

# Pocket Home

Carry your home outside.

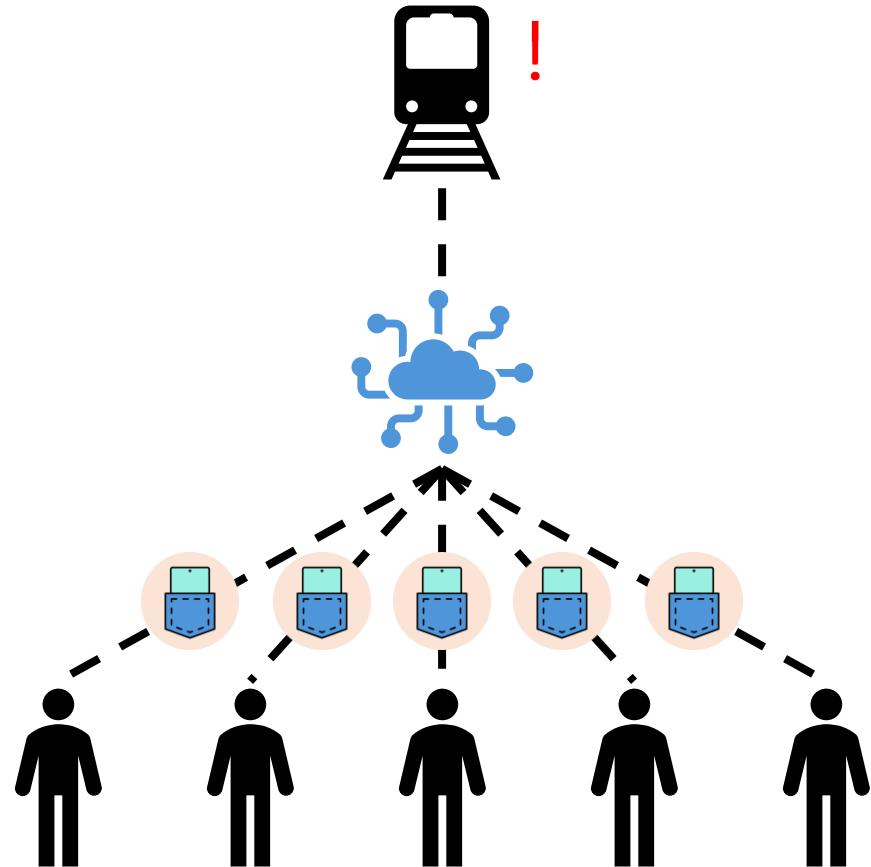
Lee Siwoong

Park Jaebeom

Jang Yuanjae

# About PocketHome

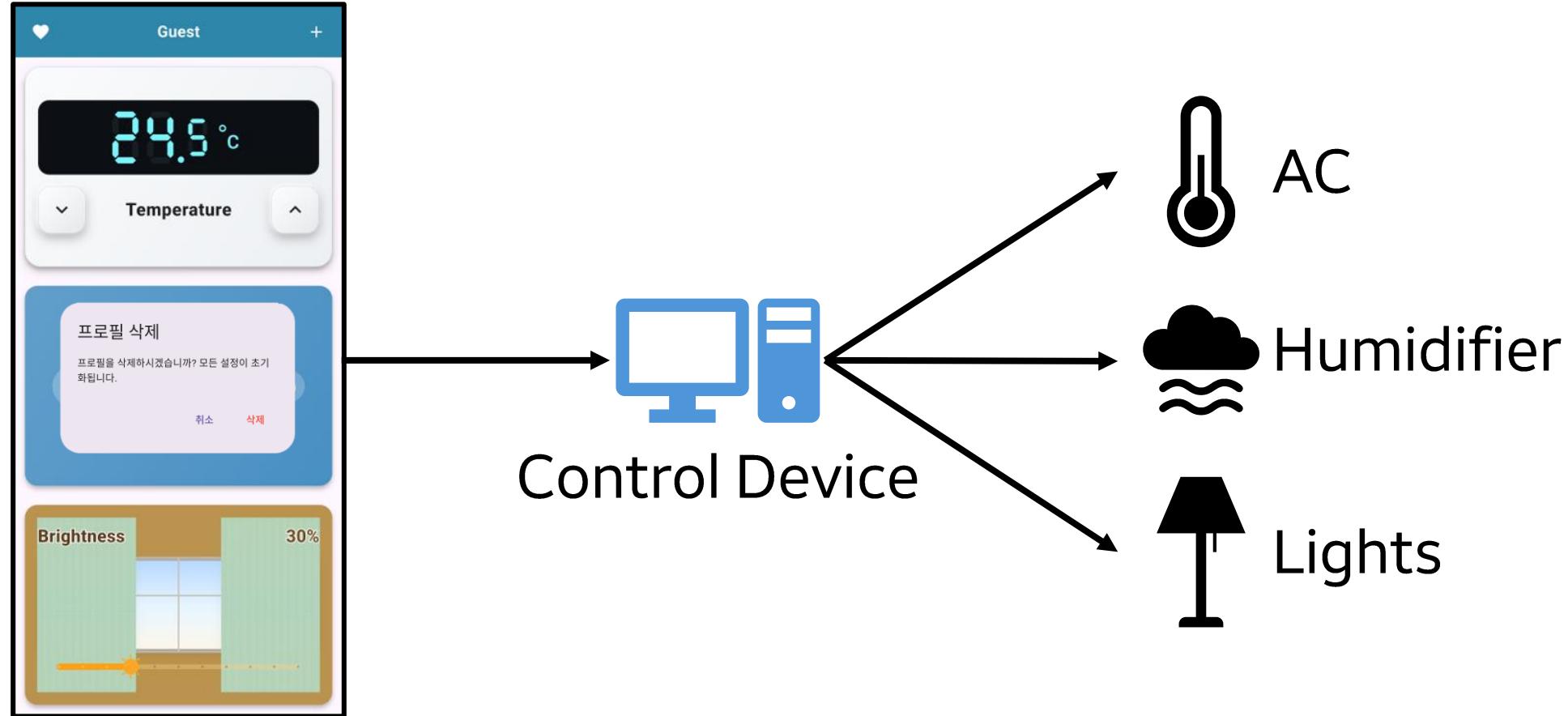
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Users: n  
Control Admin: 1

User can affect to  
control the  
environment

# Use Case



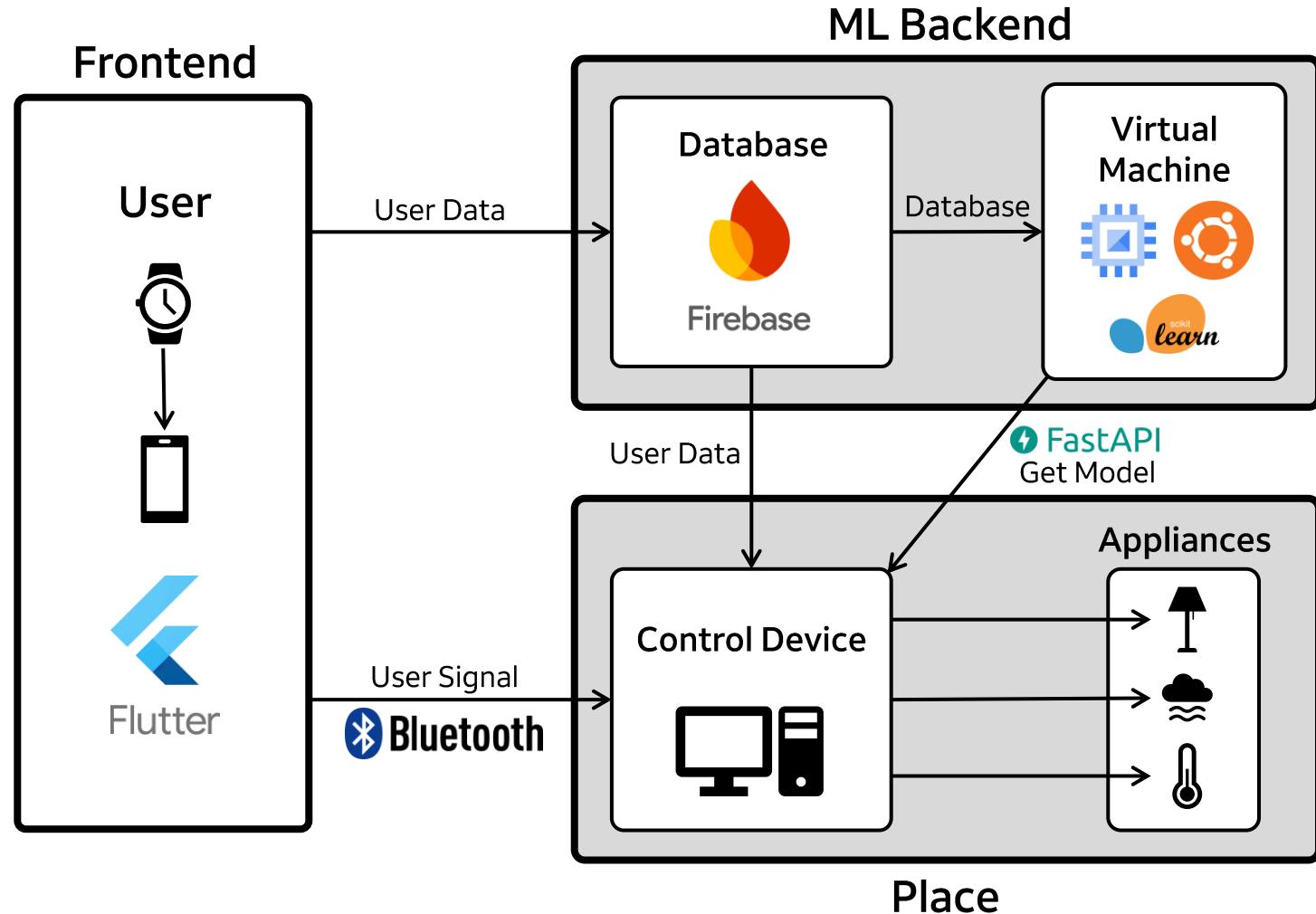
# Demo

The screenshot shows the SWEP Cloud Firestore interface. On the left, there's a sidebar with icons for Home, Settings, and a search bar. The main navigation bar includes 'Cloud Firestore > 데이터베이스 추가' (Create Database) and a note about using Gemini with Firestore. Below this are tabs for '데이터' (Data), '규칙' (Rules), '색인' (Indexes), '재해 복구' (Backup & Restore), '사용량' (Usage), and 'Extensions'. A '데이터베이스' (Database) section is highlighted.

The main area shows a path 'users > users'. On the left, a modal dialog box is open with a pink background, titled '아이디를 입력하세요' (Enter ID). It contains a text input field labeled '사용자 ID' with a placeholder 'ID' and a button labeled '이용약관' (Terms of Service). Below the input field is a note: '확인 버튼을 눌러 앱을 사용함으로써 이용약관에 동의합니다.' (By pressing the confirmation button, you agree to the terms of service). A '확인' (Confirm) button is at the bottom of the modal.

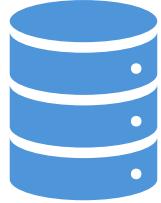
To the right of the modal, the 'users' collection is displayed in a table with a single row. The row has a delete icon, the text 'users', and a '문서 추가' (Add Document) button. A note below the table says '이 컬렉션에 문서가 없습니다.' (No documents in this collection).

# Architecture

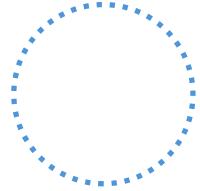


# AI Structure

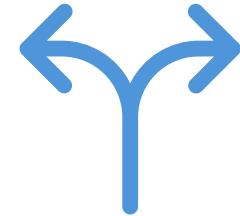
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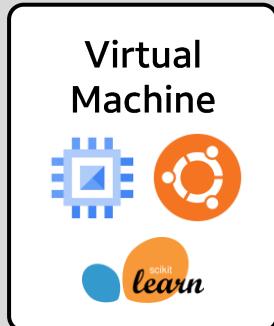
**Collect Data**  
from database



**Preprocessing**  
missing values



**Model Training**  
by random forest regressor



Virtual Machine trains the model,  
and sends it in .json to end hosts.

# App Demonstration

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**Thank you for listening**