

Mobile Application Development

Project Demo

Team-3

20214234 김하람

20211973 나정원

20215929 이가연





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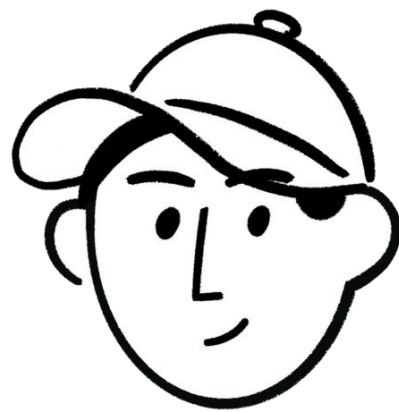
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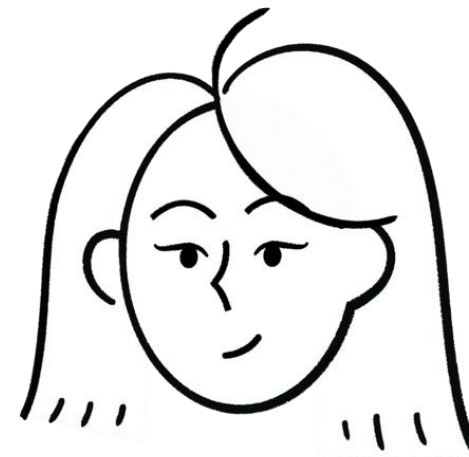
PROJECT MANAGEMENT

01. Team Introduction



김하람

-
- Data Modeling
 - Back-end
& Infrastructure



나정원

-
- UI/UX Design
 - Front-end
& Design System



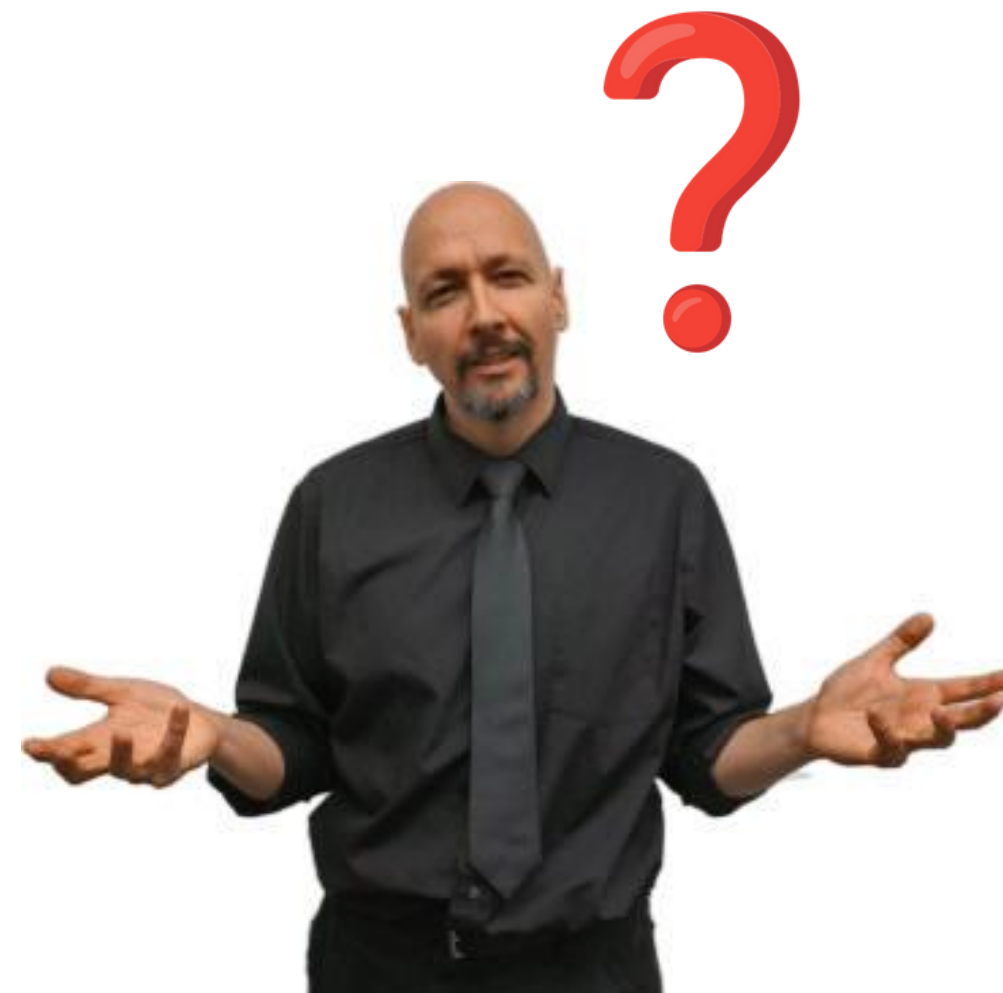
이가연

-
- UI Modeling
 - Front-end
& Core-UI

...

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02. Project Topic # Motivation

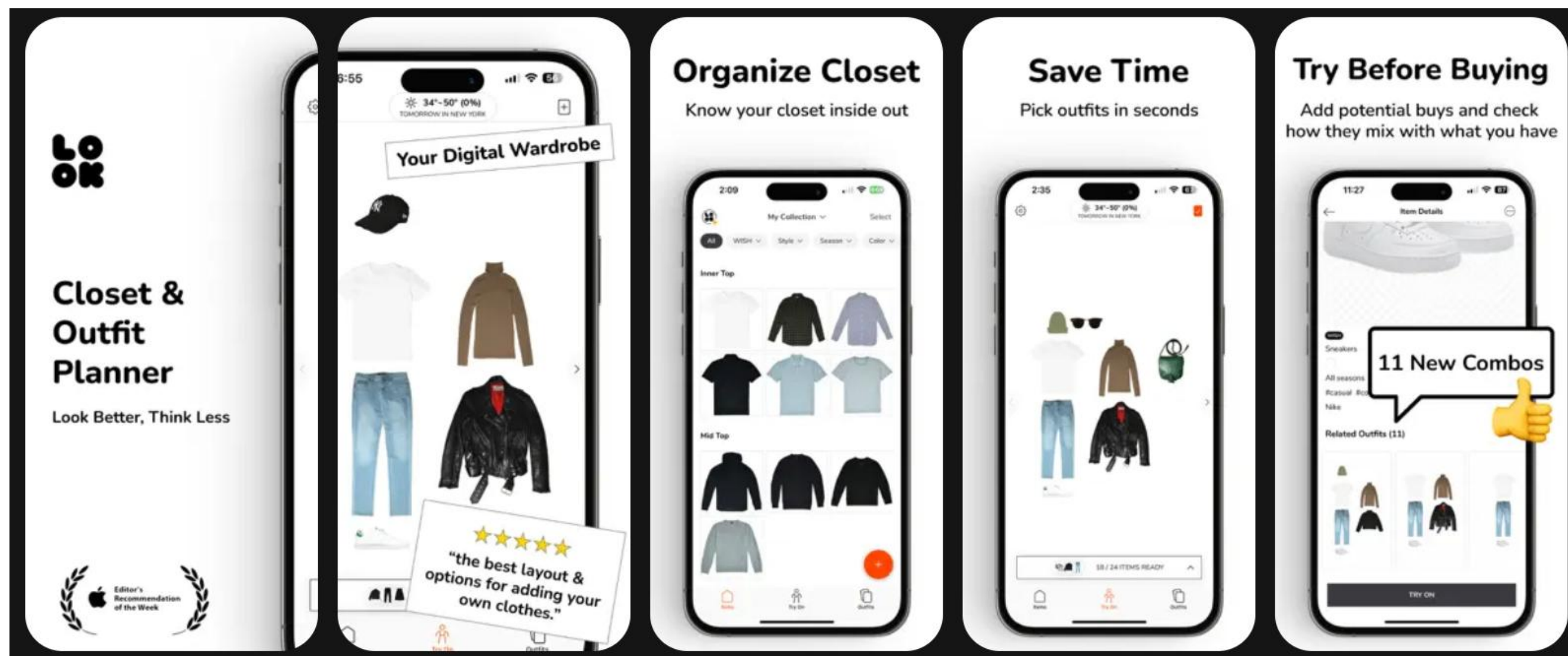


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02. Project Topic # Background

▼ [Outfit Planner Lookscope]



02. Project Topic # Background

▼ [Weather Fit – Outfit Planner]



...

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02. Project Topic # Idea



It was way **too hot inside**,
and it was **hot during the day**, too.



The wind made it
absolutely **freezing**.

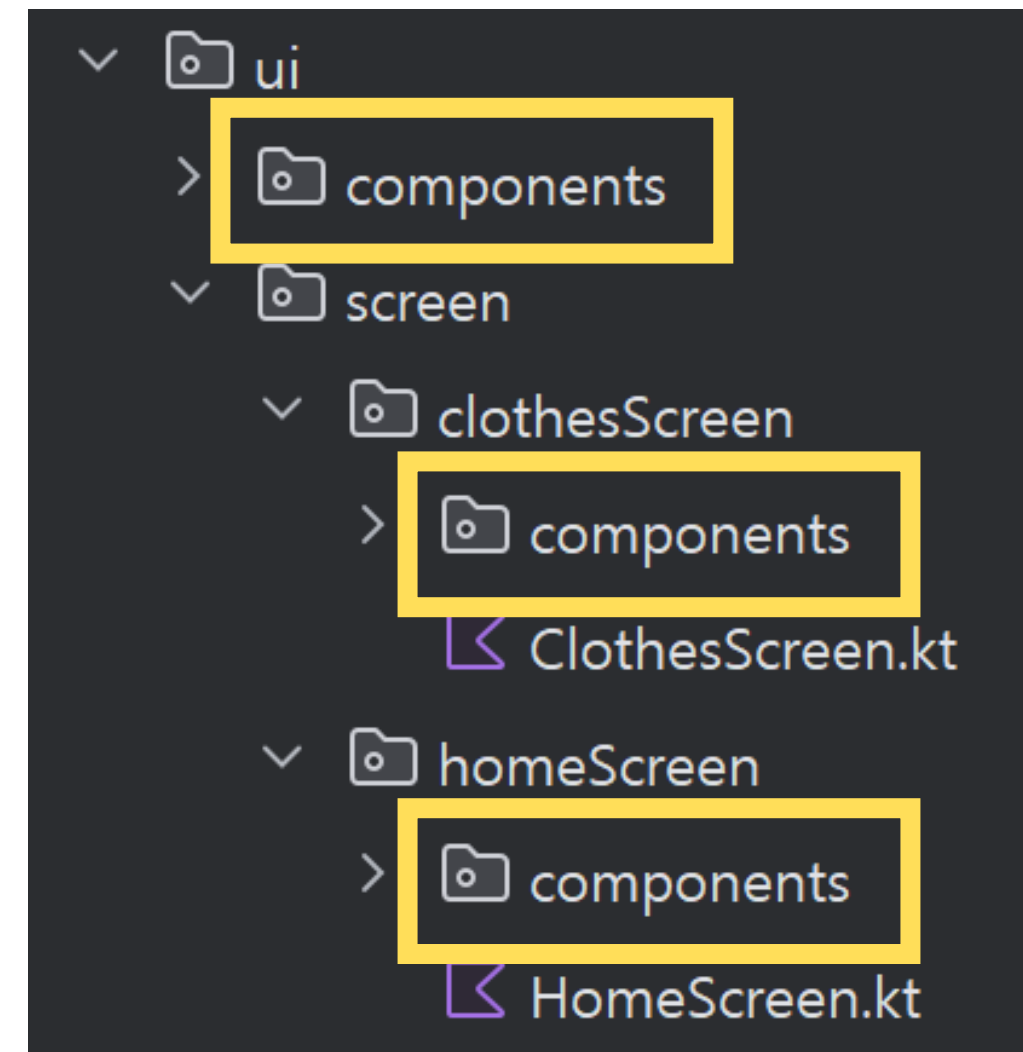


03. Skills & Technologies

Mobile Development



Jetpack
Compose

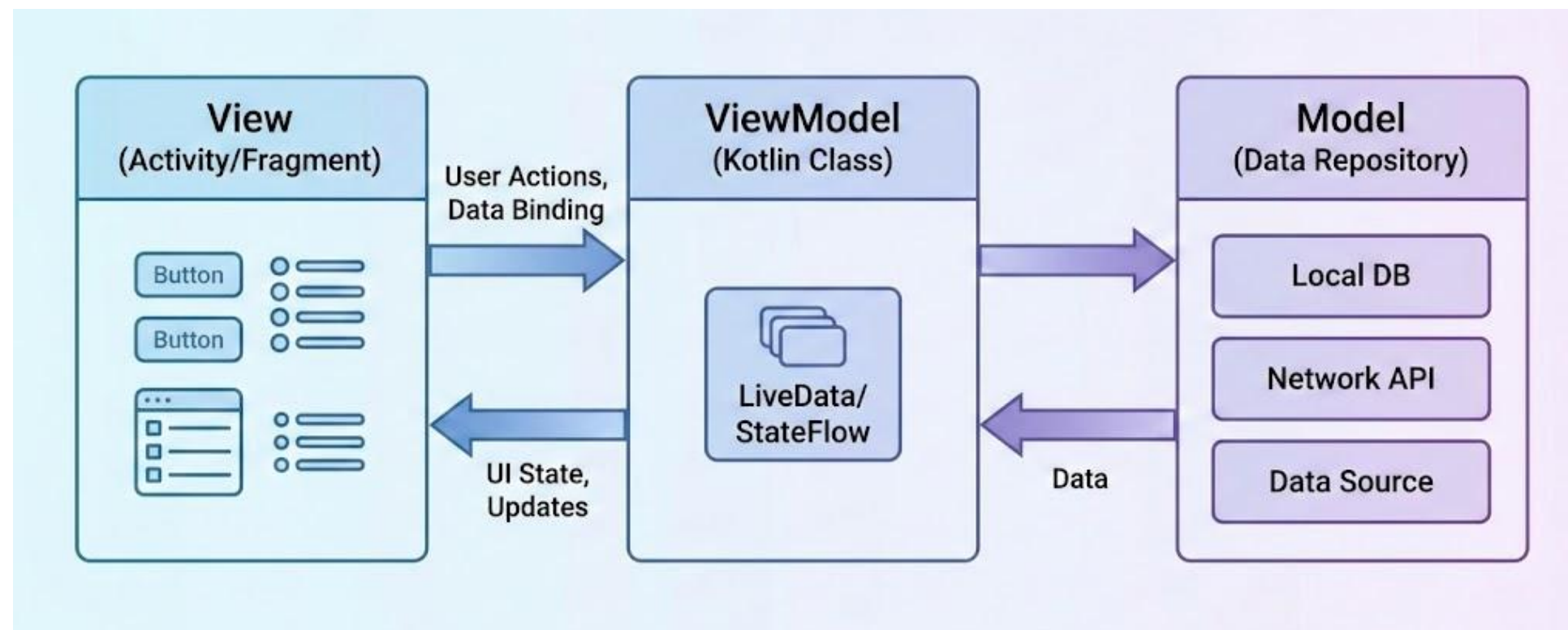


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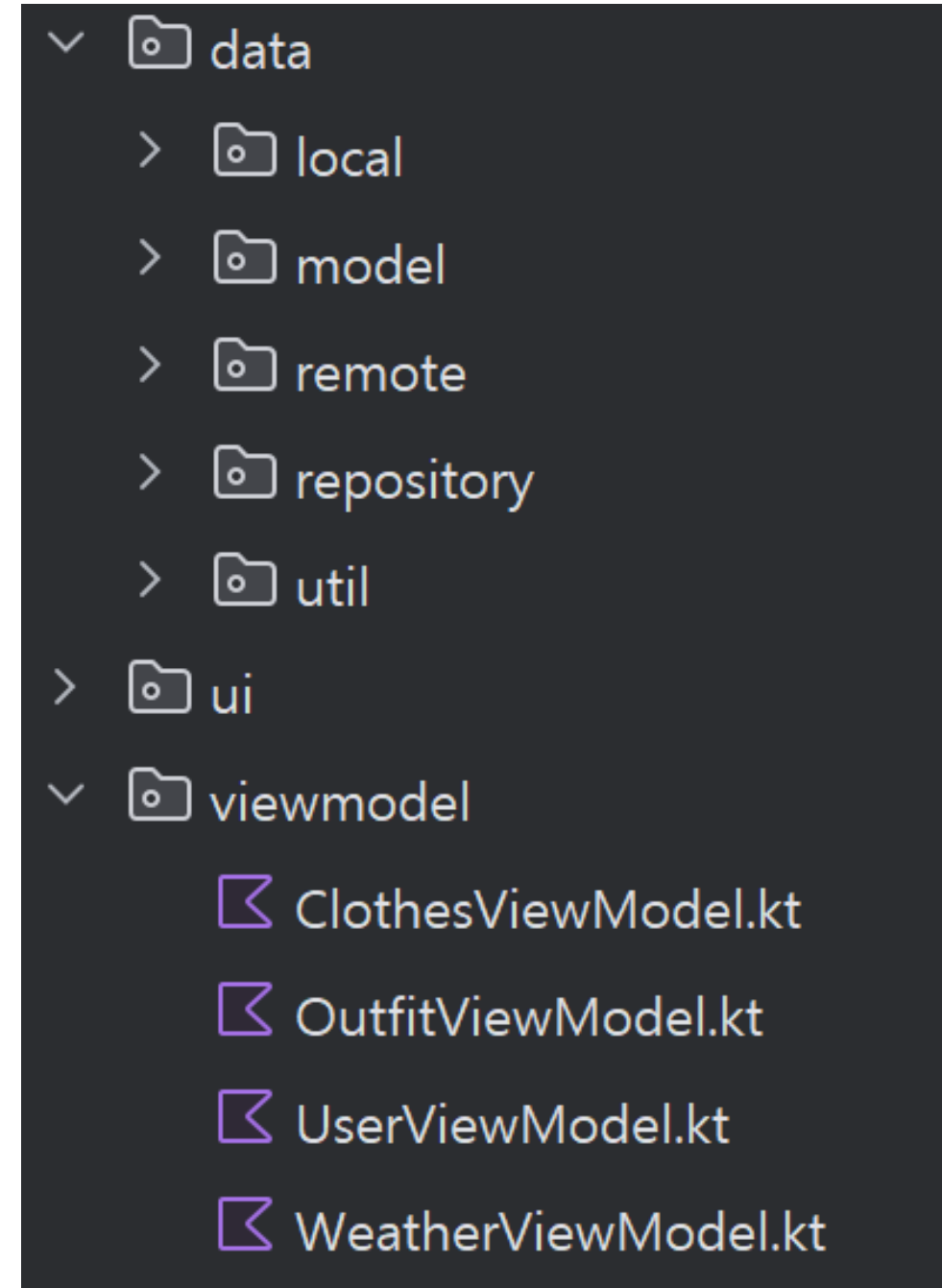
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03. Skills & Technologies

Design Pattern

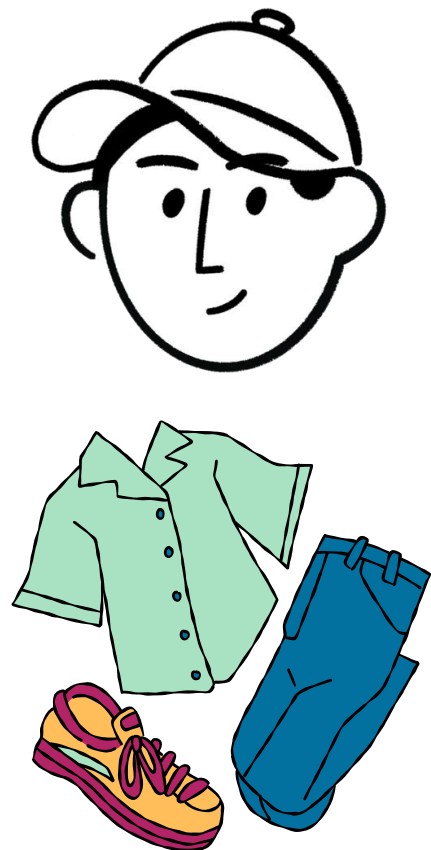


MVVM (Model – View – ViewModel)

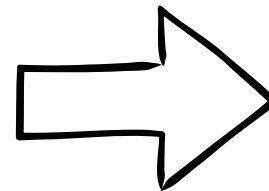


03. Skills & Technologies

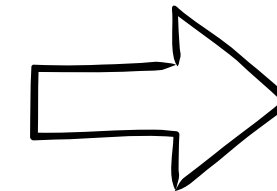
Data Management



User Adds Outfits



Store data in RoomDB
is_synced = **false**



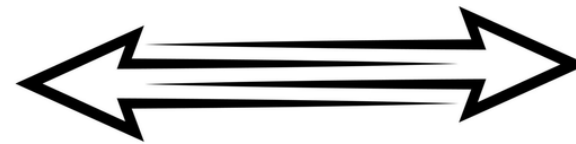
Synchronize with Firebase
is_synced = **true**

...

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03. Skills & Technologies

RESTful Weather API Integration



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03. Skills & Technologies

Collaboration & Project Management Tools





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04. Features & Project Demo

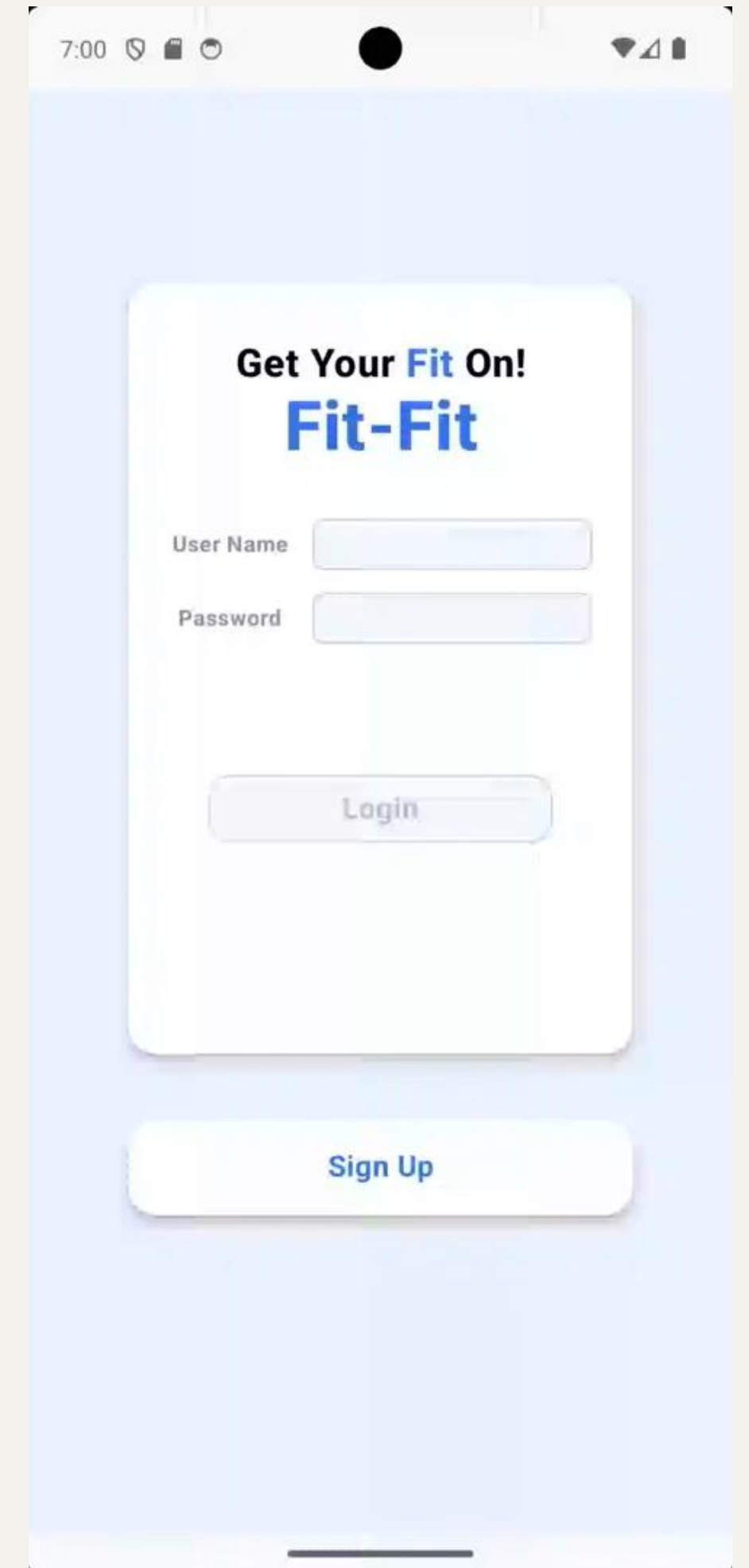


with Alice

... 04. Features & Project Demo

User Management

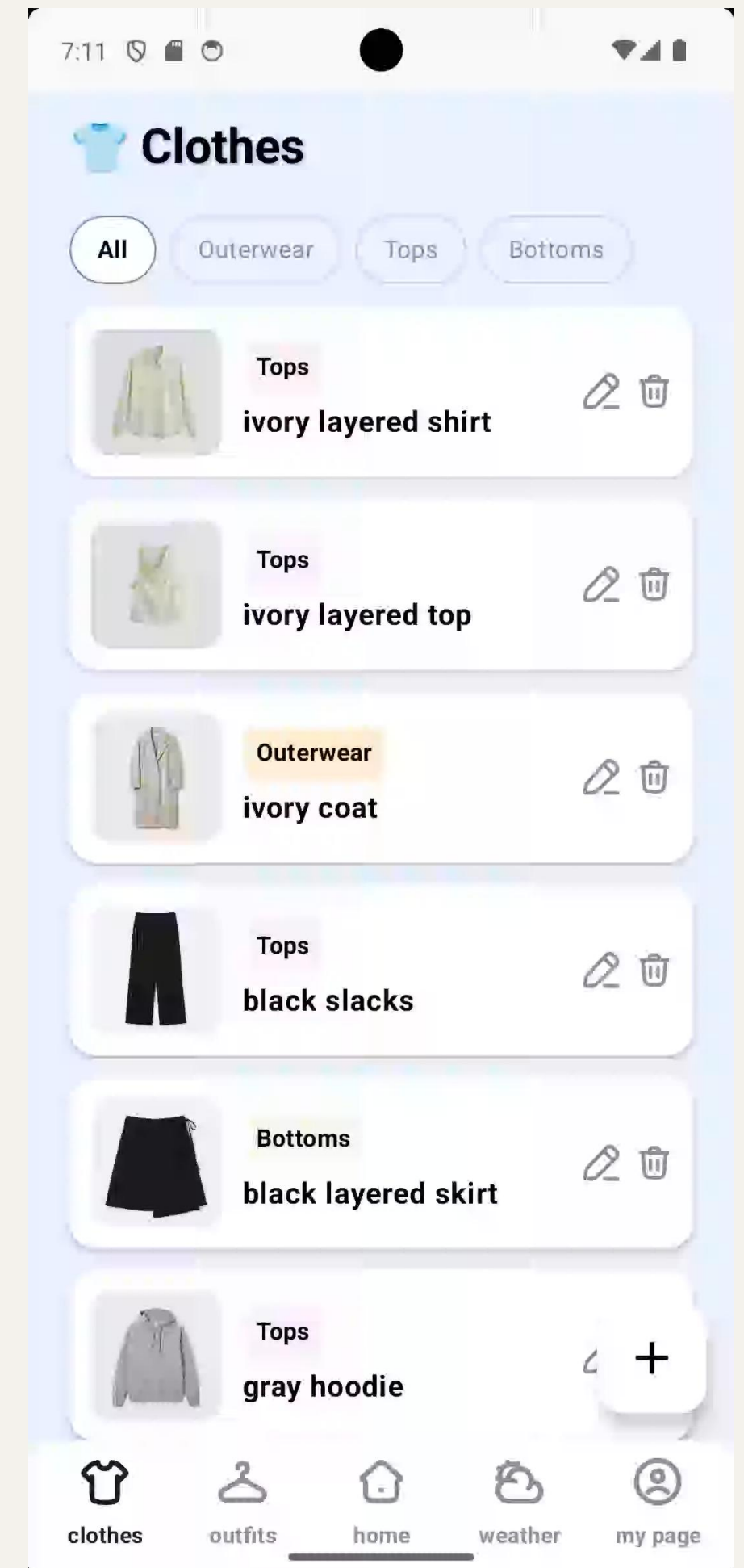
- Login & Register
- Session Management & Auto-Login
- Real-time synchronization with Firebase



... 04. Features & Project Demo

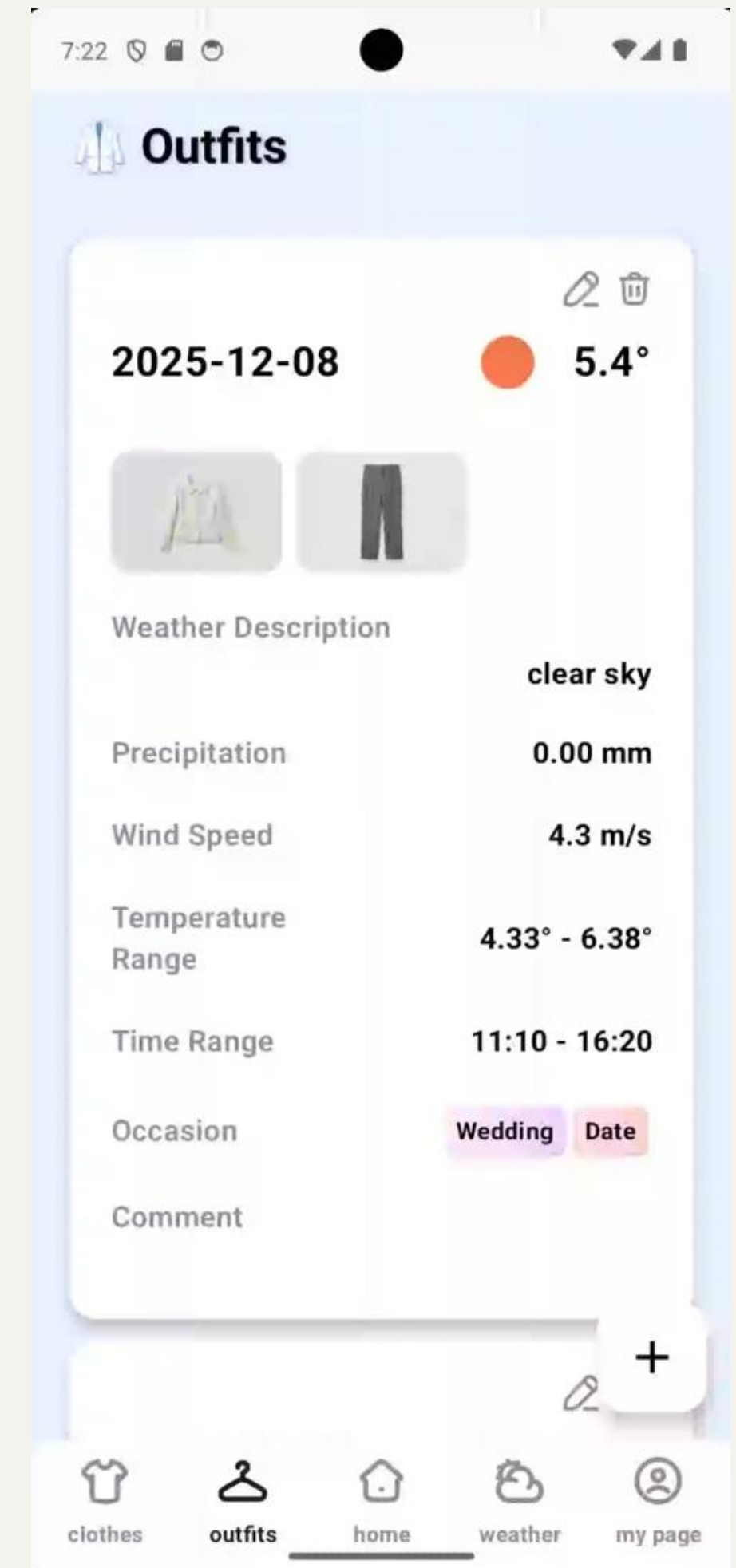
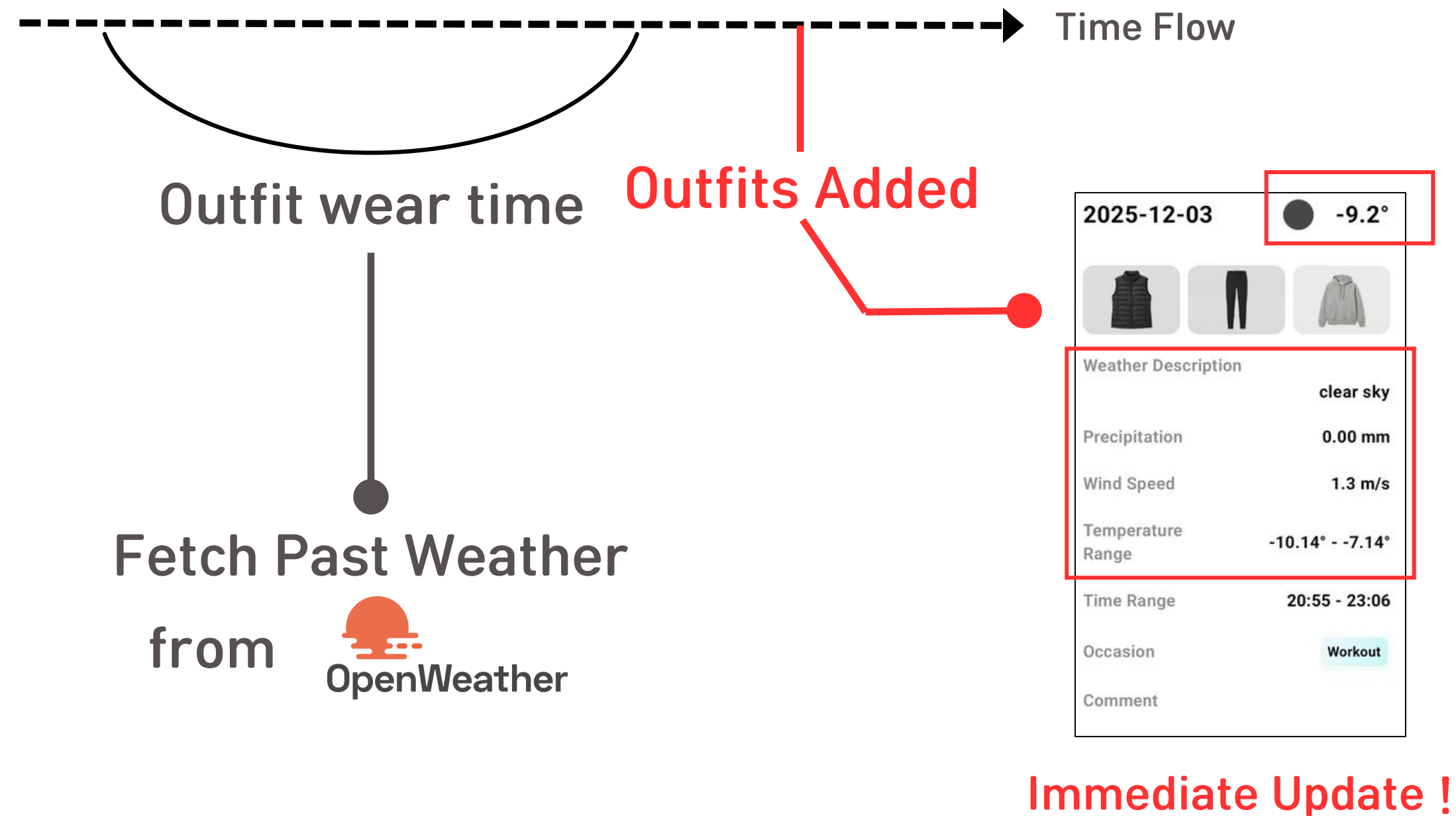
Clothes Management

- **CRUD**
 - Create & register clothes items
 - Read personal clothes items
 - Update item details
 - Delete unused clothes items
- **Category Management**



... 04. Features & Project Demo

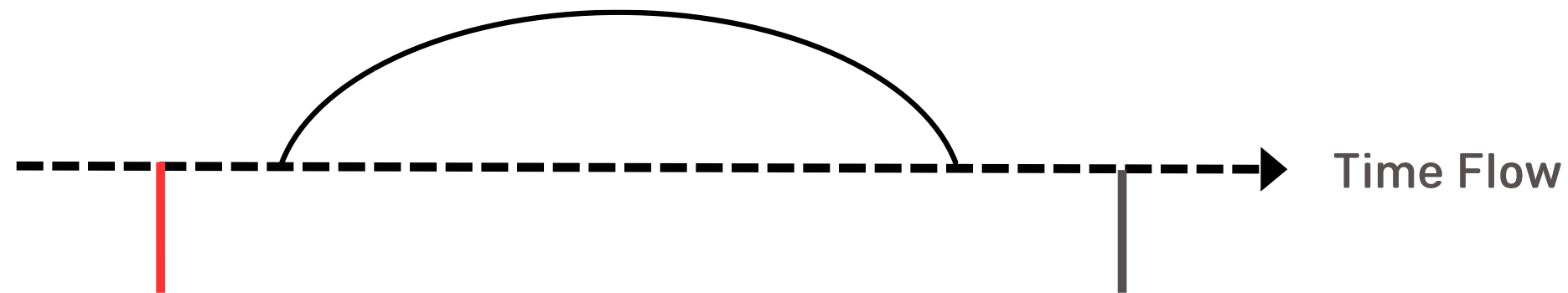
Outfits Management (Case 1)



... 04. Features & Project Demo



Case 2

Scheduled outfit time






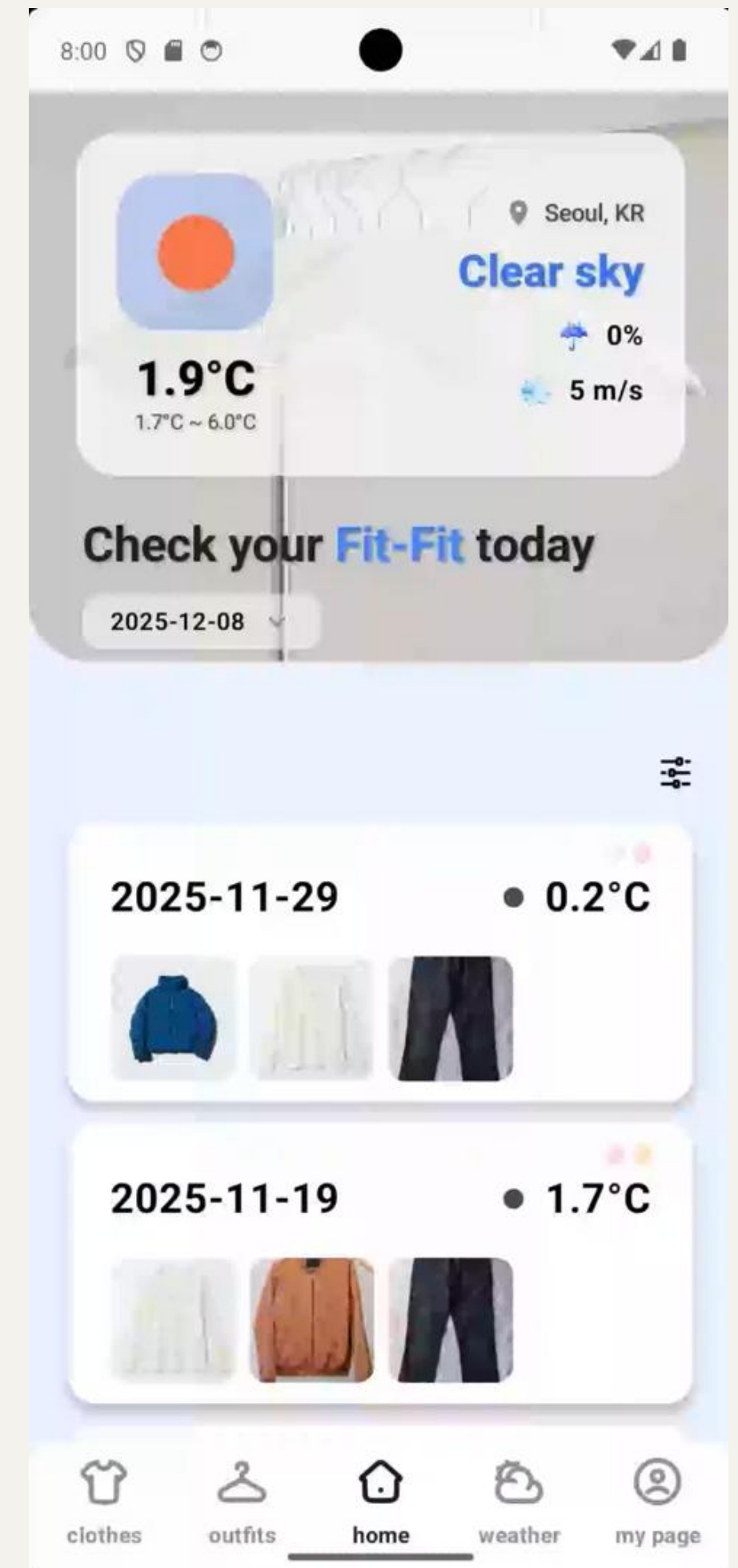
Outfits Added

Will be fetched

2025-12-08	
	
Weather Description	To be updated...
Precipitation	To be updated...
Wind Speed	To be updated...
Temperature Range	To be updated...
Time Range	11:10 - 16:20
Occasion	Wedding Date
Comment	

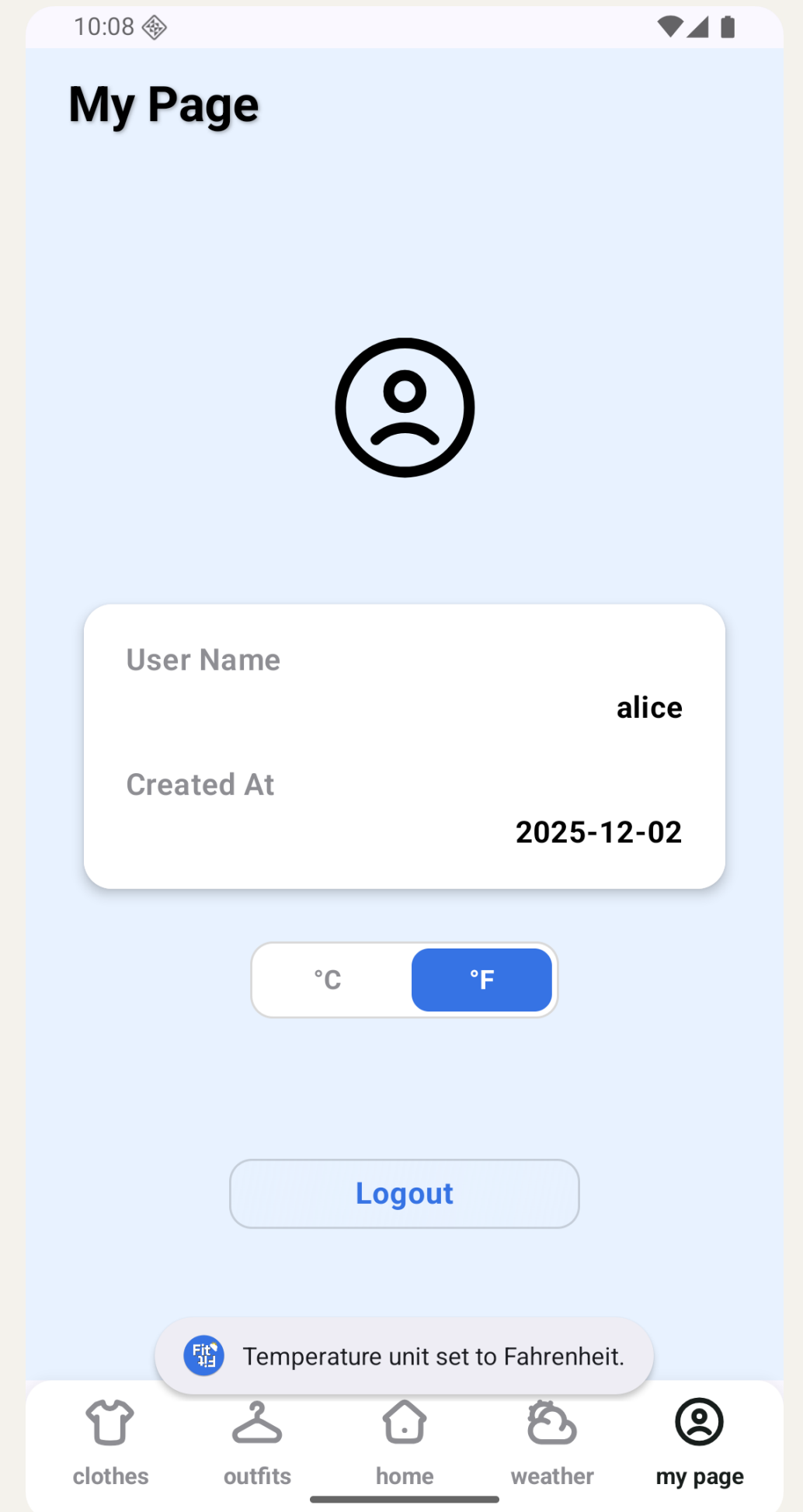
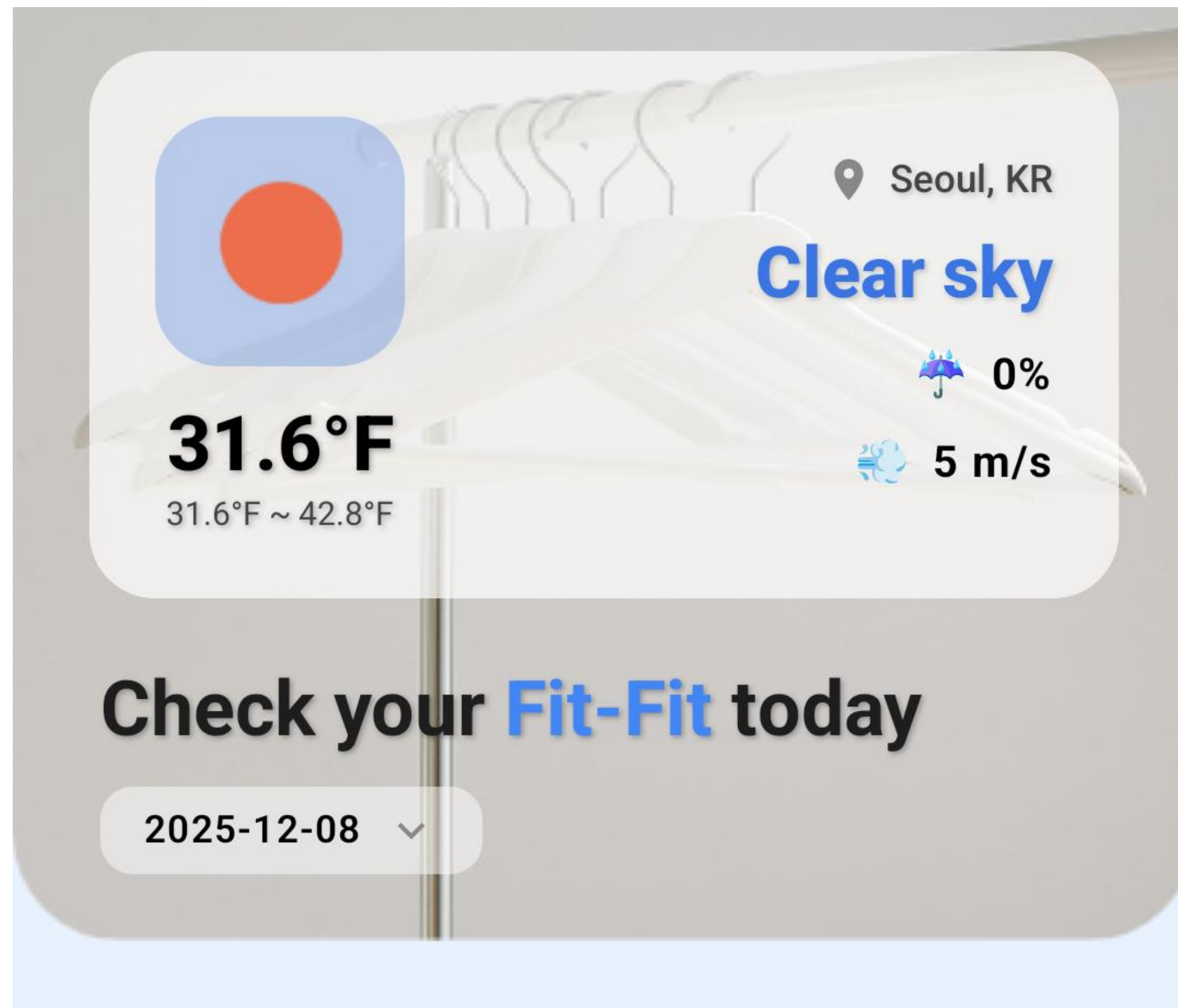
Waiting for update !

2025-12-08	 5.4°
	
Weather Description	clear sky
Precipitation	0.00 mm
Wind Speed	4.3 m/s
Temperature Range	4.33° - 6.38°
Time Range	11:10 - 16:20
Occasion	Wedding Date
Comment	



... 04. Features & Project Demo

Temperature Unit Settings (This is for exchange student!)




05. Project Management

Skills We Learned

- MVVM architecture
- Firebase Integration

Self-Evaluation

- Good Teamwork!

41845e1 · 49 minutes ago  193 Commits

Improvement Points

- Personalized AI recommendations using user comments
- Expansion clothing category



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Q & A

Thank you

Enjoy your year-end :)

