NT118.O14.MMCL DEC, 2023

ANDROID APP



INDOOR AIR QUALITY MONITORING APPLICATION

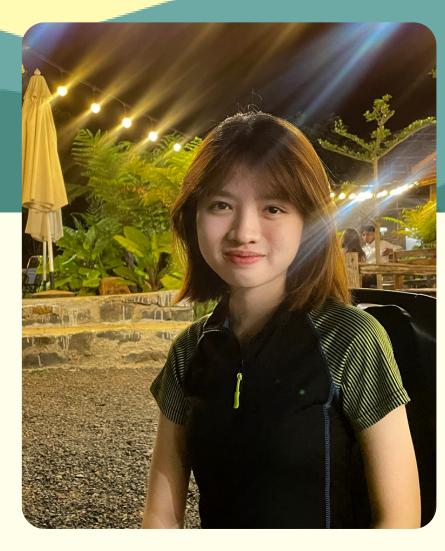


GROUP 13

INSTRUCTORS: MSC. THÁI DUY TÂN PHD. LÊ KIM HÙNG

MOBILE APPLICATION DEVELOPMENT

MSST OUR TEAM



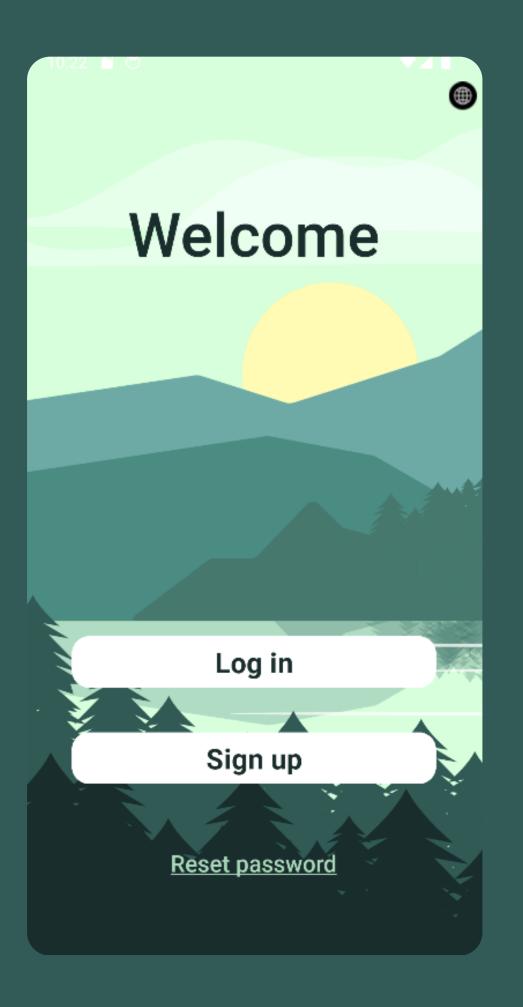
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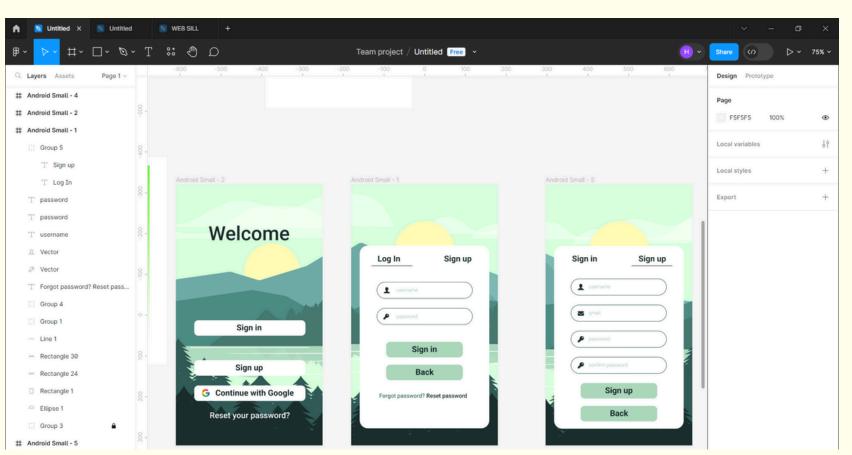
Hồ THỊ KHÁNH HIỀN21522057

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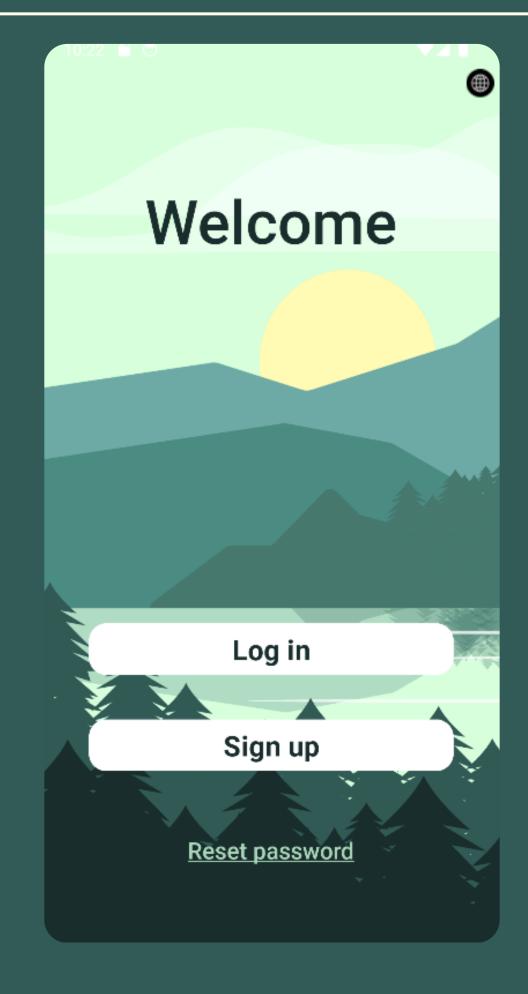




1. INTRODUCTION

- Build interface on Figma.
- Functions:
 - Login In, Sign Up
 - Мар
 - Chart
 - User
 - Feedback

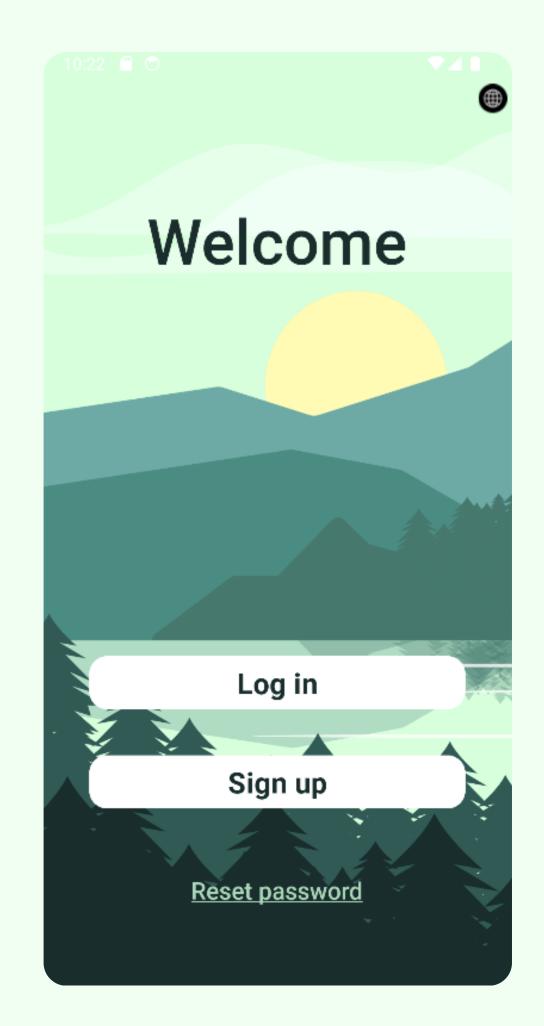
2. FUNCTION AND IMPLEMENTATION PROCESS

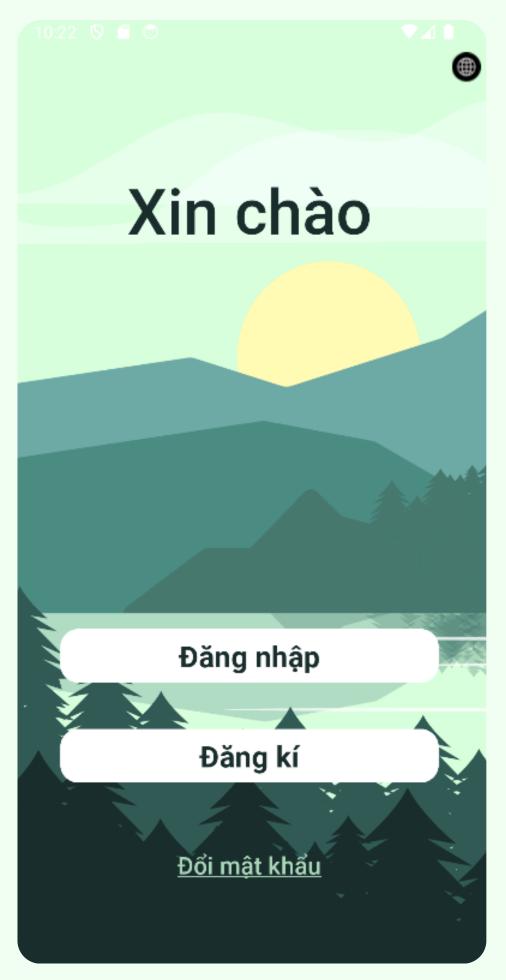




2. FUNCTION2.1.CHANGE LANGUAGE

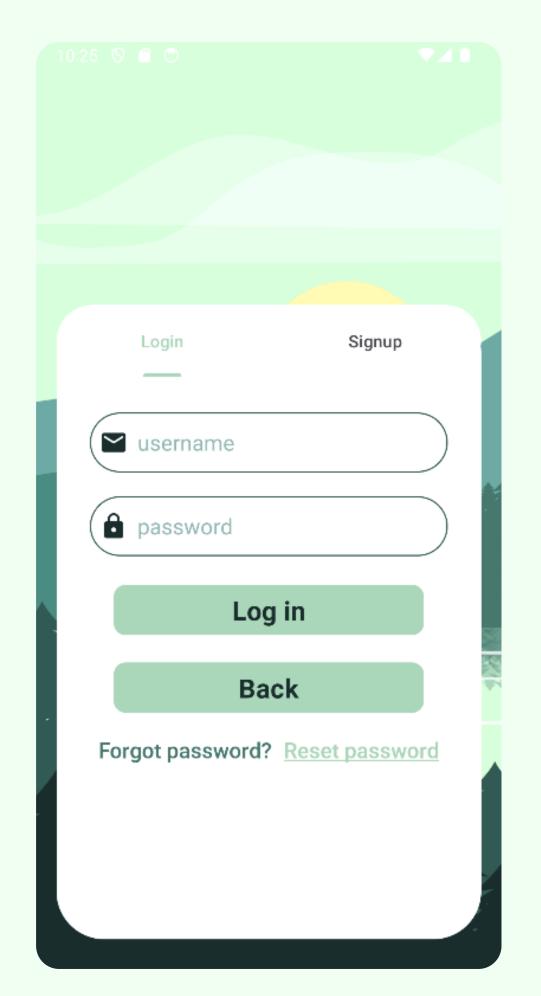
Two languages are set: English and Vietnamese

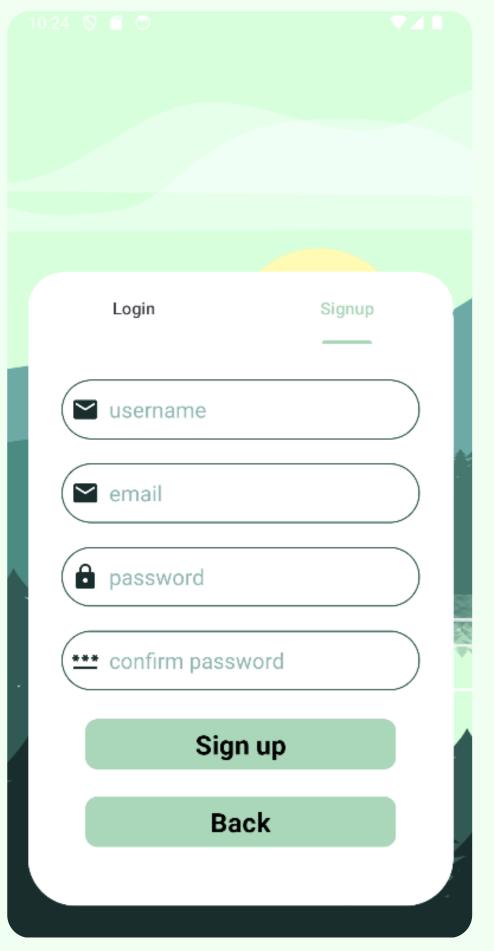




2.2. LOG IN AND SIGN UP

LOG IN SIGN UP







2. FUCNTION

2.4. HOME FRAGMENT

Display:

- Username.
- Attributes: Temperature,
 Humidity, Wind Speed, Rainfall.



2.5. MAP FRAGMENT

Display:

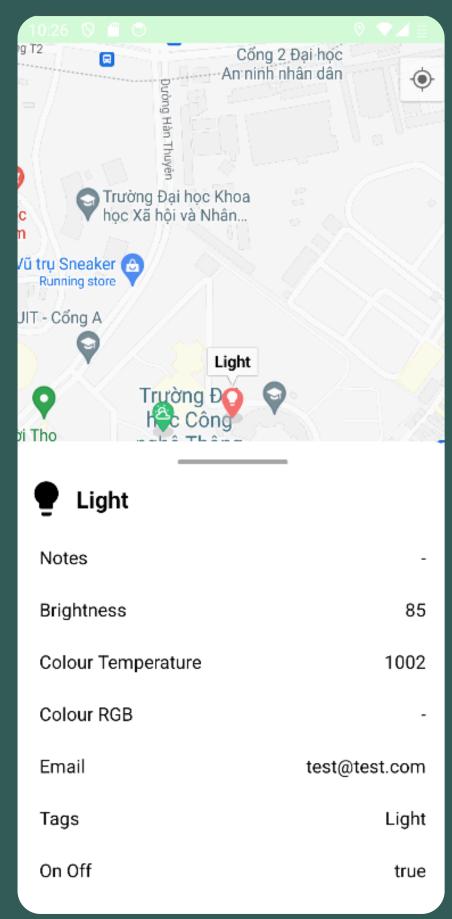
- Device.
- Device's details.

Using GoogleMap API.

Call API from:

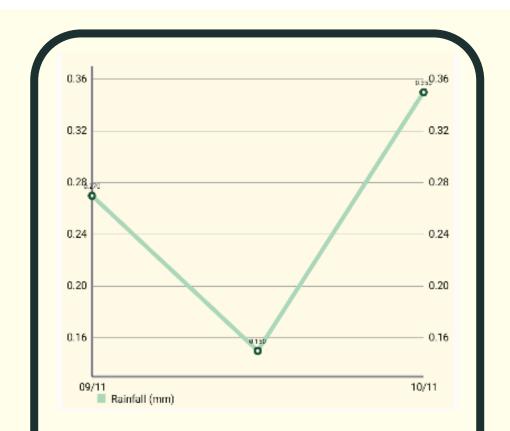
```
@Headers("Content-Type: application/json")
@POST("api/master/asset/query")
Call<List<Device>> queryDevices(@Body JsonObject body);
```

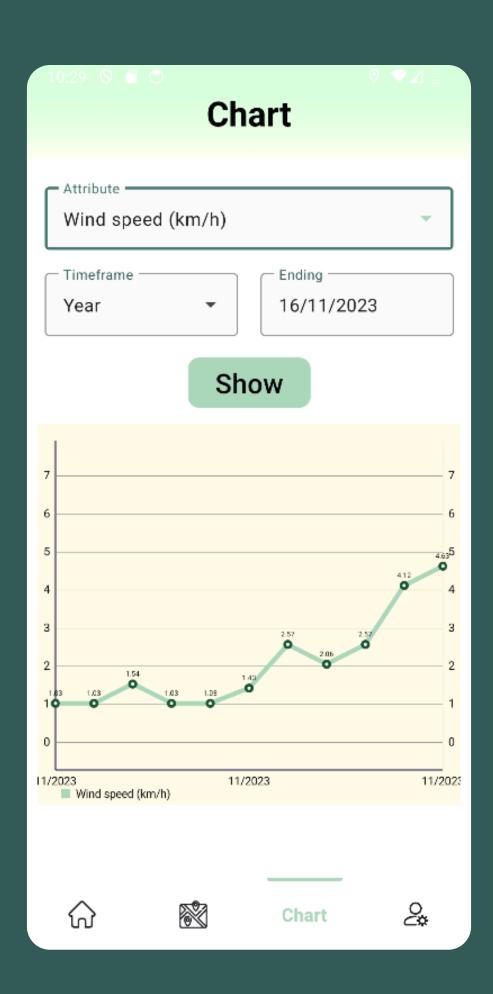


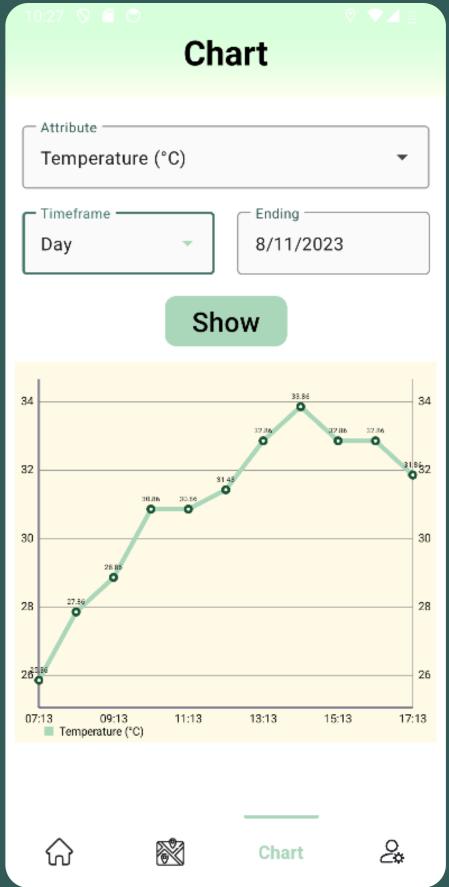


2.6. CHART FRAGMENT

- Using Linechart Library.
- Call API from Asset datapoint:





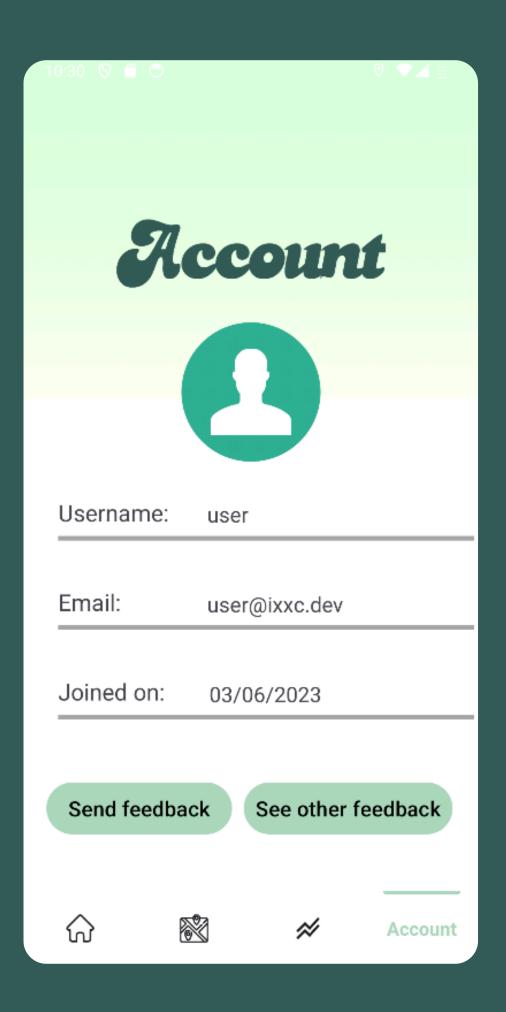


2.7. USER FRAGMENT

Display:

- Account details.
- Send feedback about weather reality.

```
@GET("api/master/user/user")
Call<User> getUserInfo();
```

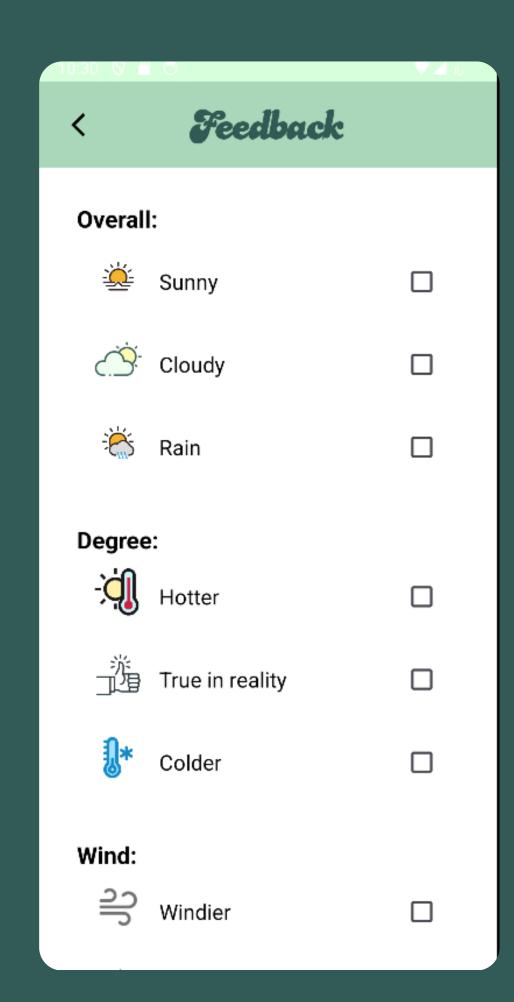


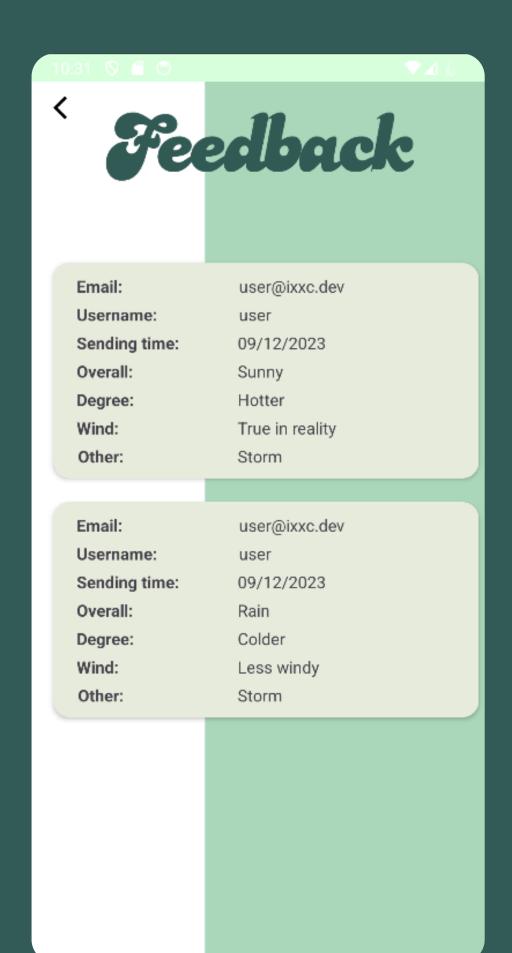
2.8. FEED BACK

Include:

- Send feedback about weather.
- See feedback from other users.

Use Database for storage.







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DEMO

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THANKS FOR LISTENING





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MOBILE APPLICATION DEVELOPMENT