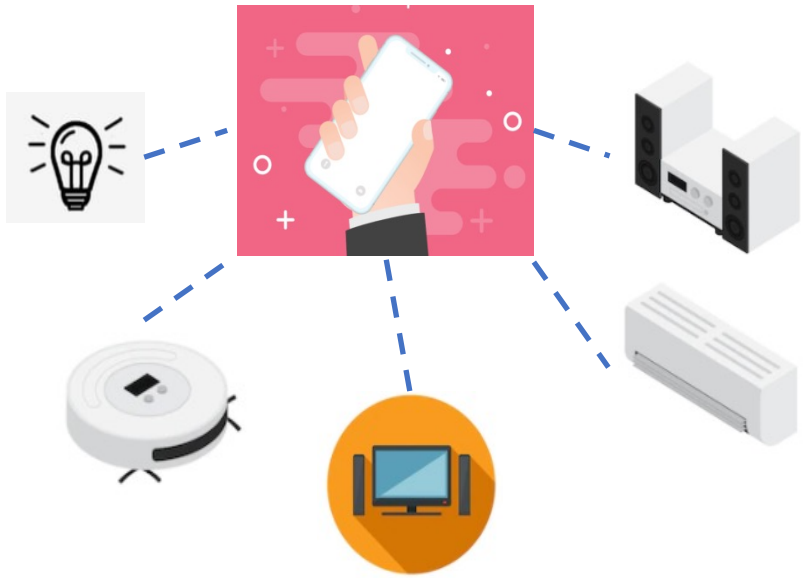
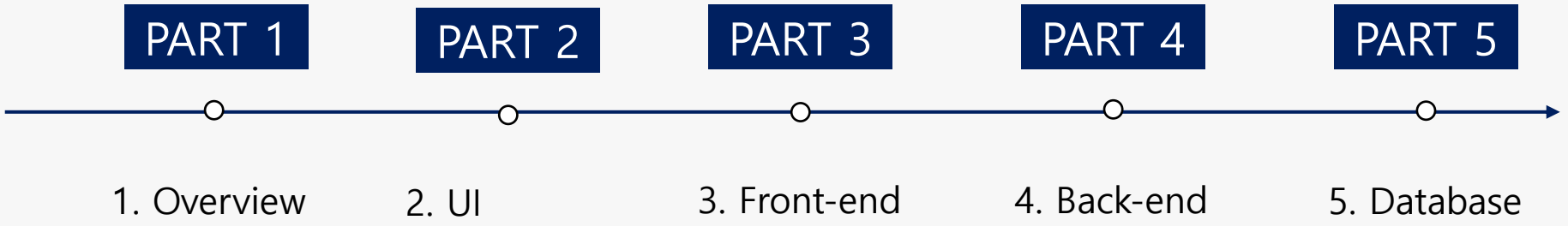
Smart Remote Control



Final Presentaion

Team 12

CONTENTS


PART 1
PART 2
PART 3
PART 4
PART 5
1. Overview
2. UI
3. Front-end
4. Back-end
5. Database

PART 1 Overview

1 Problem

2 Goal

01 Overview

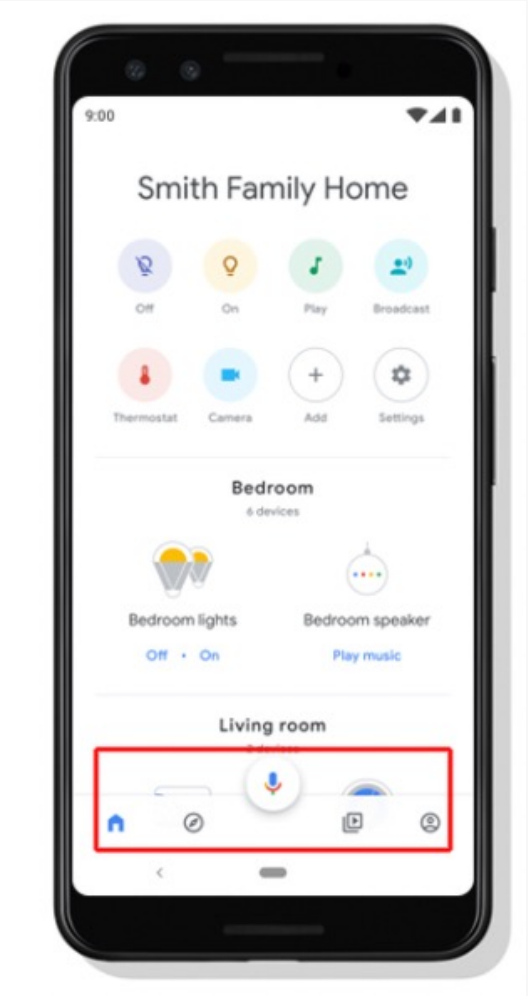
Problem

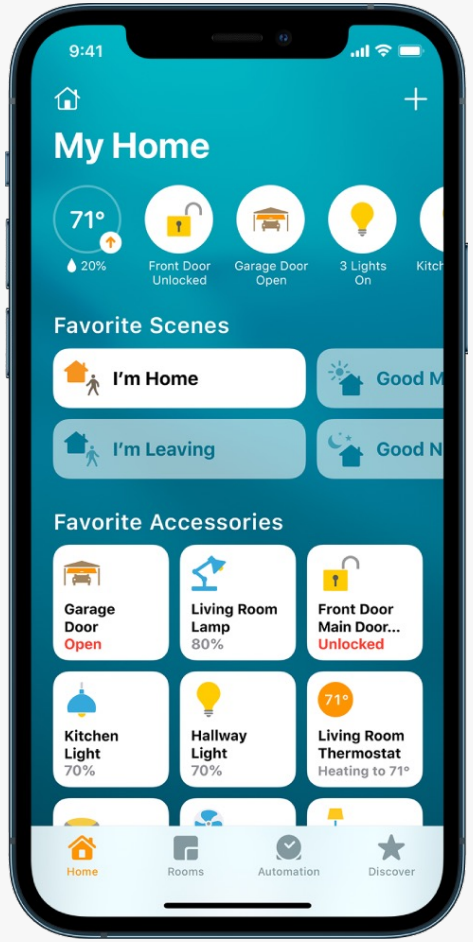
Apple homes and google home are two major smart home applications in the market.

01

Overview

Problem

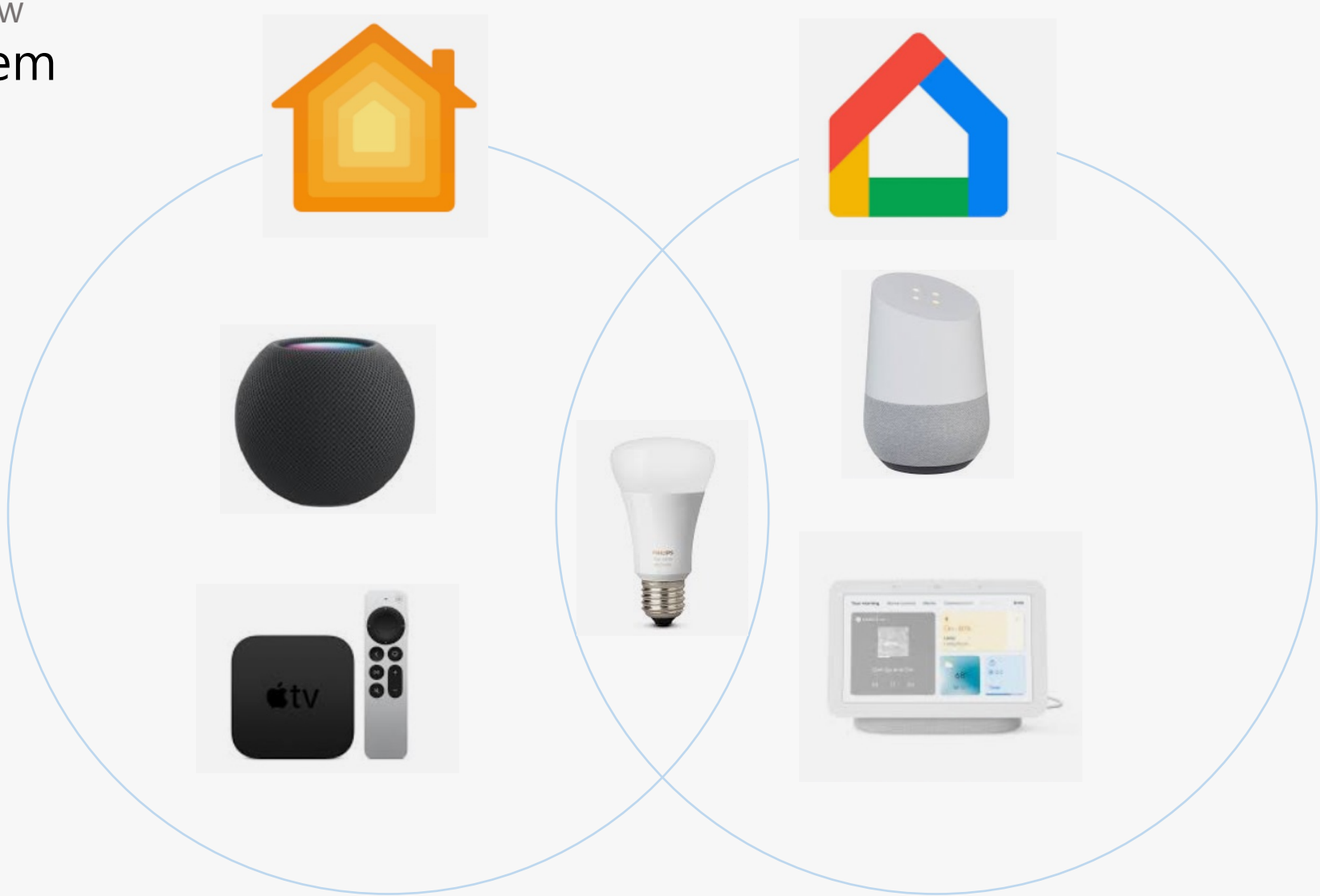




Apple homes and google home are two major smart home applications in the market.

01 Overview

Problem

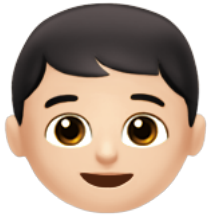


There are various devices that each apps support. But there are not much devices that is supported by both apps

01 Overview
Problem

android

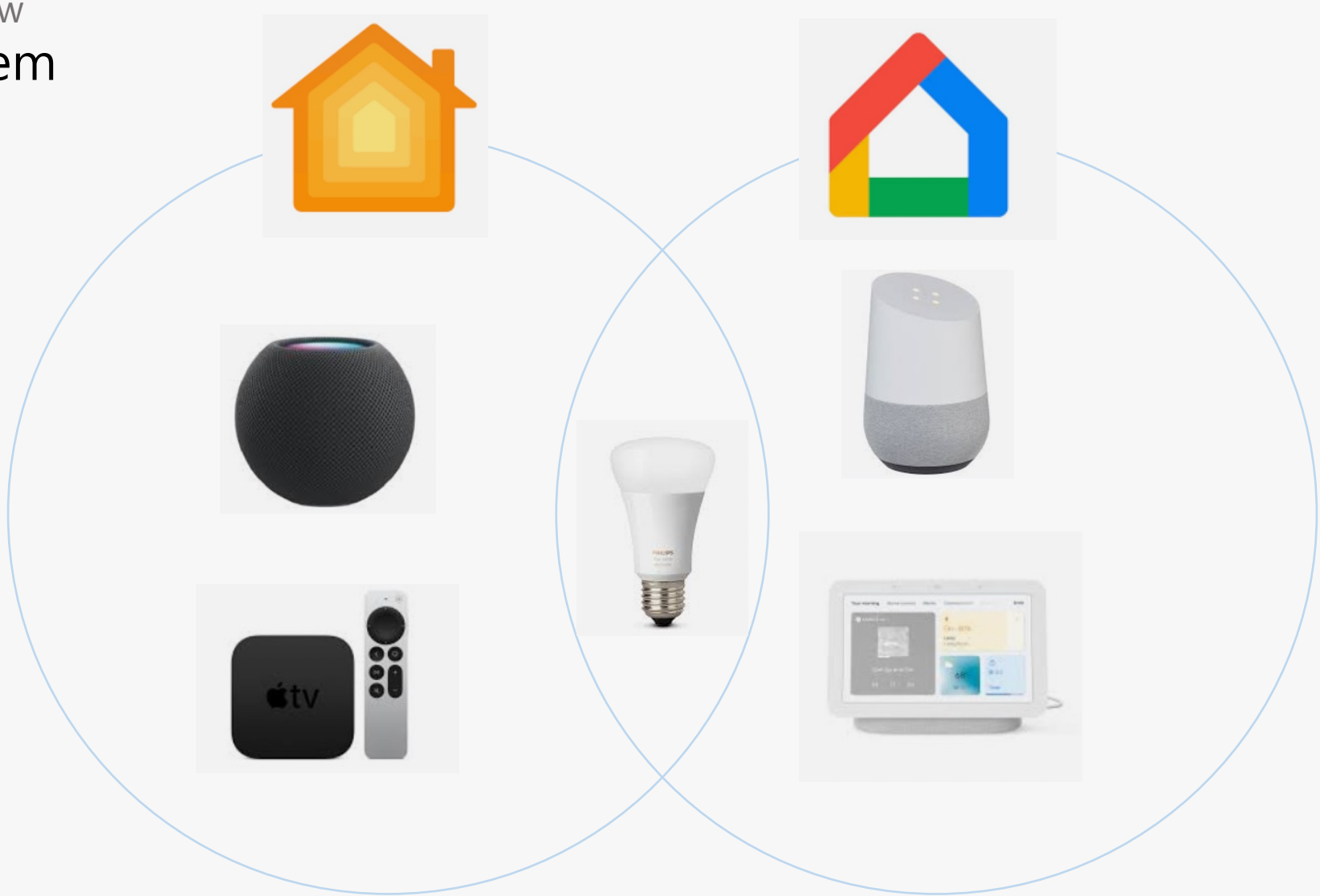
iOS



Family who have mixed use of Android phones and iPhones get limited choices.

01 Overview

Problem

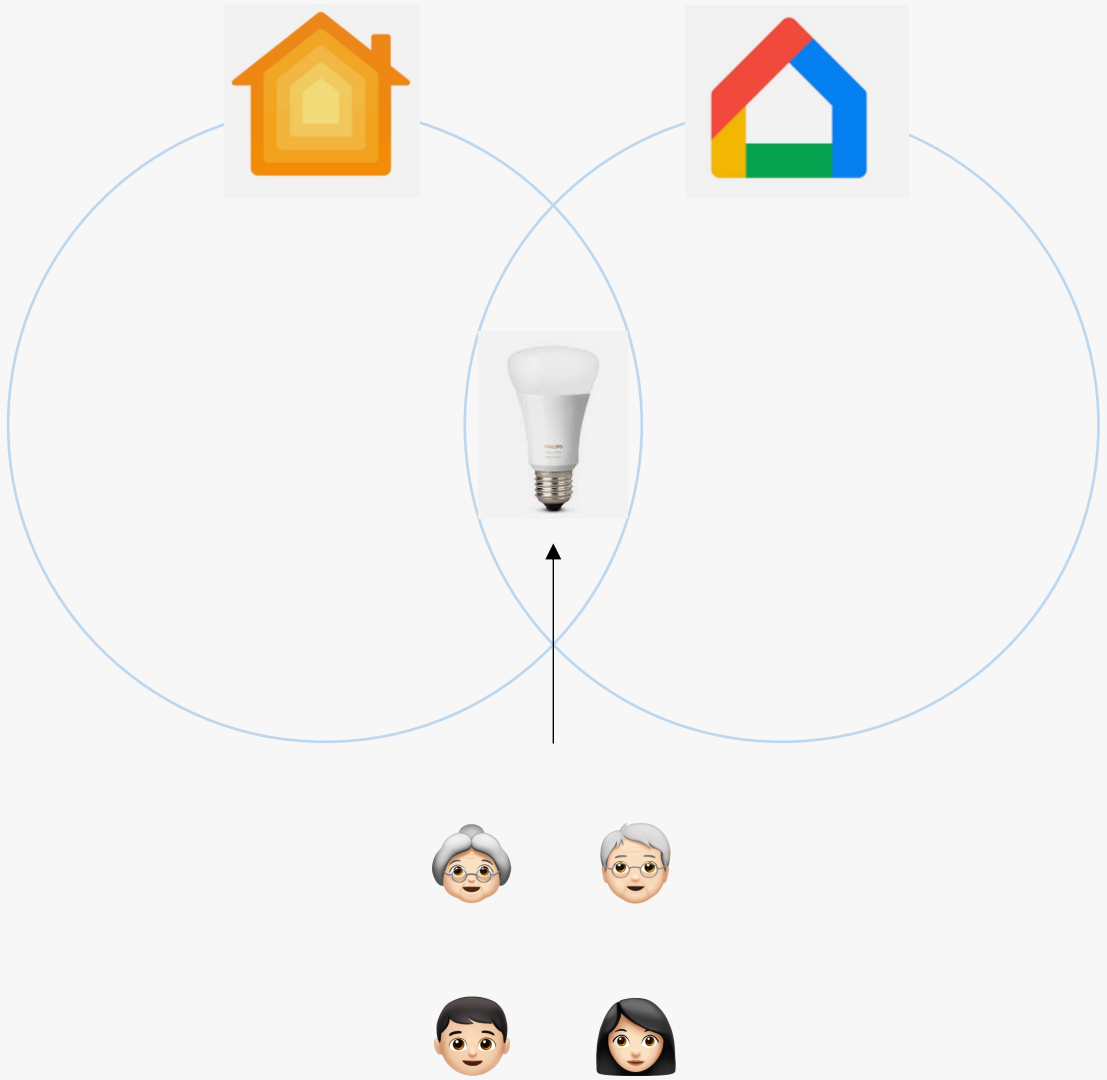


There are various devices that each apps support. But there are not much devices that is supported by both apps

01

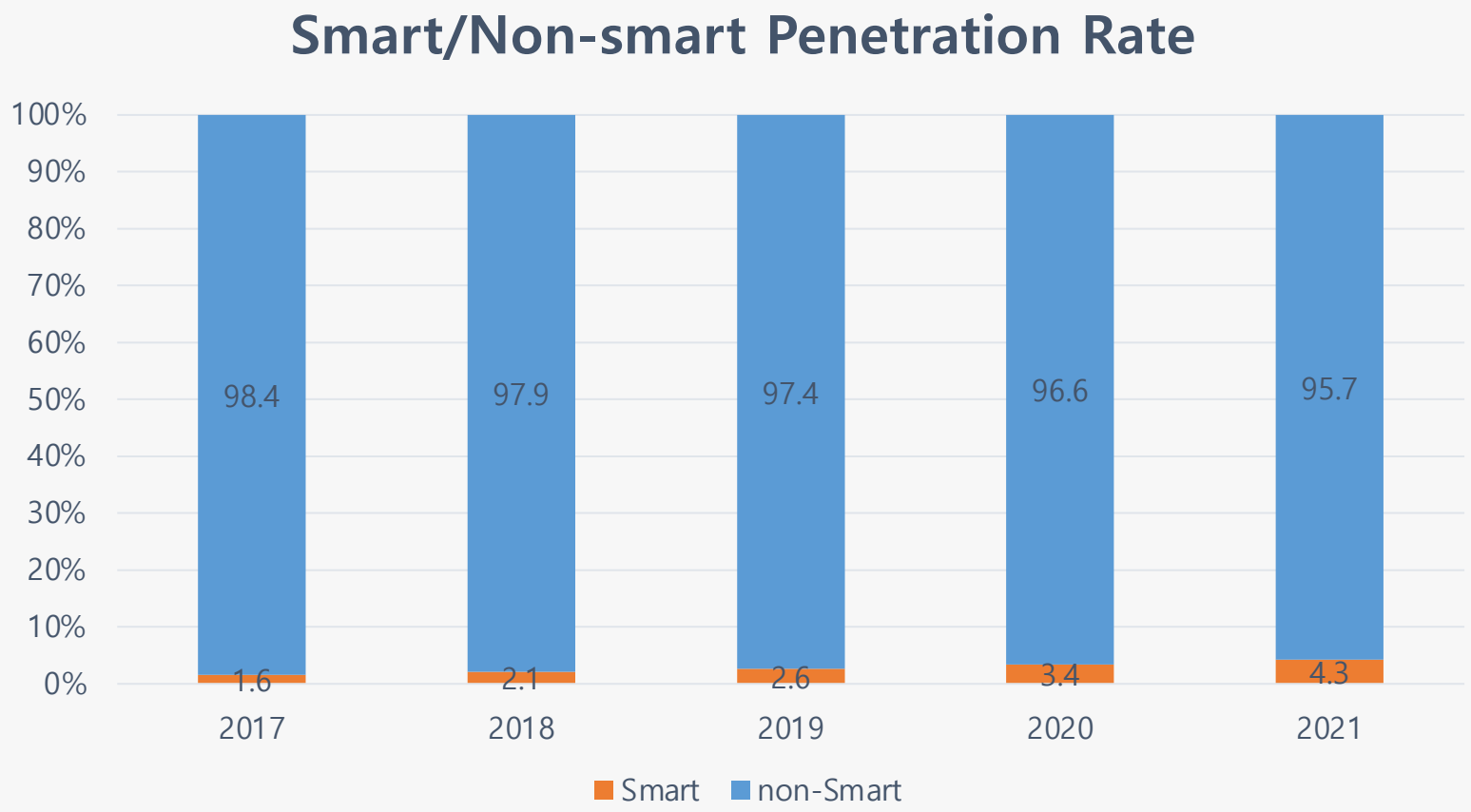
Overview

Problem



Family who have mixed use of Android phones and iPhones get limited choices.

Problem



Smart home appliances market share is still very low. Most of the households use regular home appliances.

01

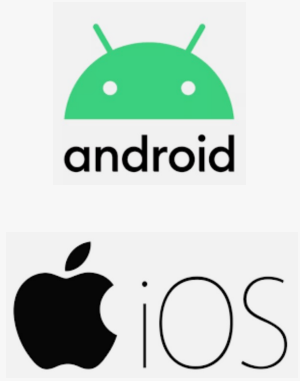
Overview

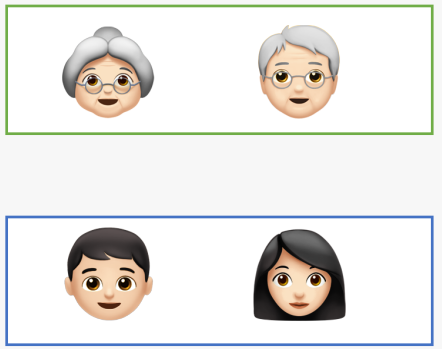
Goal

Using non-Smart home appliances

+

Using both Android/iPhone



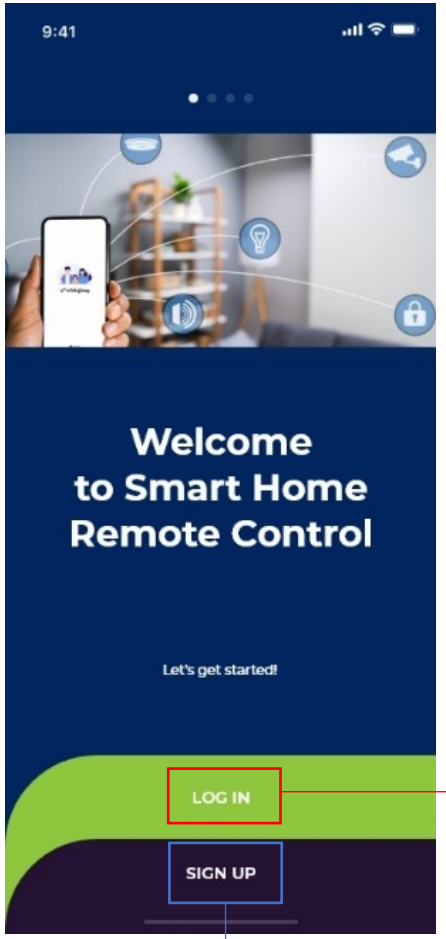


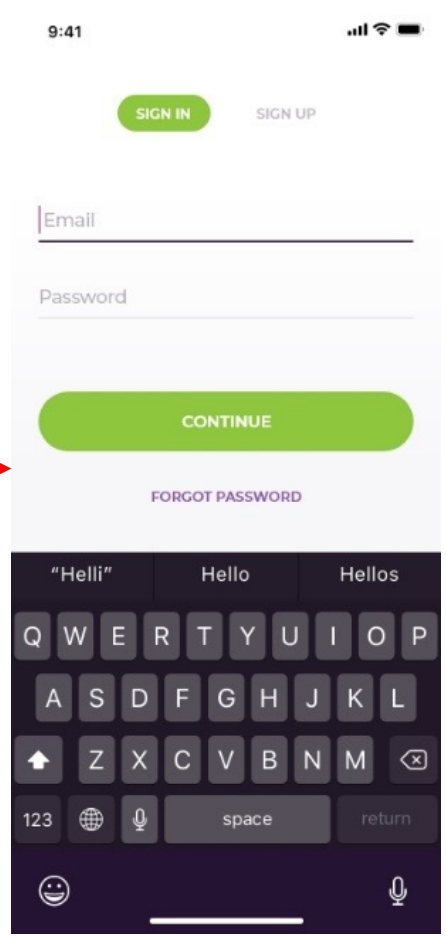
Our product target families who 1) use regular home appliances and
2) have both Android and iPhones

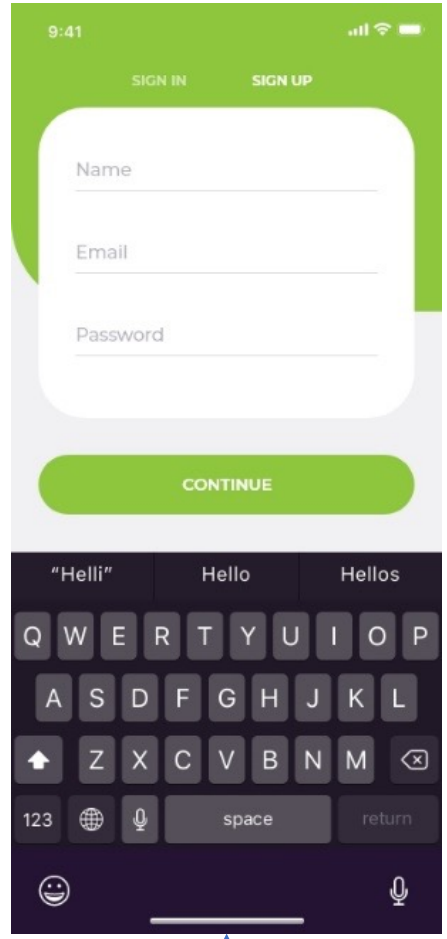
PART 2 UI

1. User
2. Appliance
3. Control

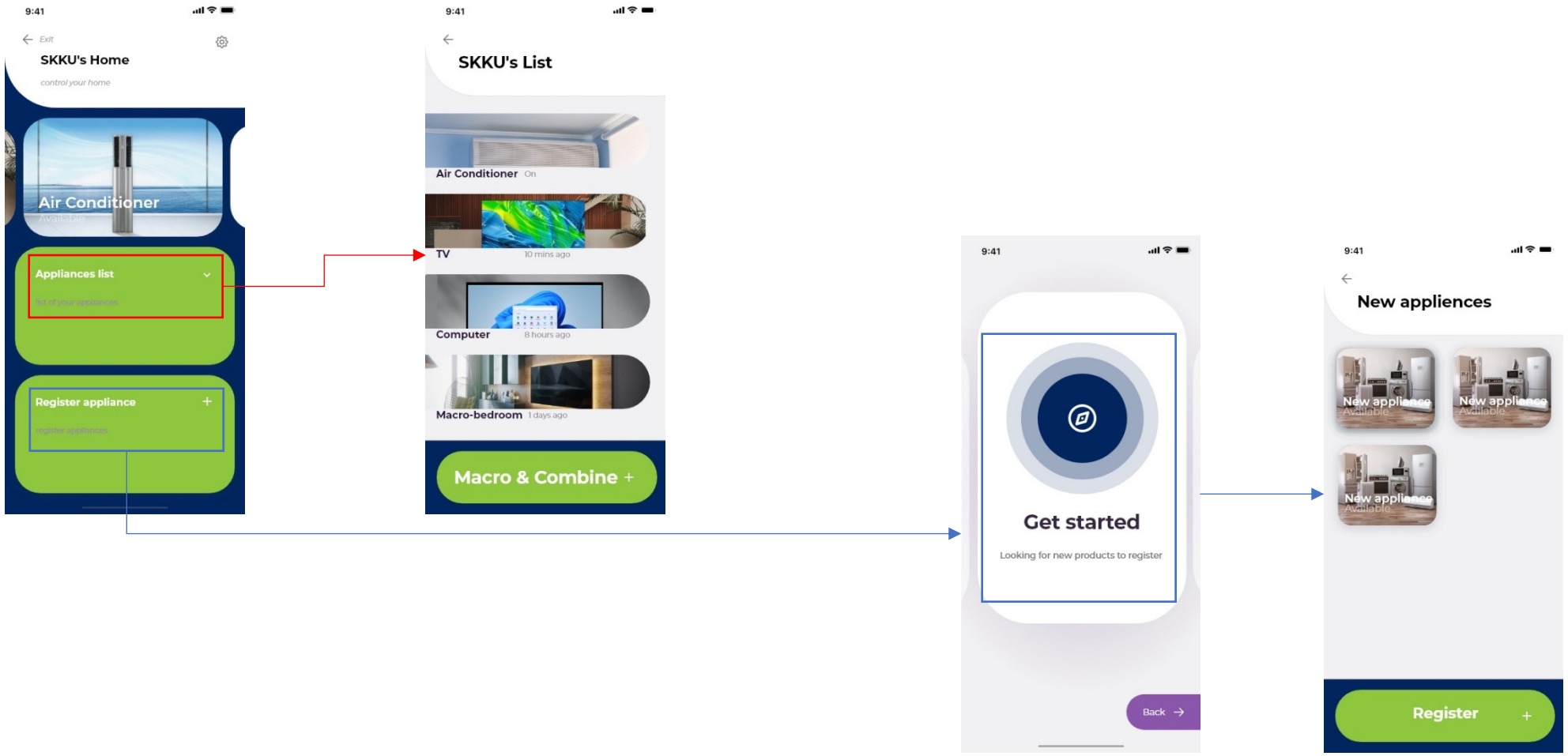
02 UI User


9:41
Welcome
to Smart Home
Remote Control
Let's get started!
LOG IN
SIGN UP

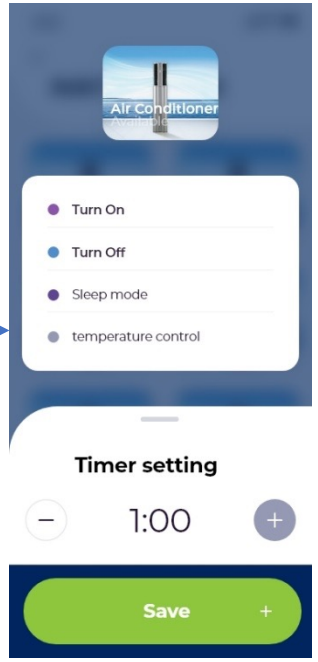

9:41
SIGN IN
SIGN UP
Email
Password
CONTINUE
FORGOT PASSWORD
"Helli"
Hello
Hellos
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123
space
return

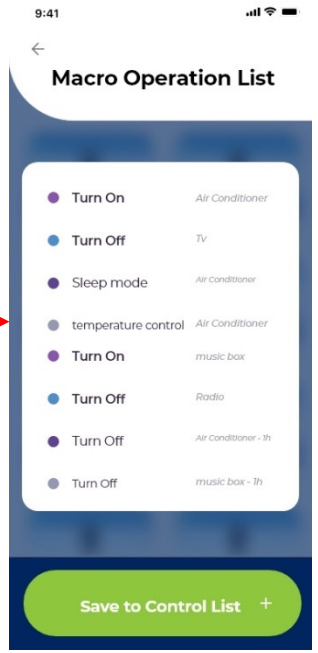

9:41
SIGN IN
SIGN UP
Name
Email
Password
CONTINUE
"Helli"
Hello
Hellos
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123
space
return

02 UI
Appliance



02 UI Control





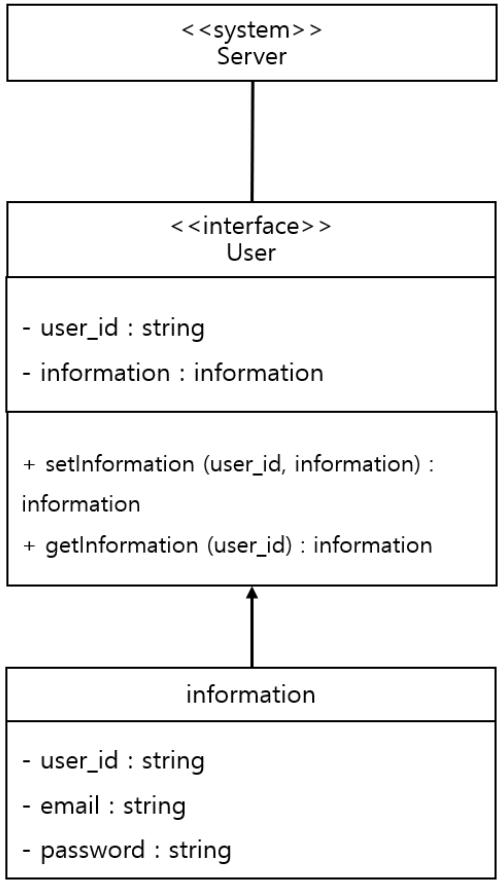
PART 3 Front-end

1. User
2. Appliance
3. Control

02

Front-end

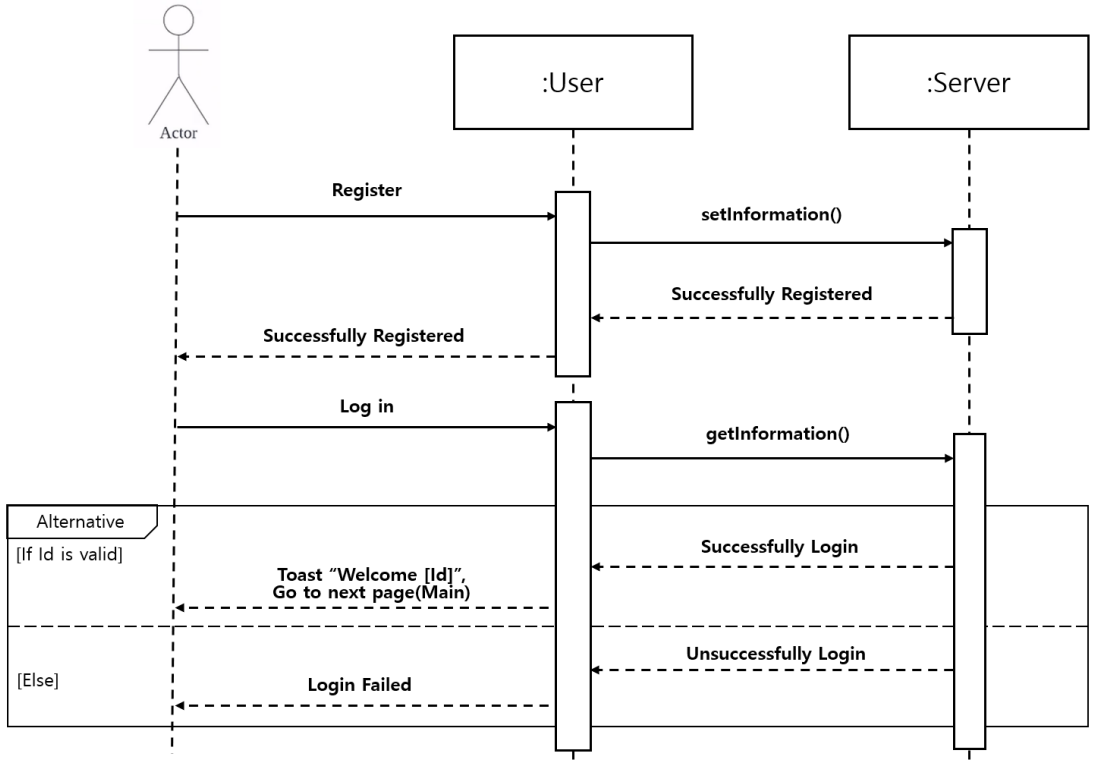
User – Class Diagram



02

Front-end

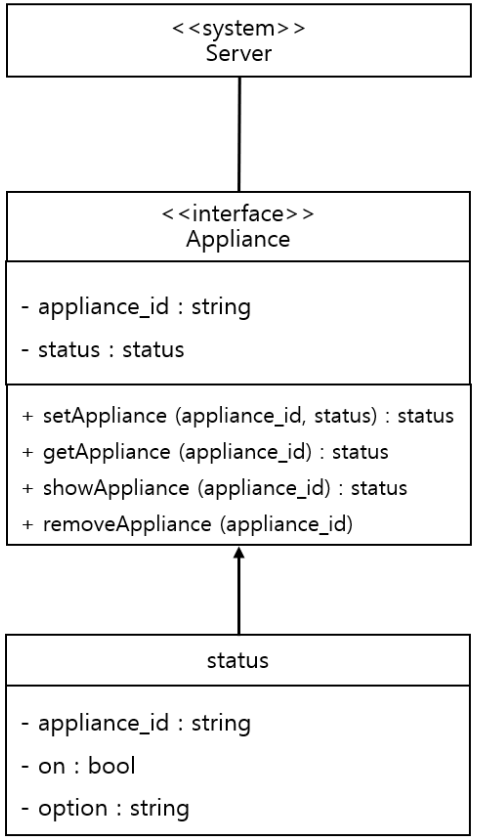
User – Sequence Diagram



02

Front-end

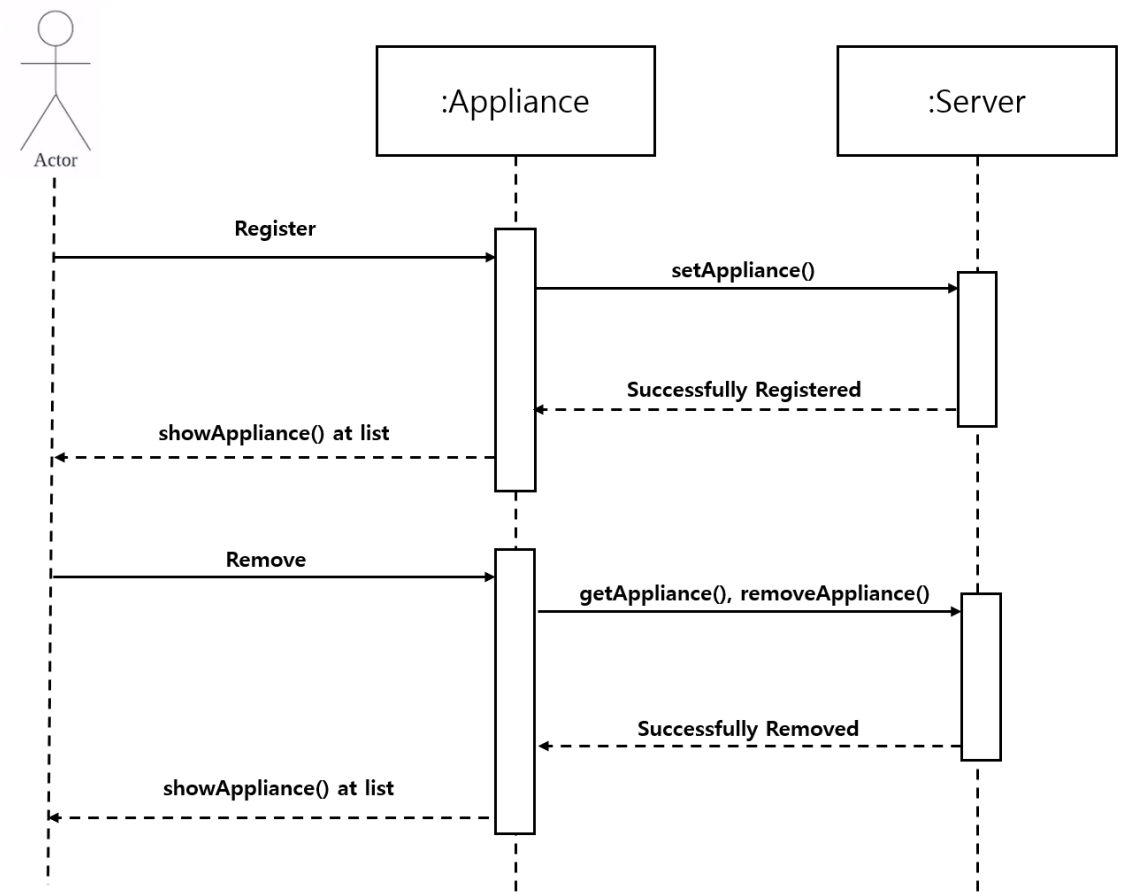
Appliance – Class Diagram



02

Front-end

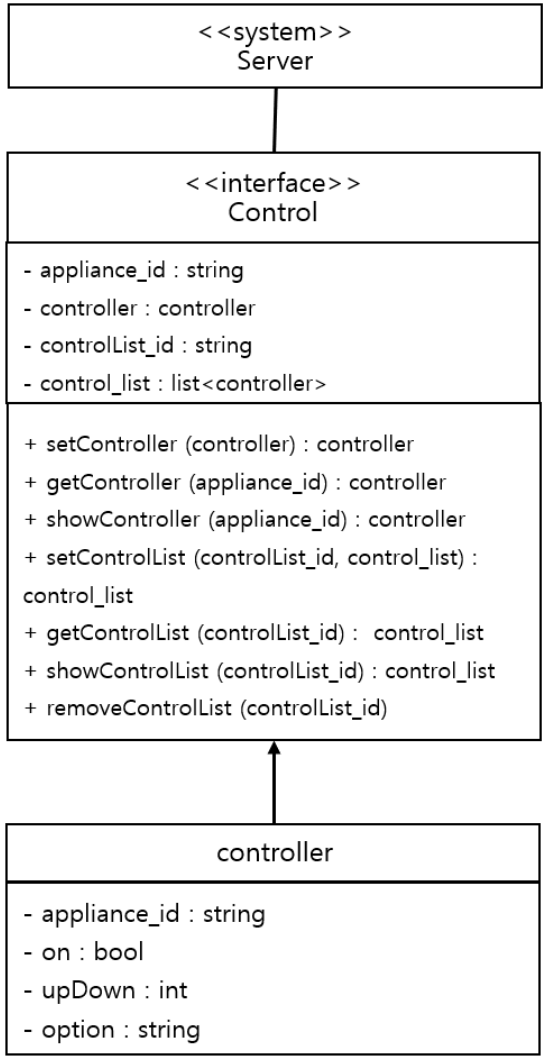
Appliance – Sequence Diagram



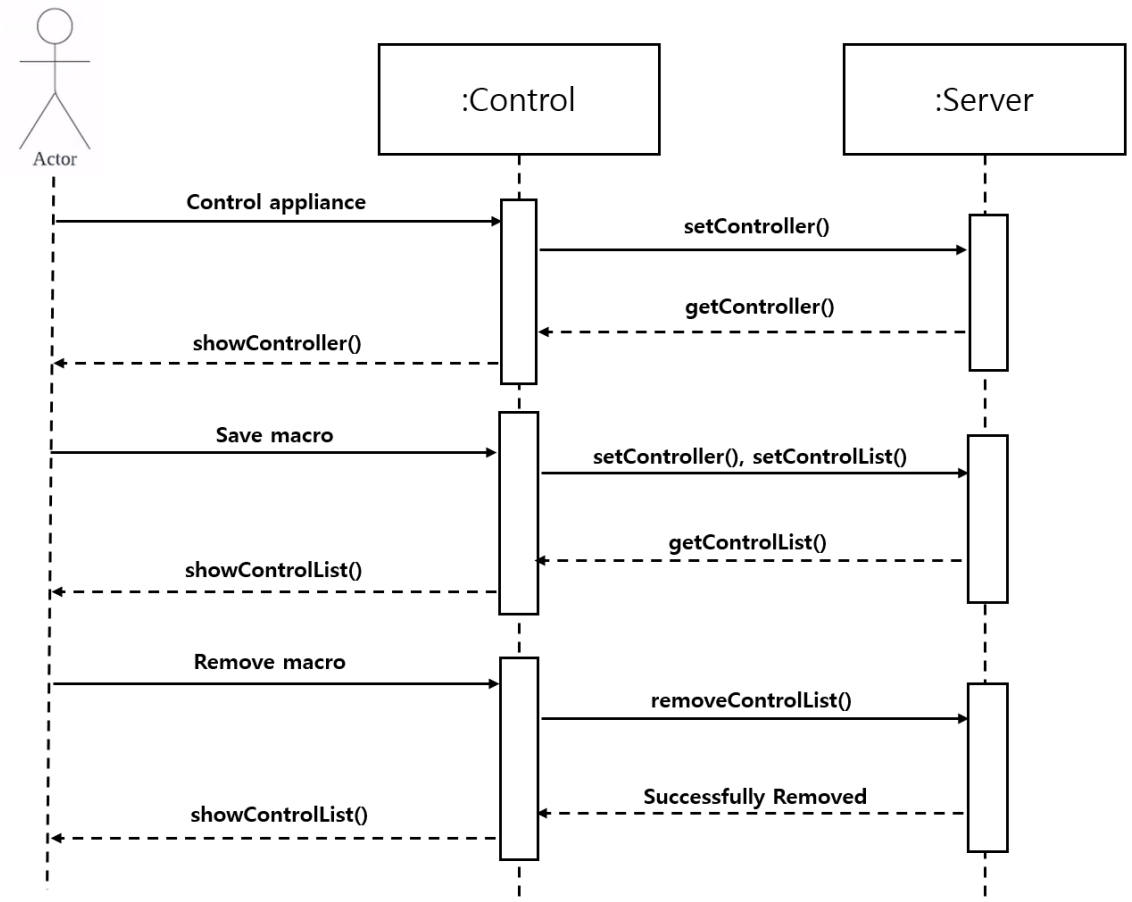
02

Front-end

Control – Class Diagram



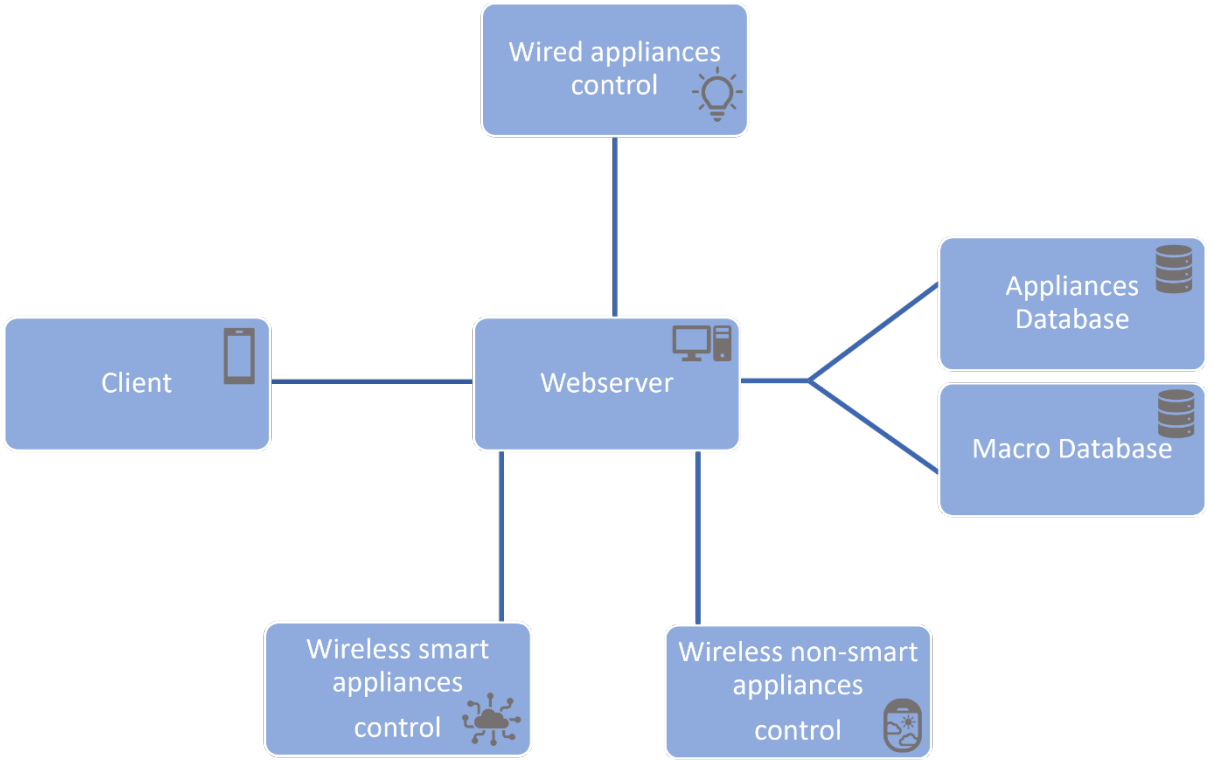
Control – Sequence Diagram



PART 4 Back-end

1. Wired appliances control
2. Wireless smart appliances control
3. Wireless non-smart appliances control

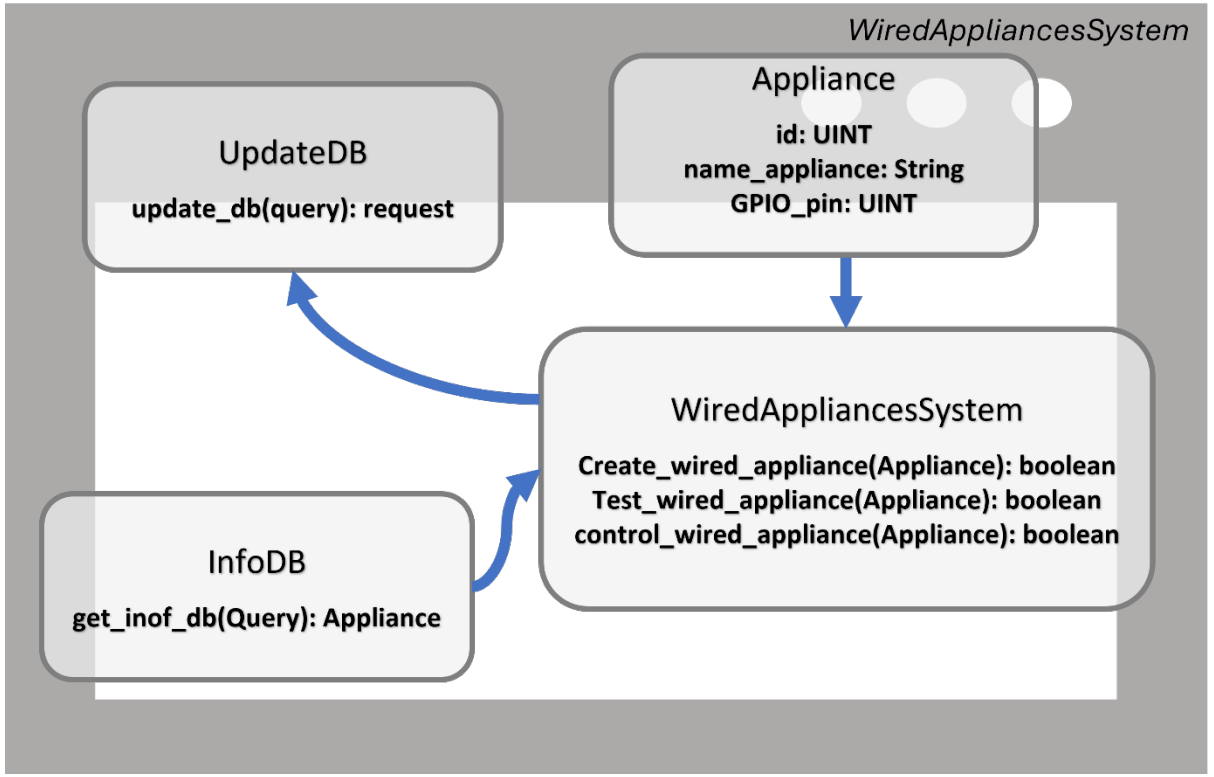
03 Back-end
Overview



03

Back-end

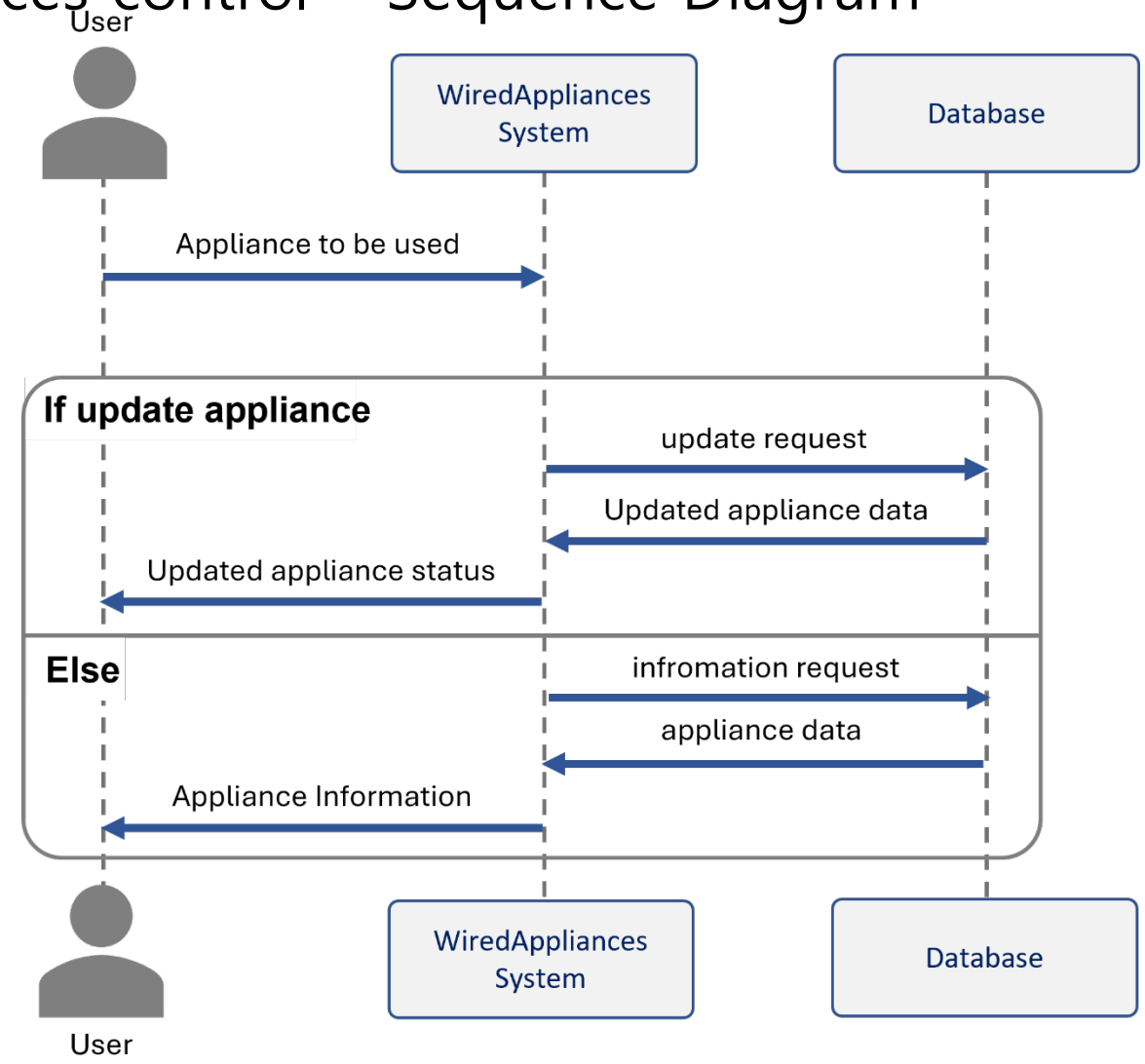
Wired appliances control – Class Diagram



03

Back-end

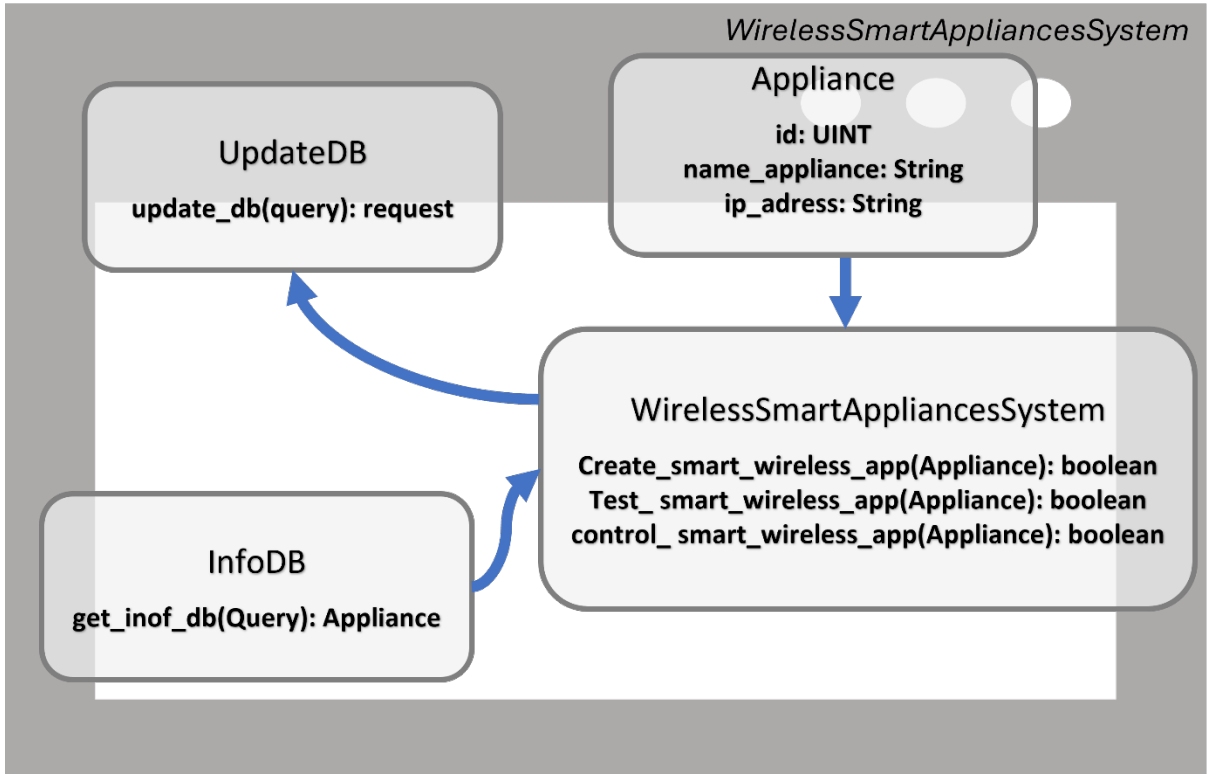
Wired appliances control – Sequence Diagram



03

Back-end

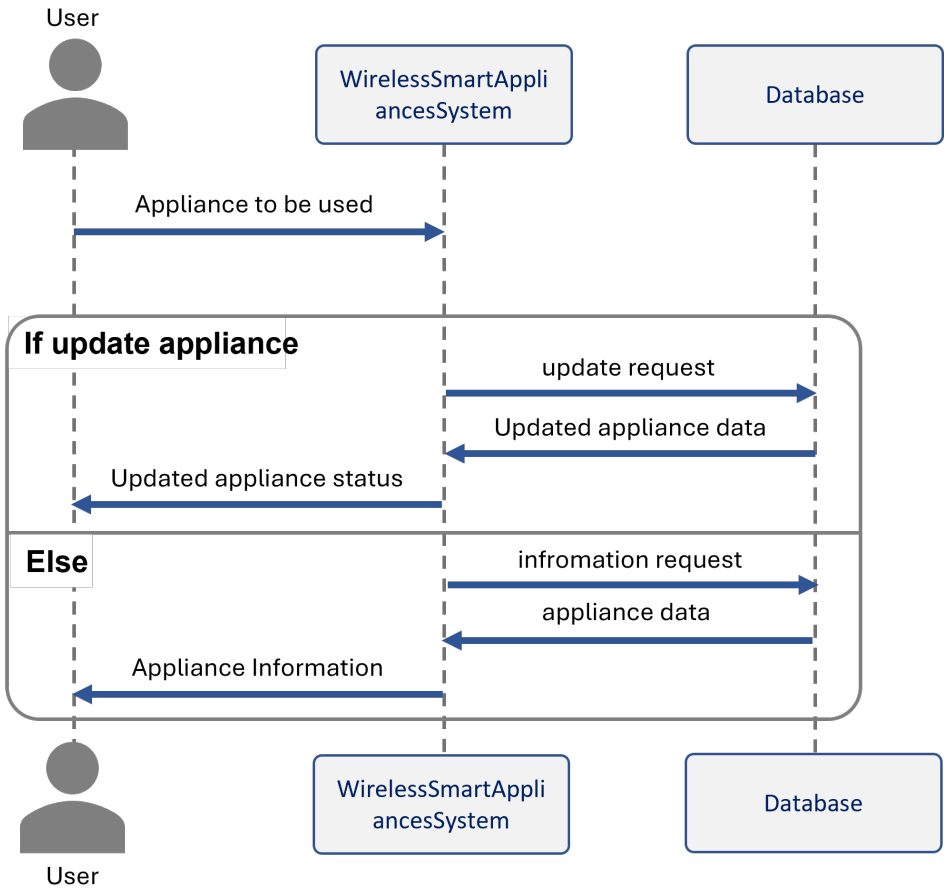
Wireless smart appliances control – Class Diagram



03

Back-end

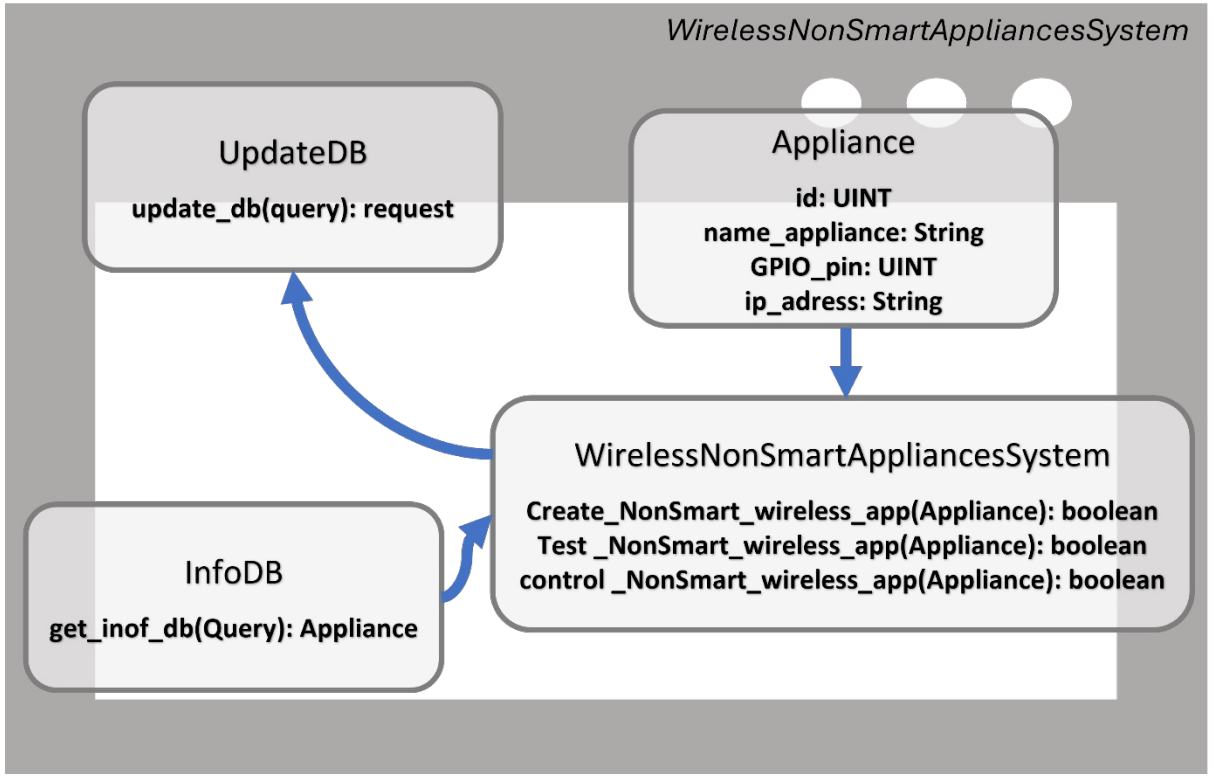
Wireless smart appliances control – Sequence Diagram



03

Back-end

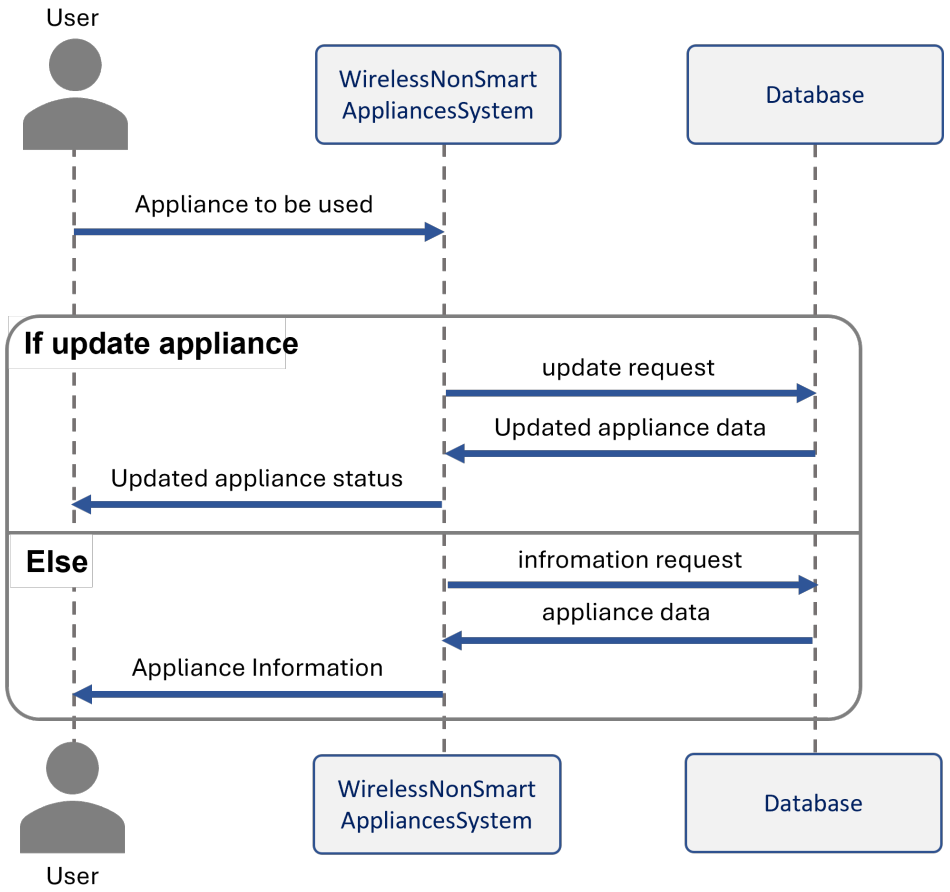
Wireless non-smart appliances control – Class Diagram



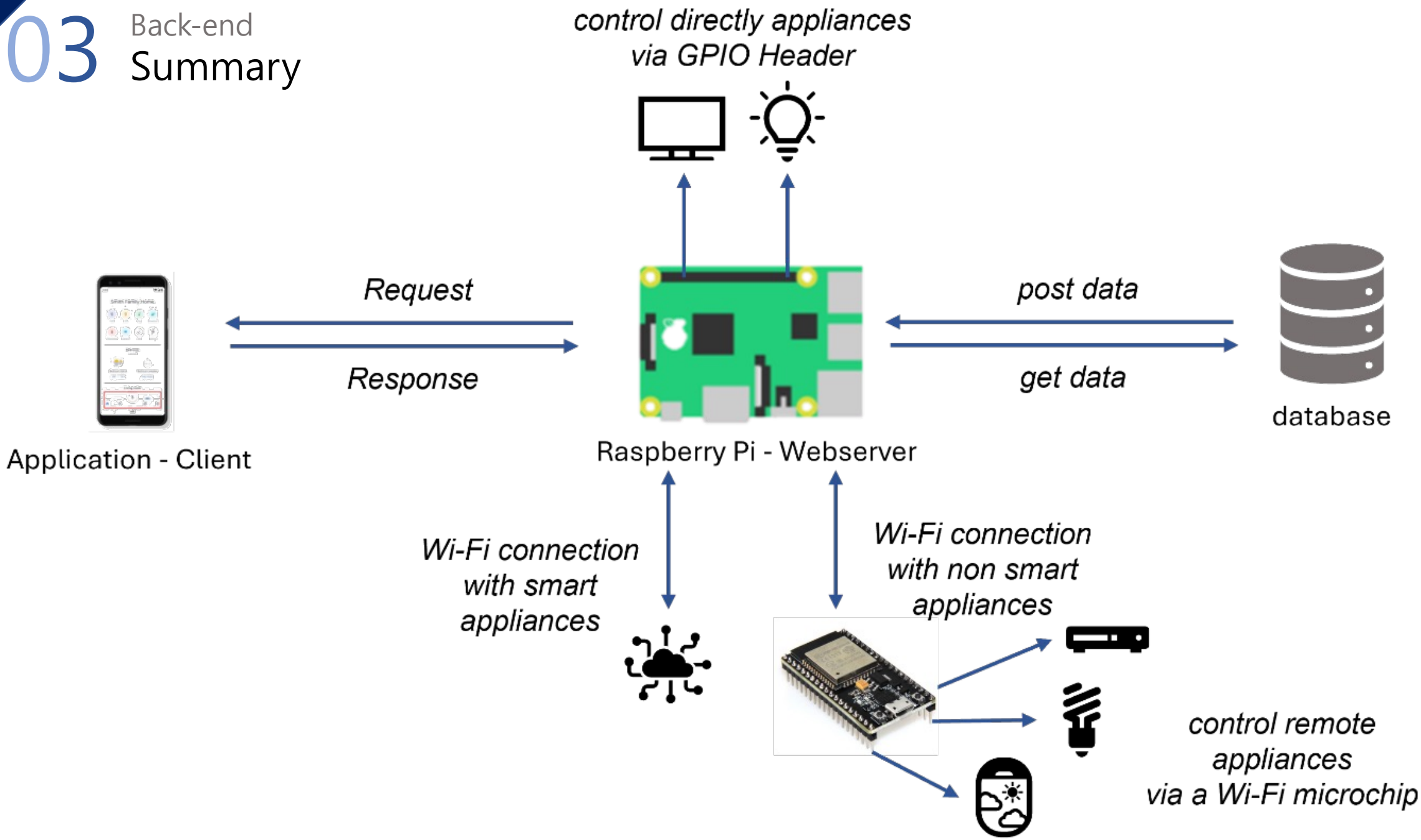
03

Back-end

Wireless non-smart appliances control – Sequence Diagram



03 Back-end Summary

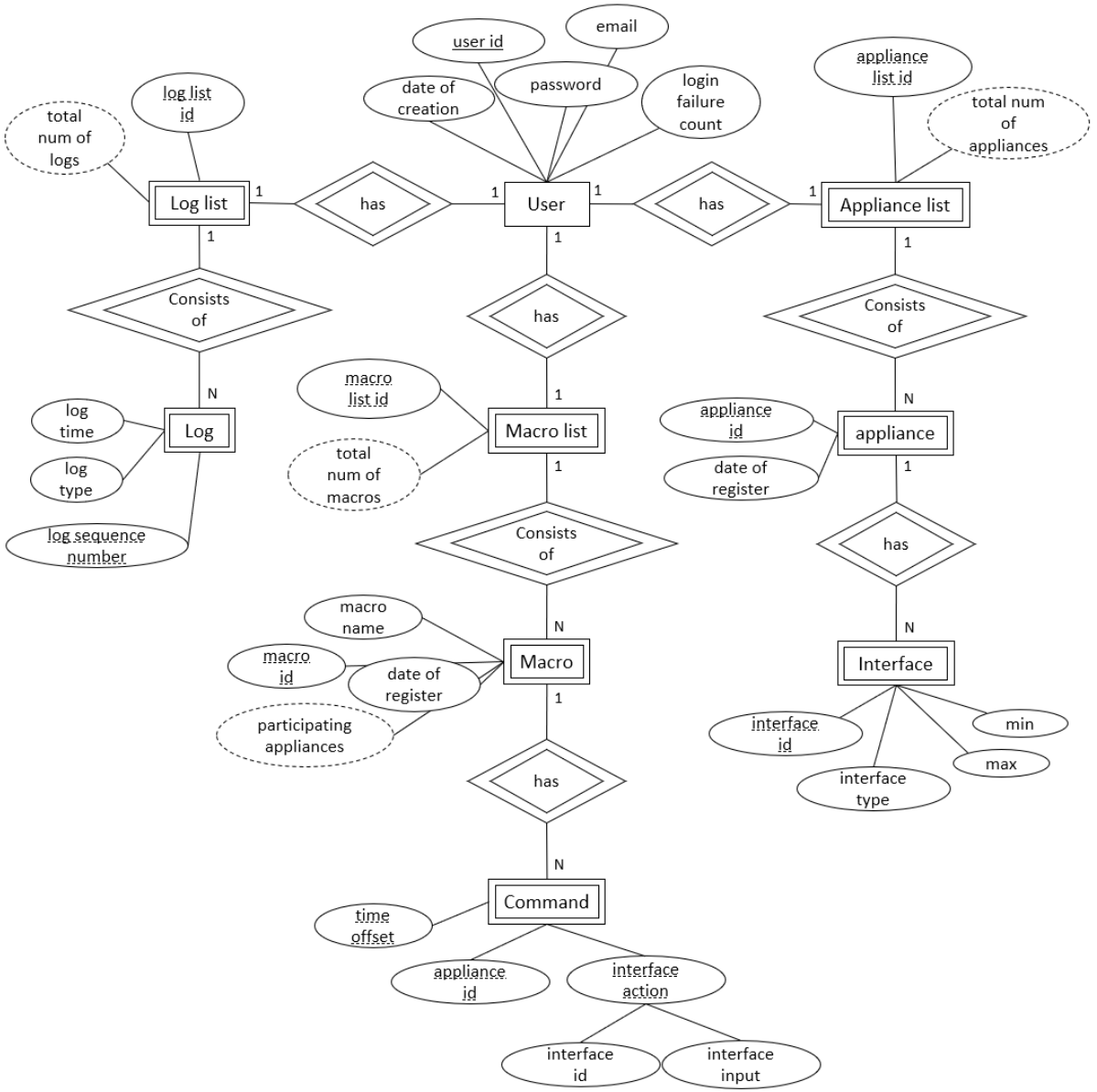


PART 5 Database

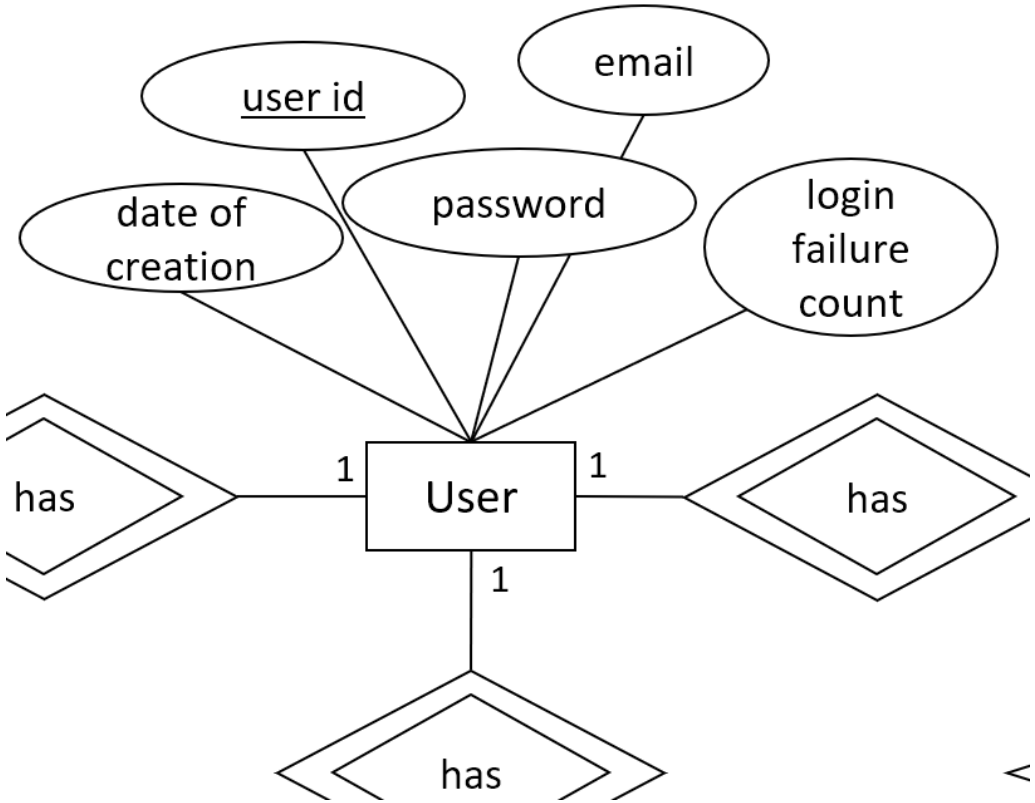
1. User
2. Appliance
3. Macro

04

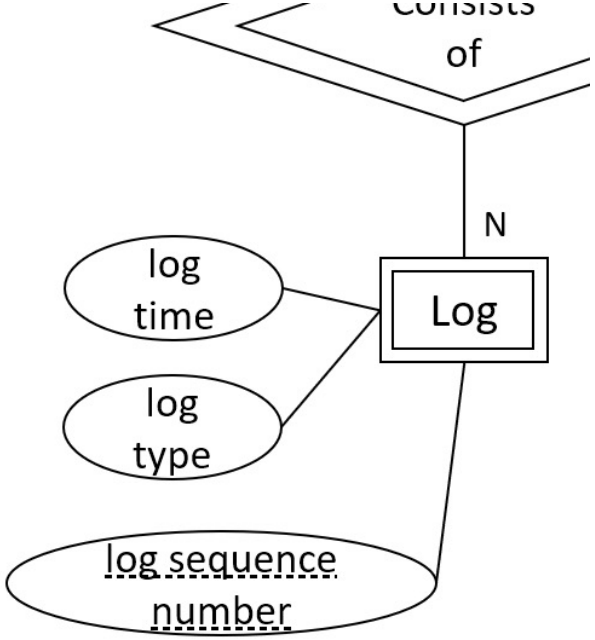
Database
Overview

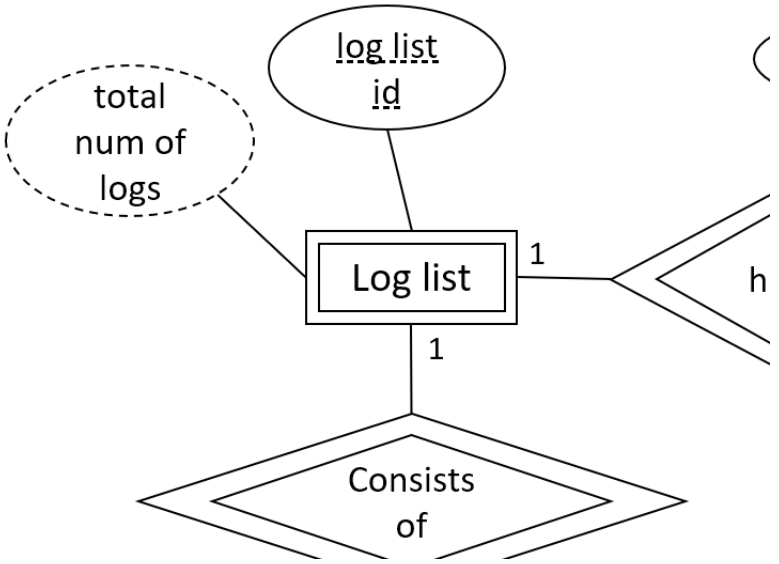


User


email
user id
password
date of creation
login failure count
has
1
User
1
has
1
has

Log & Loglist

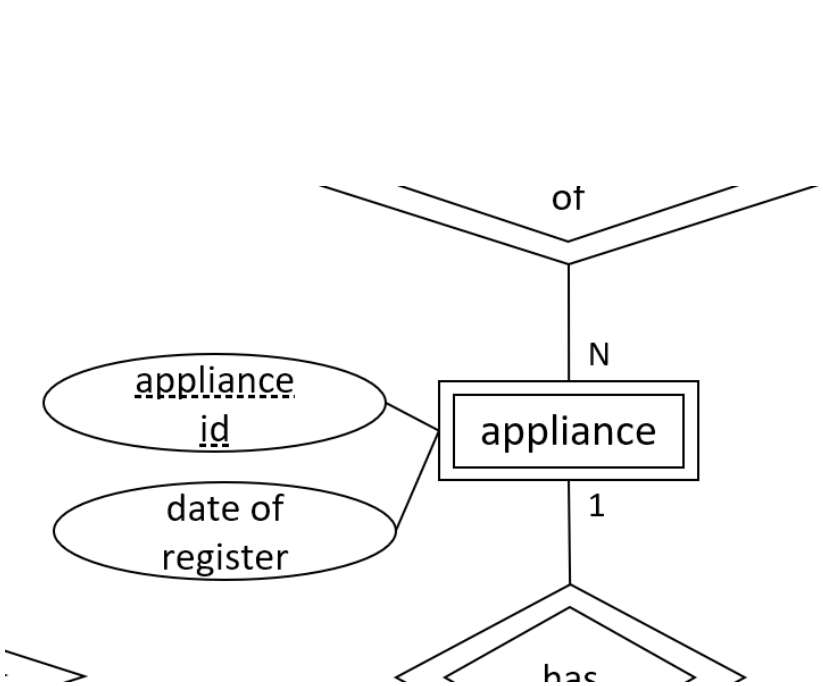

of
N
log
time
log
type
Log
log sequence
number

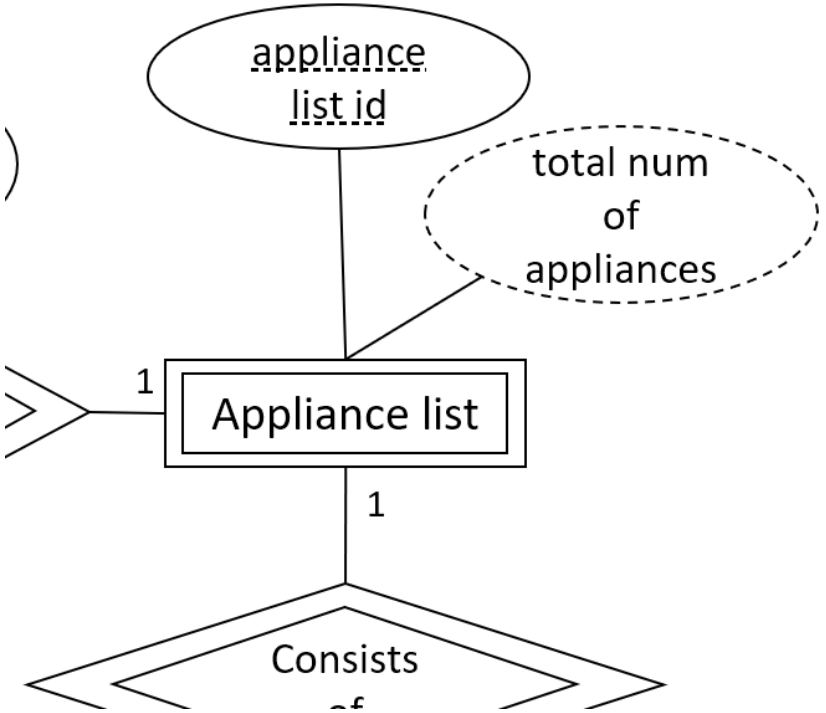

log list
id
total
num of
logs
Log list
1
1
Consists
of

04

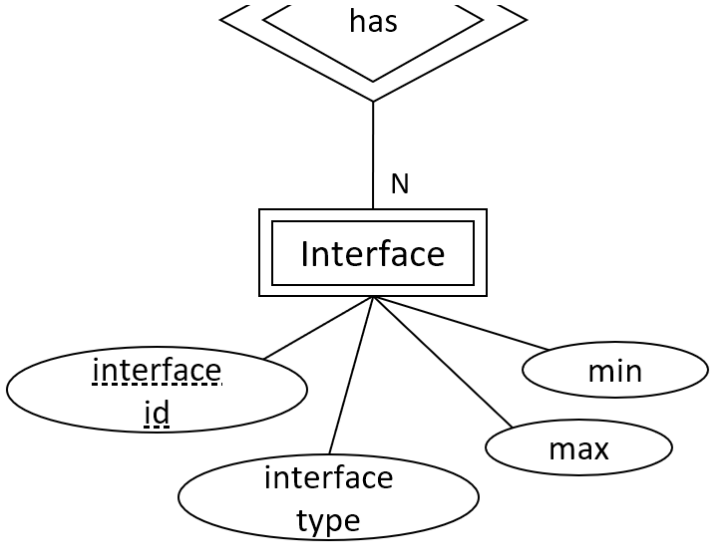
Database

Appliance & Appliance list





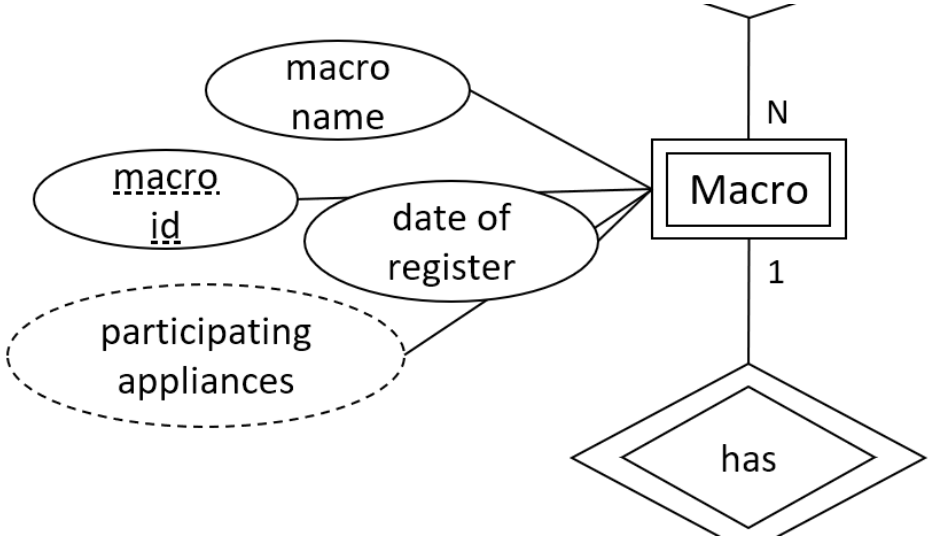
Interface

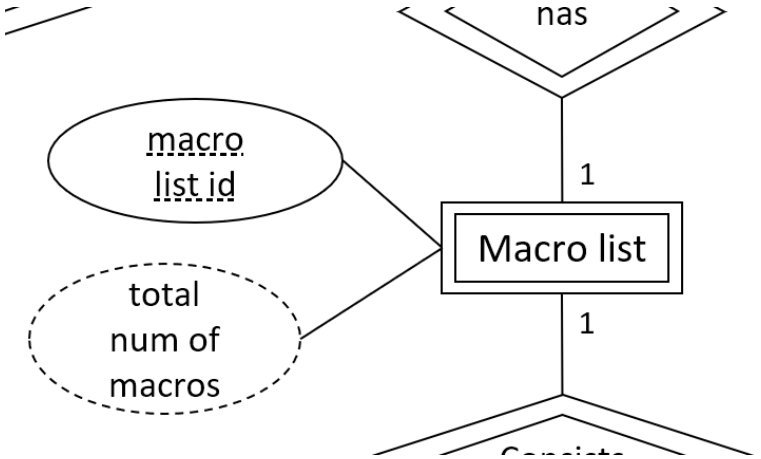


04

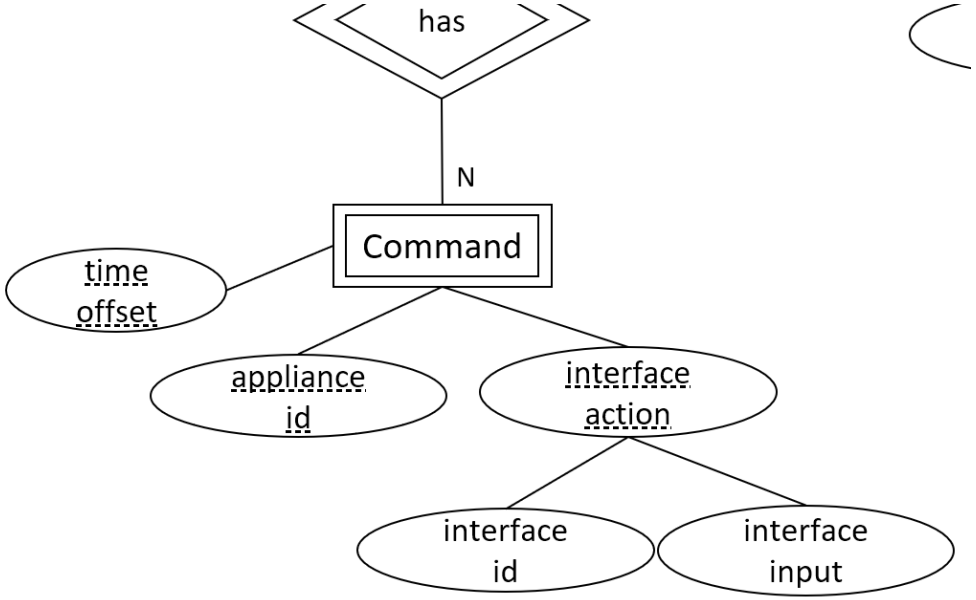
Database

Macro & Macro List

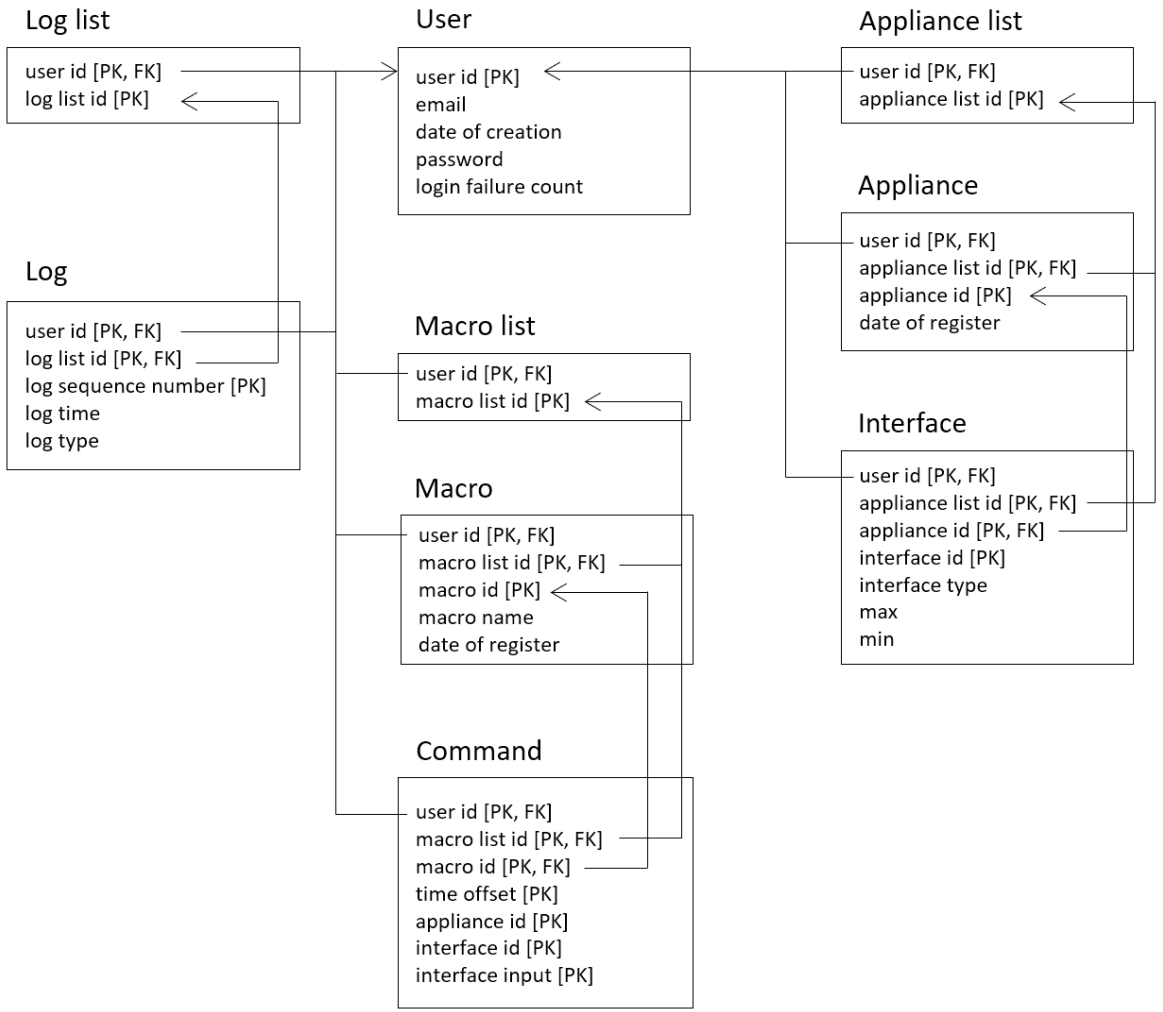




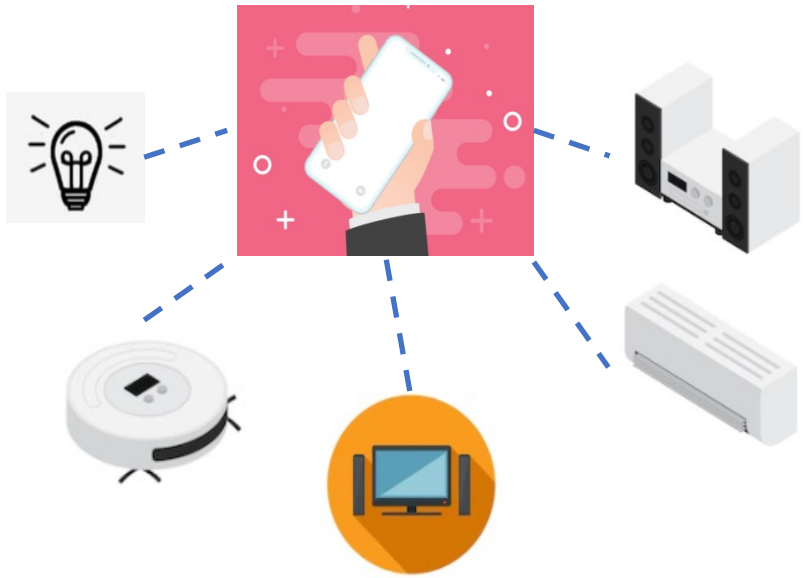
04 Database
Command



04 Database Summary



Thank you



Team 12