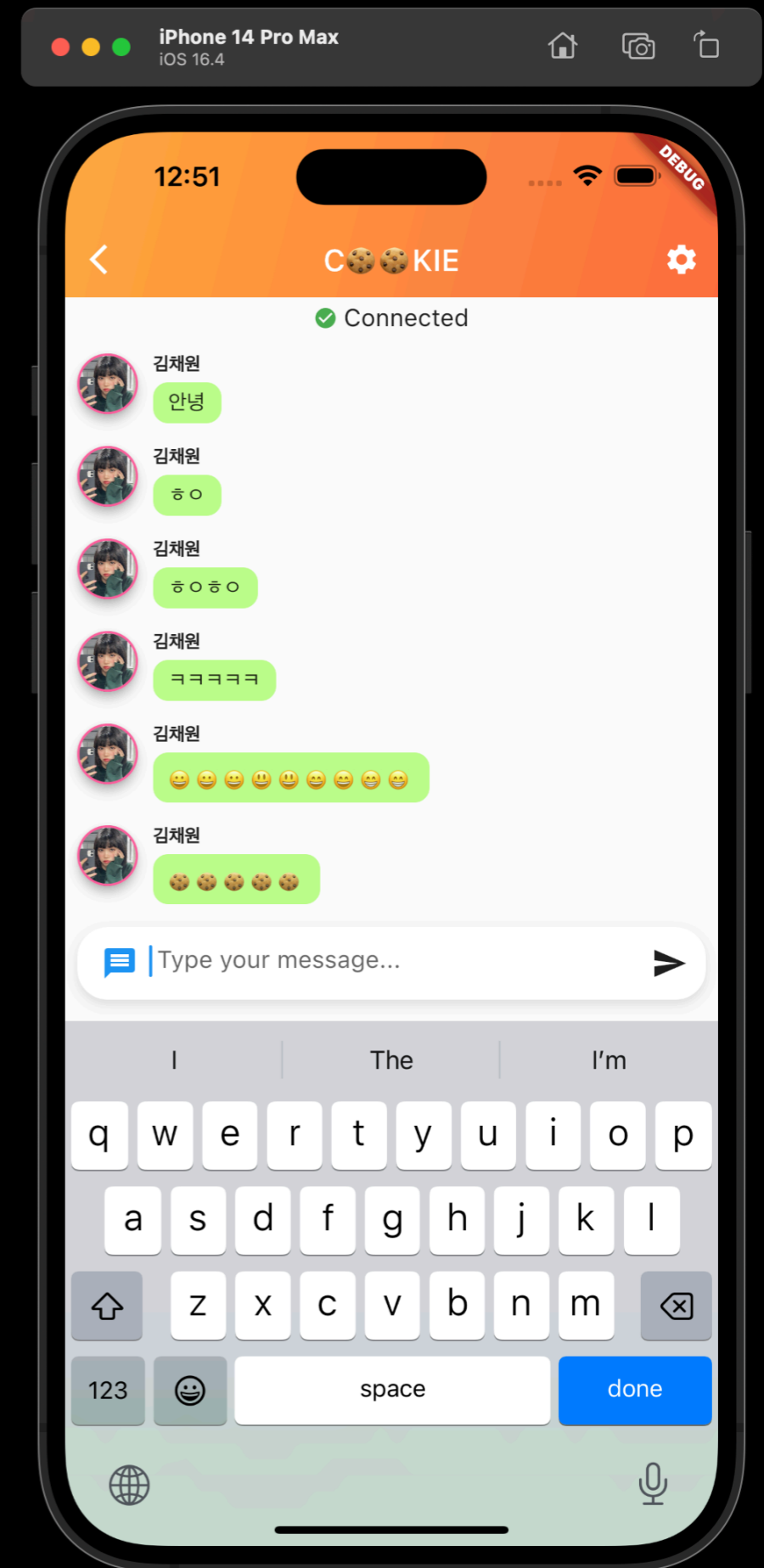
# Chatting Tab

- Network connection notification
  - `socket.connected`
- Chat input area
  - `TextField`
  - `TextController`



# Chatting Tab

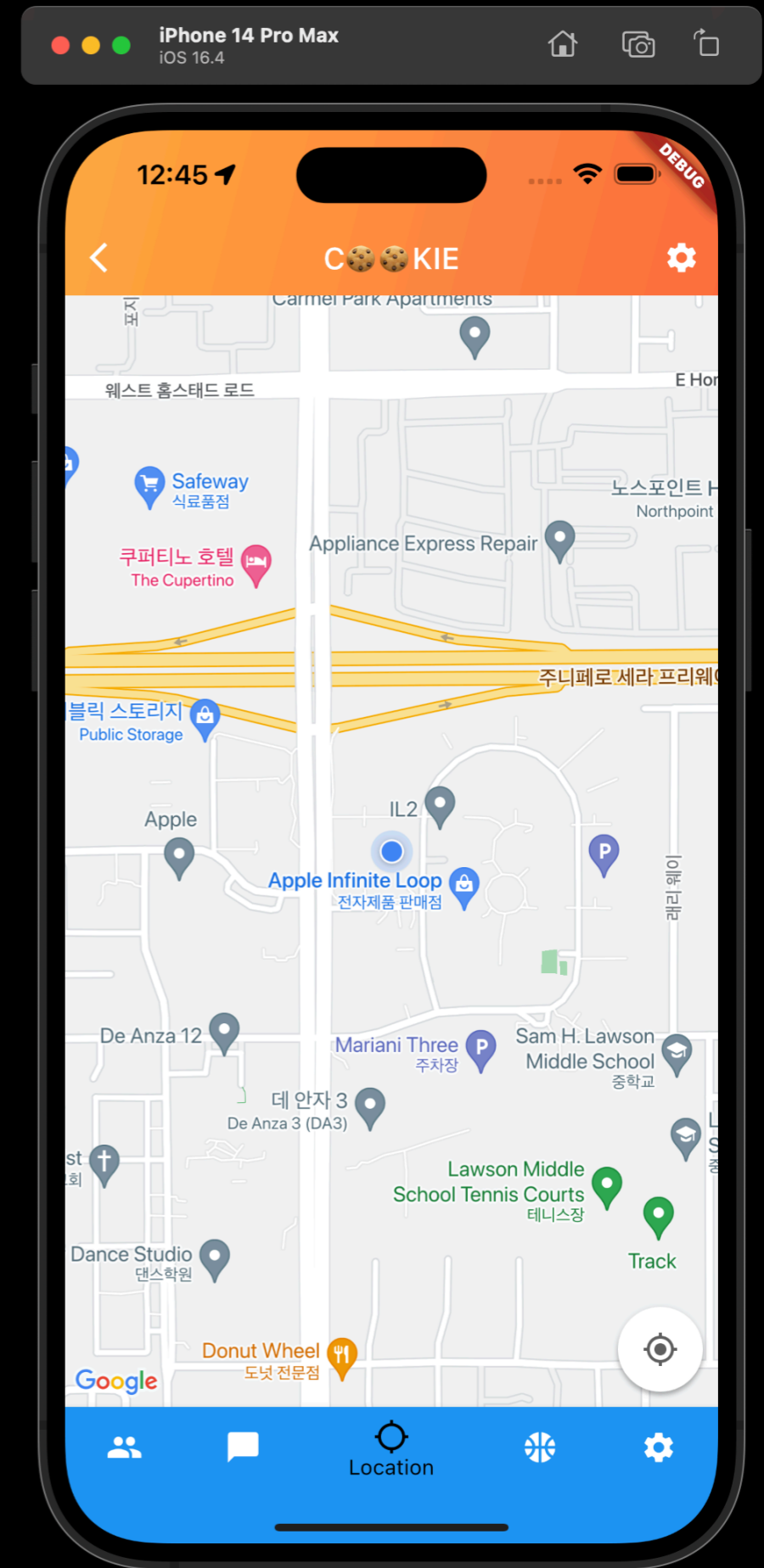
- Chat area
  - SingleChildScrollView
  - ListView



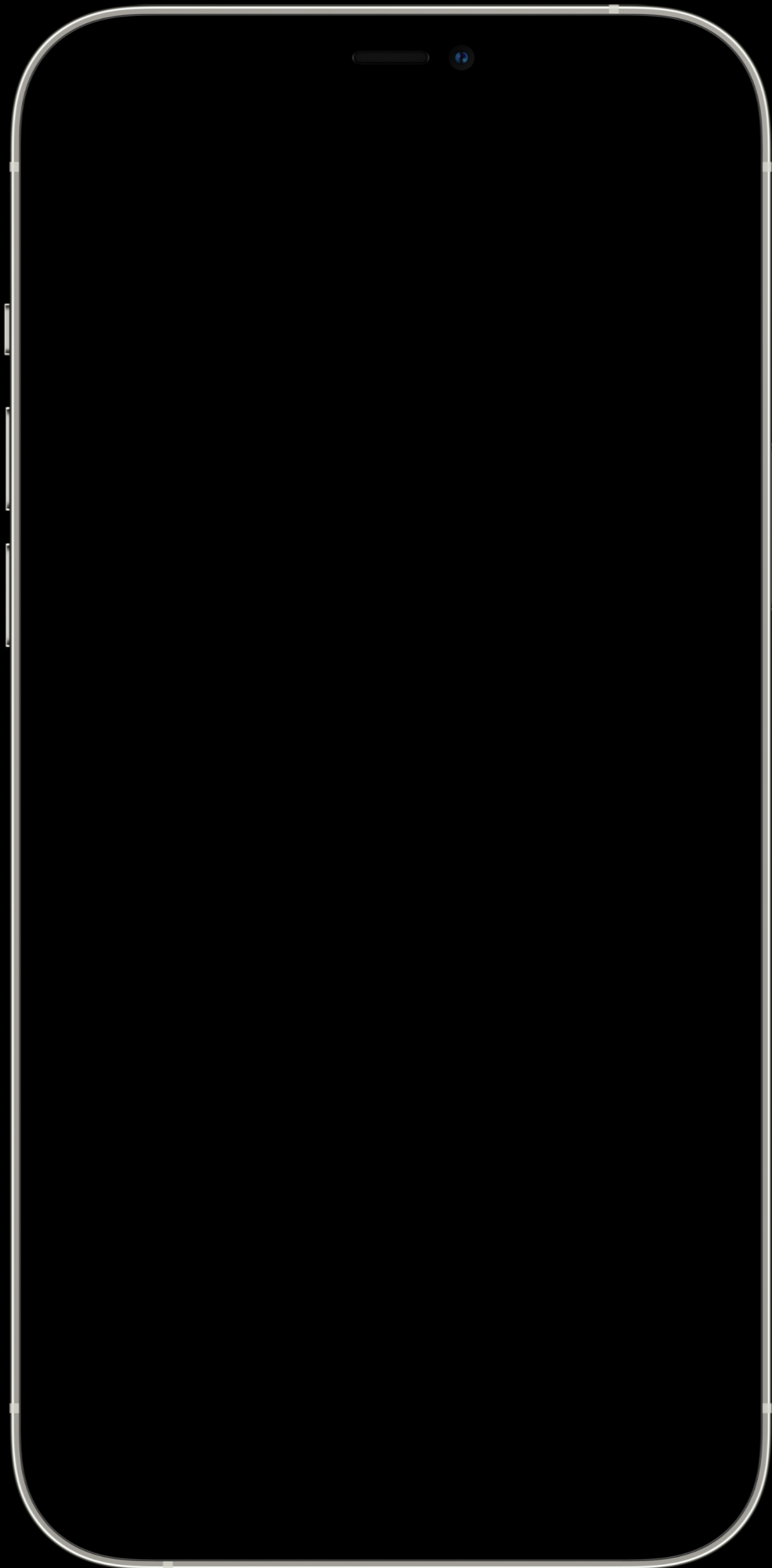
# MAPS

## Current Location

- Request for Device Location Permission
  - Permission\_handler
- Current Location
  - Geolocator
  - CameraPosition



Simple Demo



**Backend**

# Back End

## What Our Team Have Done

- Launch Test Server
- Simple API for Account
  - Sign-In
  - Sign-Up
  - Existence of Account





# Test Server Configuration

- My x86 Laptop
- Ubuntu 22.04
- NGINX Reverse-Proxy
- AWS Route53
  - [test.parkjb.com](https://test.parkjb.com)
  - 211.243.126.115



# Account

## What Entities are needed?

- **userid (min 6, max 30 letters)**
- **password (min 10, max 30 letters)**
- **username (min 1, max 10 letters)**
- **birthday (Date Type, yyyy-mm-dd)**
- **phone (010000000000)**
- **friendList[]**
- **chatList[]**
- **profile object: { image: string, message: string }**
- **and more..**

# SignUp Request POST /account/signup

● ● ● cookie\_server - SignUp

```
1  {
2    "userid": "testid123",
3    "password": "password123",
4    "username": "testname123",
5    "birthday": "2005-05-05",
6    "phone": "010-1234-5678",
7    "profile": {
8      // 추가예정
9    }
10 }
```

# SignUp Response

POST  
/account/signup

```
● ● ● cookie_server - SignIn.jsonc  
1  {  
2    "success": true,  
3    "account": {  
4      "_id": "6432463eb9cf0924039d4777",  
5      "userid": "testtest",  
6      "phone": "01000000000"  
7    }  
8  }  
9
```

# DB Account Added

```
cookie_server - test_account

1  {
2    "_id": {
3      "$oid": "6432463eb9cf0924039d4777"
4    },
5    "userid": "testtest",
6    "password": "8d9124b80290dfd92a1ecec45c7d6555c5fe06c3913a7edb4666ed1a50af6c5"
7    "username": "안녕",
8    "birthday": {
9      "$date": "2022-02-02T00:00:00.000Z"
10   },
11   "phone": "01000000000",
12   "profile": {
13     "image": "https://i.imgur.com/1Q9ZQ9r.png",
14     "message": "Hello, I'm new here!"
15   },
16   "friendList": [],
17   "chatList": [],
18   "createdAt": {
19     "$date": "2023-04-09T04:59:42.920Z"
20   },
21   "updatedAt": {
22     "$date": "2023-04-09T04:59:42.920Z"
23   },
24   "__v": 0
25 }
26
```

Original password was "password123"

# SignIn Request

POST  
/account/signin

● ● ● cookie\_server - SignIn.jsonc

```
1 {  
2   "userid": "testid123",  
3   "password": "password123"  
4 }
```

# SignIn Response

POST  
/account/signin

● ● ● cookie\_server - SignIn.jsonc

```
1  {
2    "success": true,
3    "account": {
4      "_id": "6432463eb9cf0924039d4777",
5      "userid": "testtest",
6      "phone": "01000000000"
7    }
8  }
9
```

**Existence  
Request  
GET  
/account/exist**





```
1  {
2    "query": {
3      "phone": "01011224334",
4      "userid": "asdfas"
5    },
6    "result": false,
7    "message": "Not Found"
8  }
9
```

`/account/exists?phone=01011224334&userid=asdfas`



```
1  {  
2    "query": {  
3      "userid": "testtest"  
4    },  
5    "result": true,  
6    "message": "Already Exists"  
7  }  
8
```

`/account/exists?userid=testtest`

# Authentication

Are you the real “testtest” user?

# Authorization

Is this operation (read, write, send message etc.) permitted to “testtest” user?

# TODO

## Account Authorization

- JWT JSON Web Token
- FlutterSecureStorage

# Thank You

Questions are welcome