

S-BA Safe-Bicycle Assistant

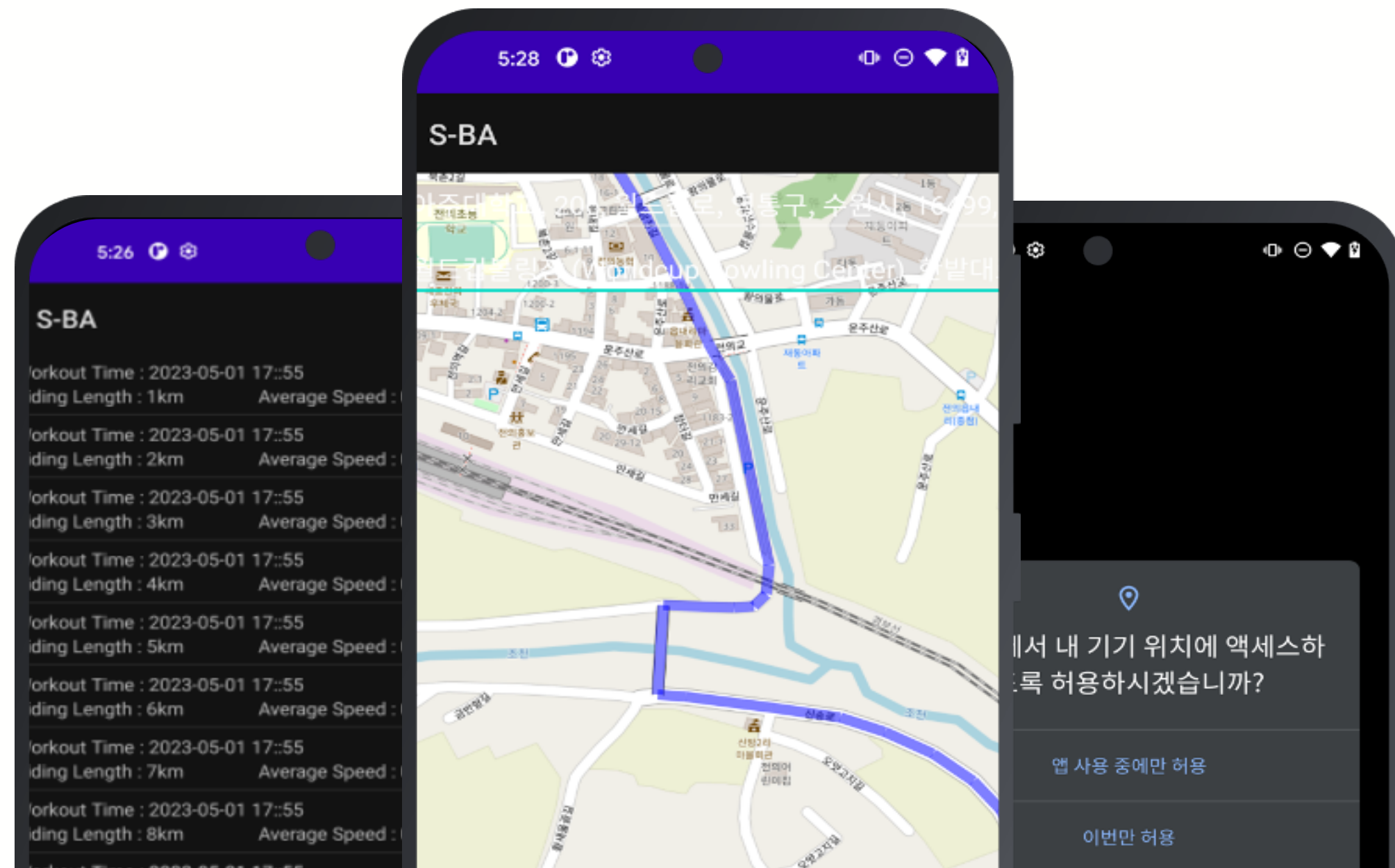


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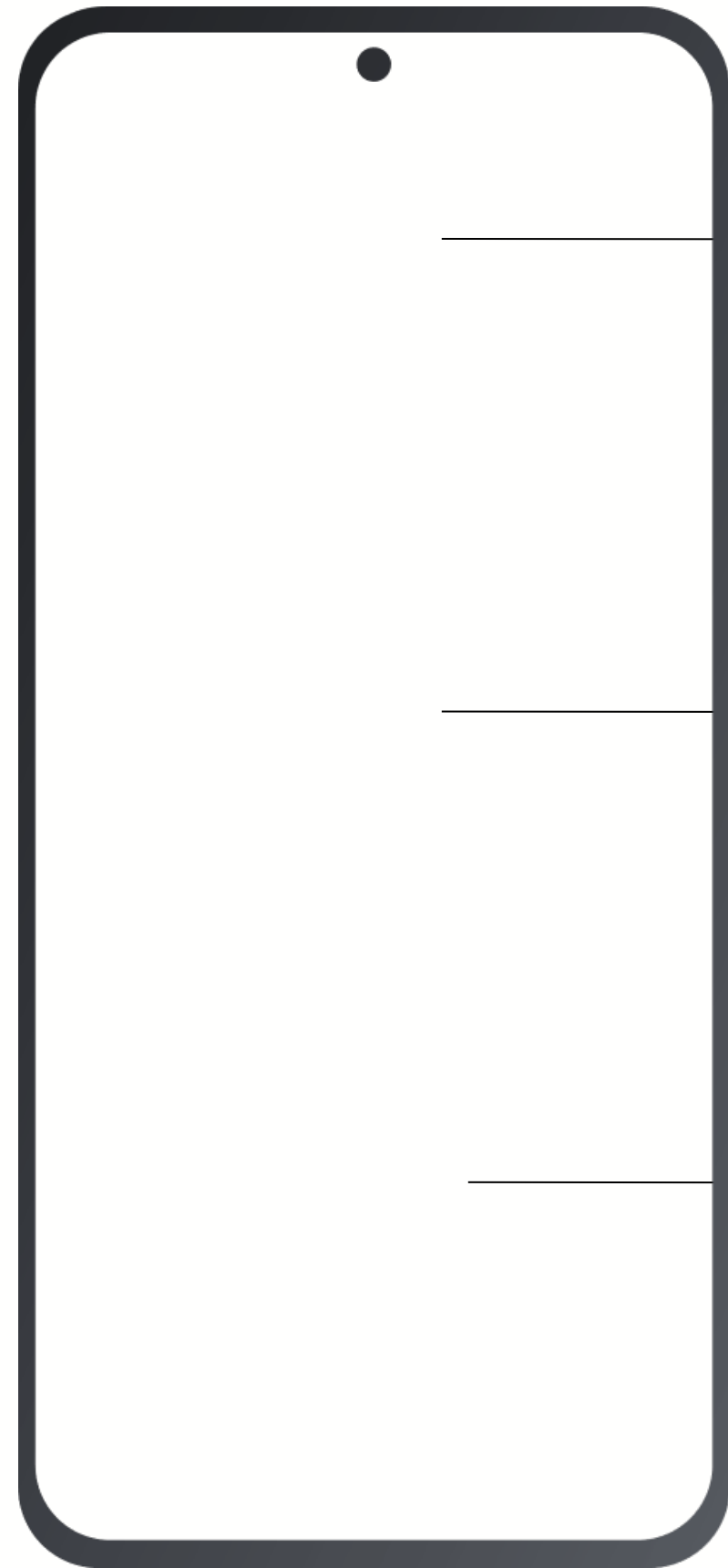
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Project Goal



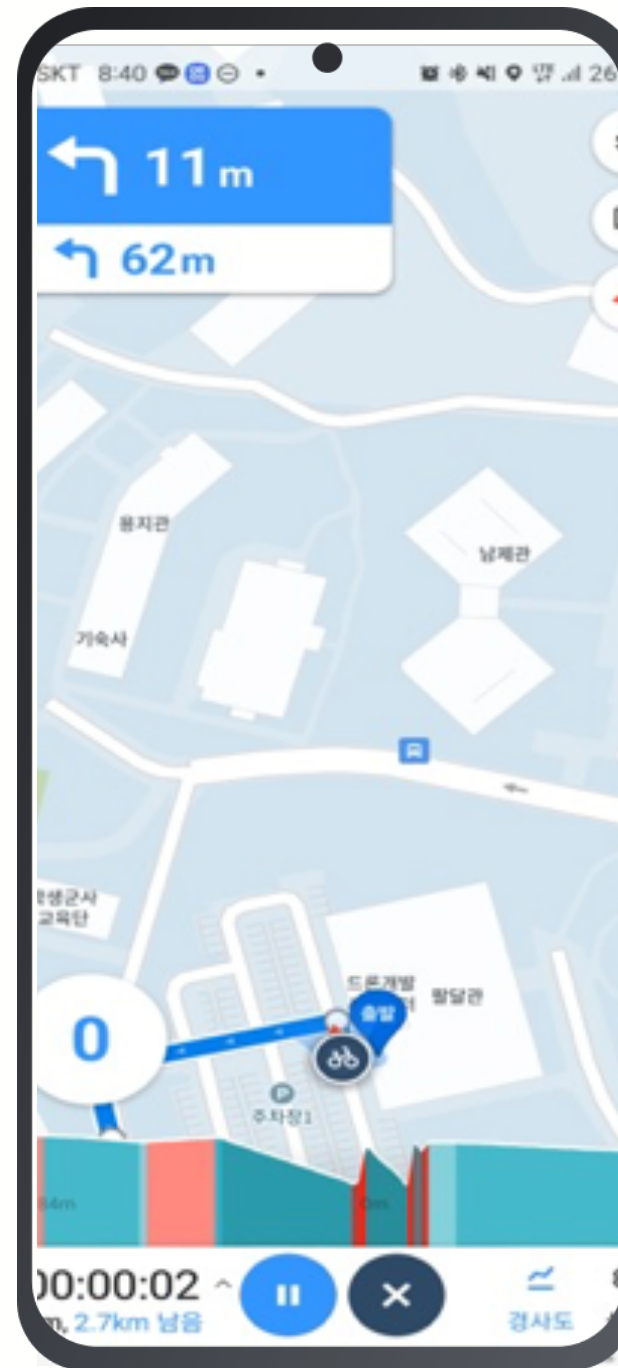
● Navigation & Riding Information

● Riding Record

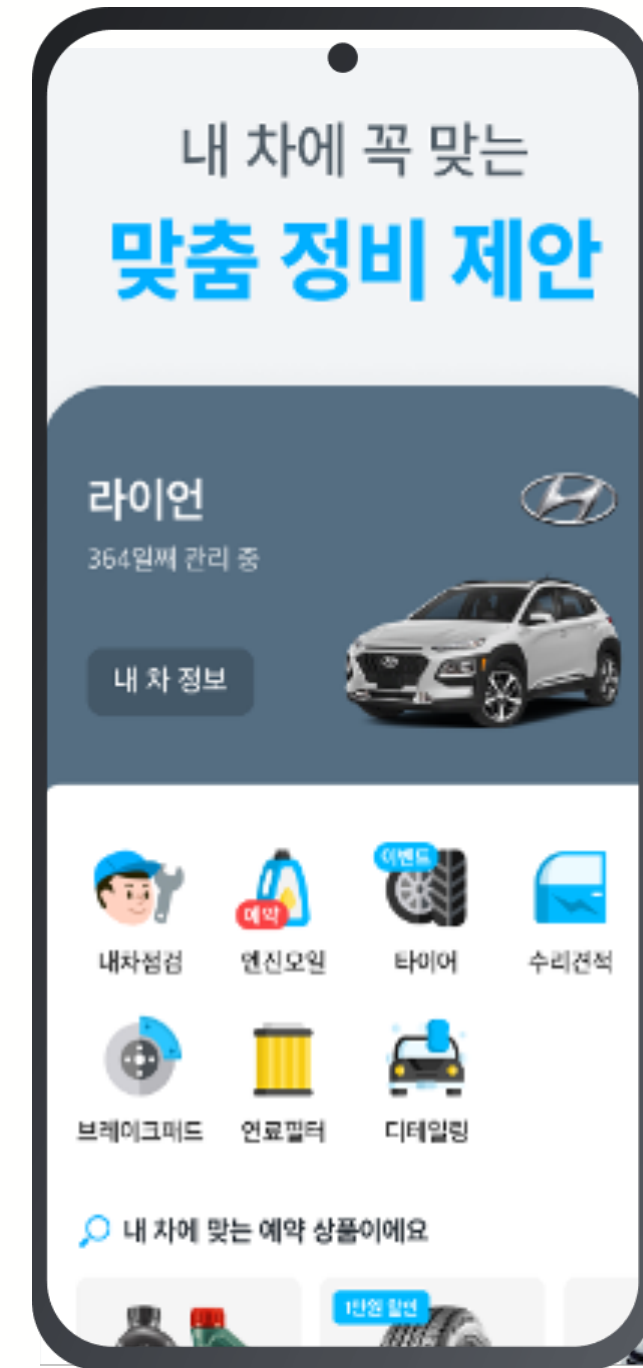
● Car Detection



Samsung Health



KAKAO Map



Mycle

Role Allocation

박성범

Creating a navigation screen

Creating information screen while driving

하영우

Production of driving record management

Using PI object detection

이지은

Projection of Main screen

Creating Settings screen

Modified Details

Raspberry Pi's Pin Issue

<https://github.com/safe-bicycle-assistant/s-ba>

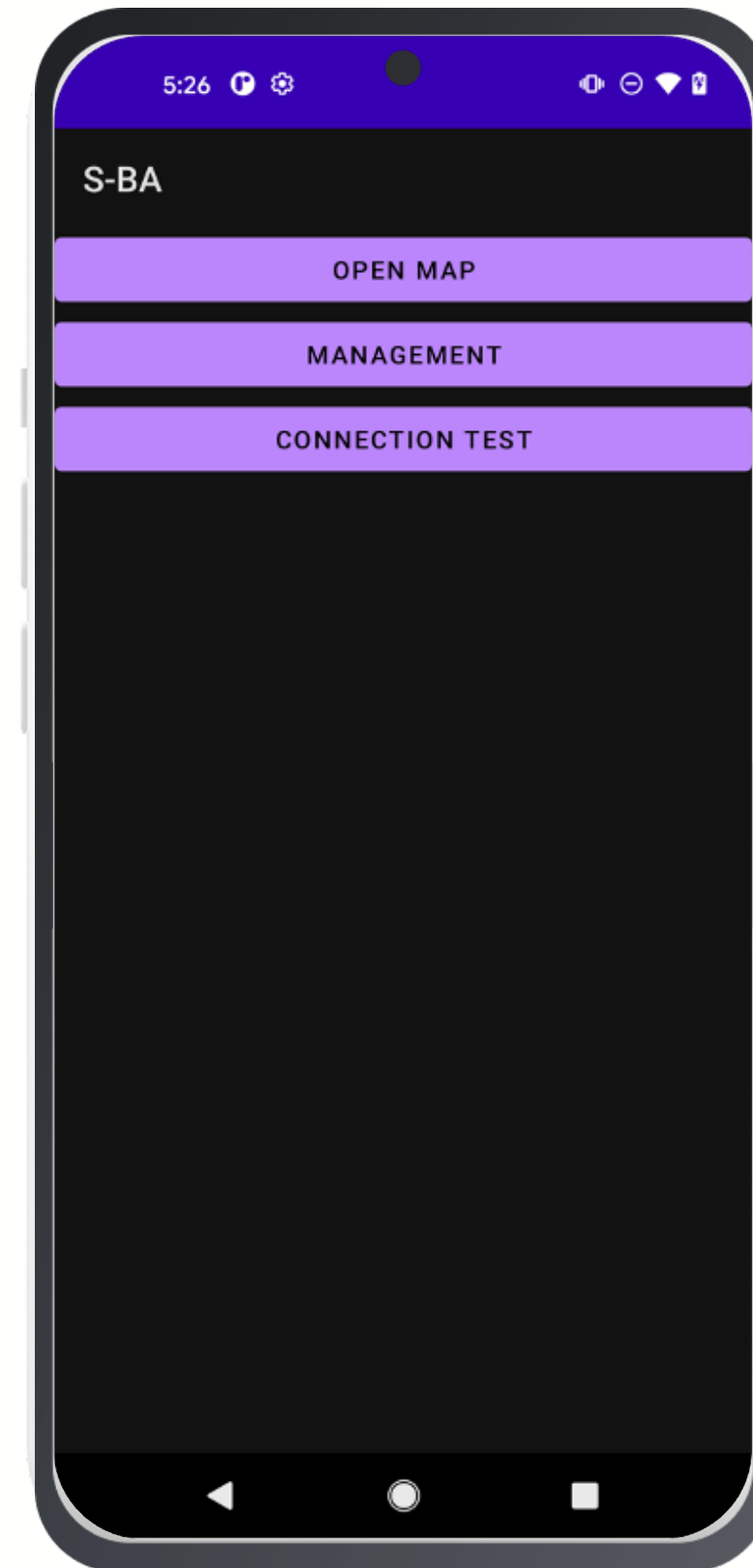
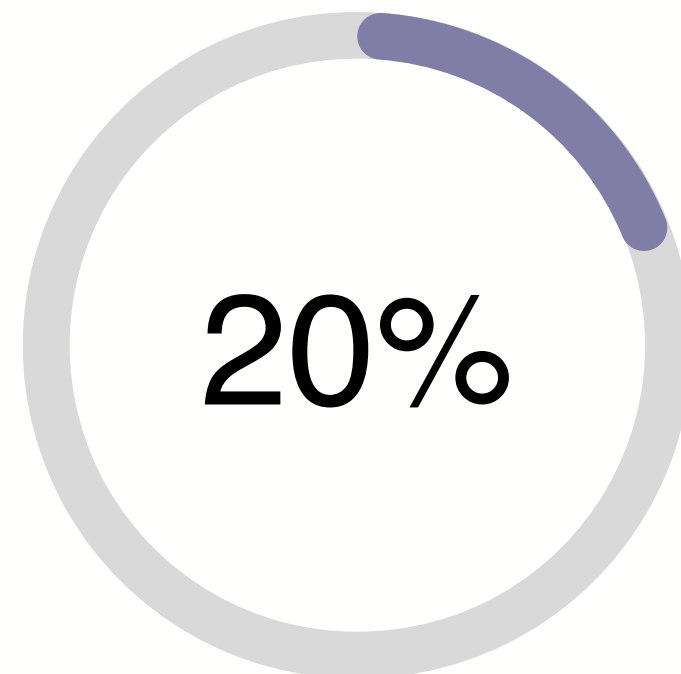


Modified Details

FIRST

Current Progress

Main Screen



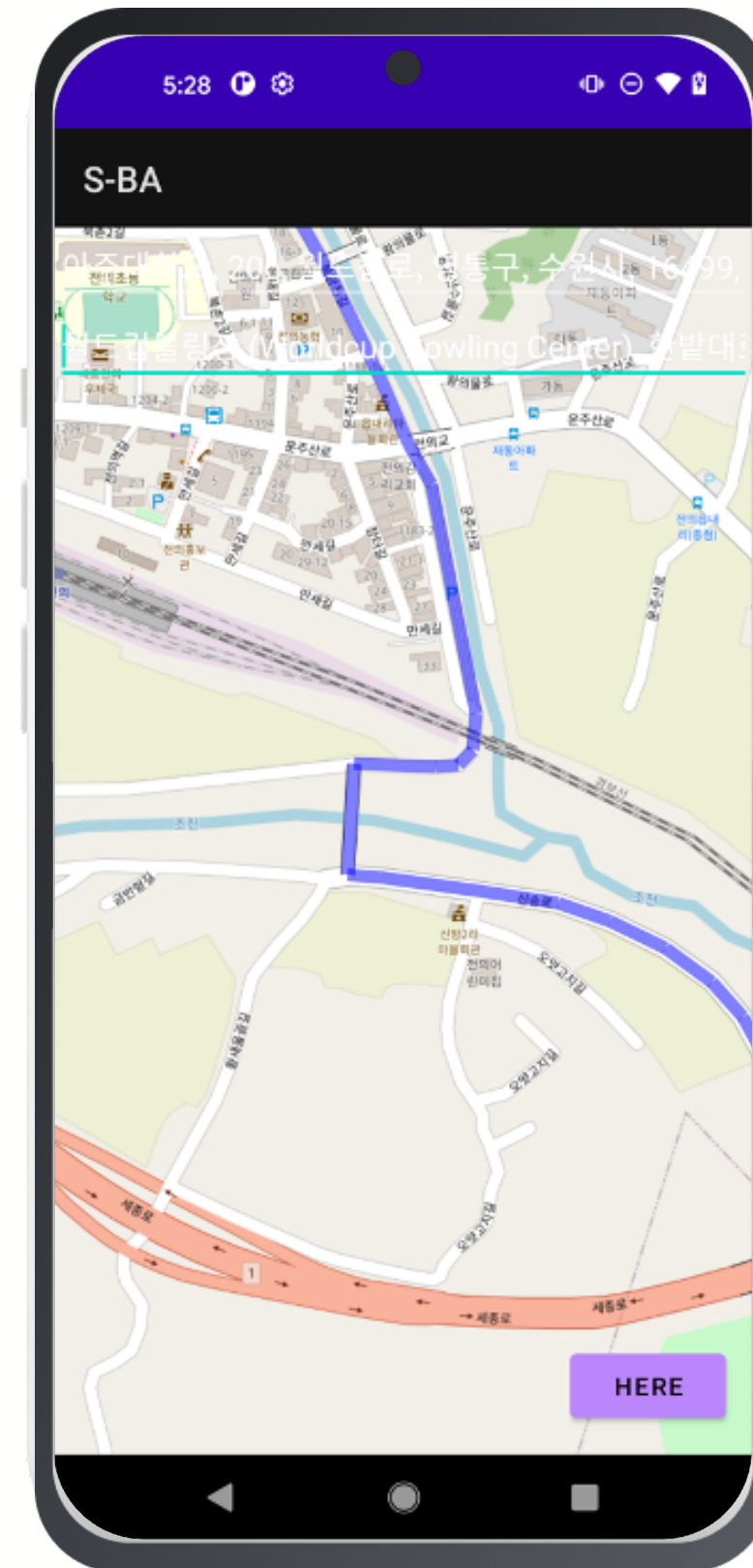
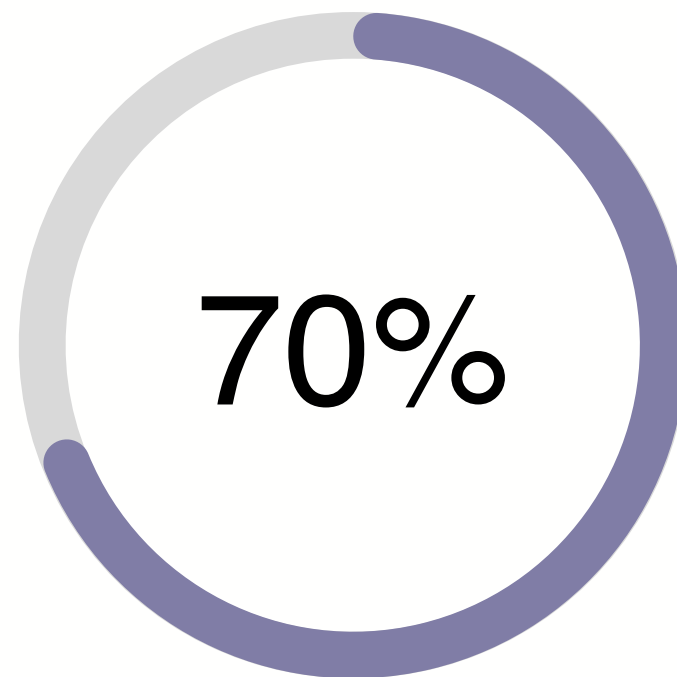
Model
?Galaxy Phone

Main Screen
Menu
Bicycle Selection
Settings

SECOND

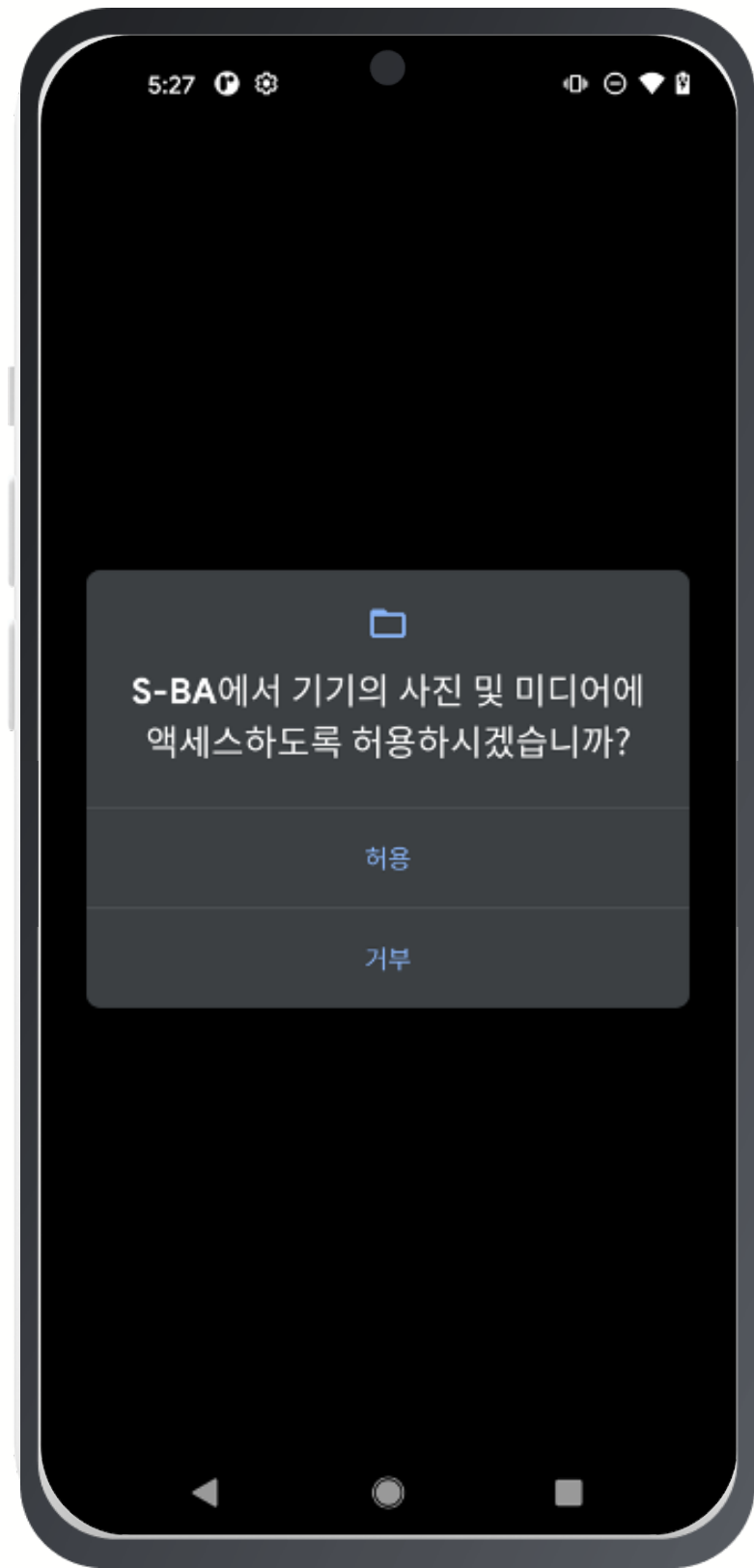
Current Progress

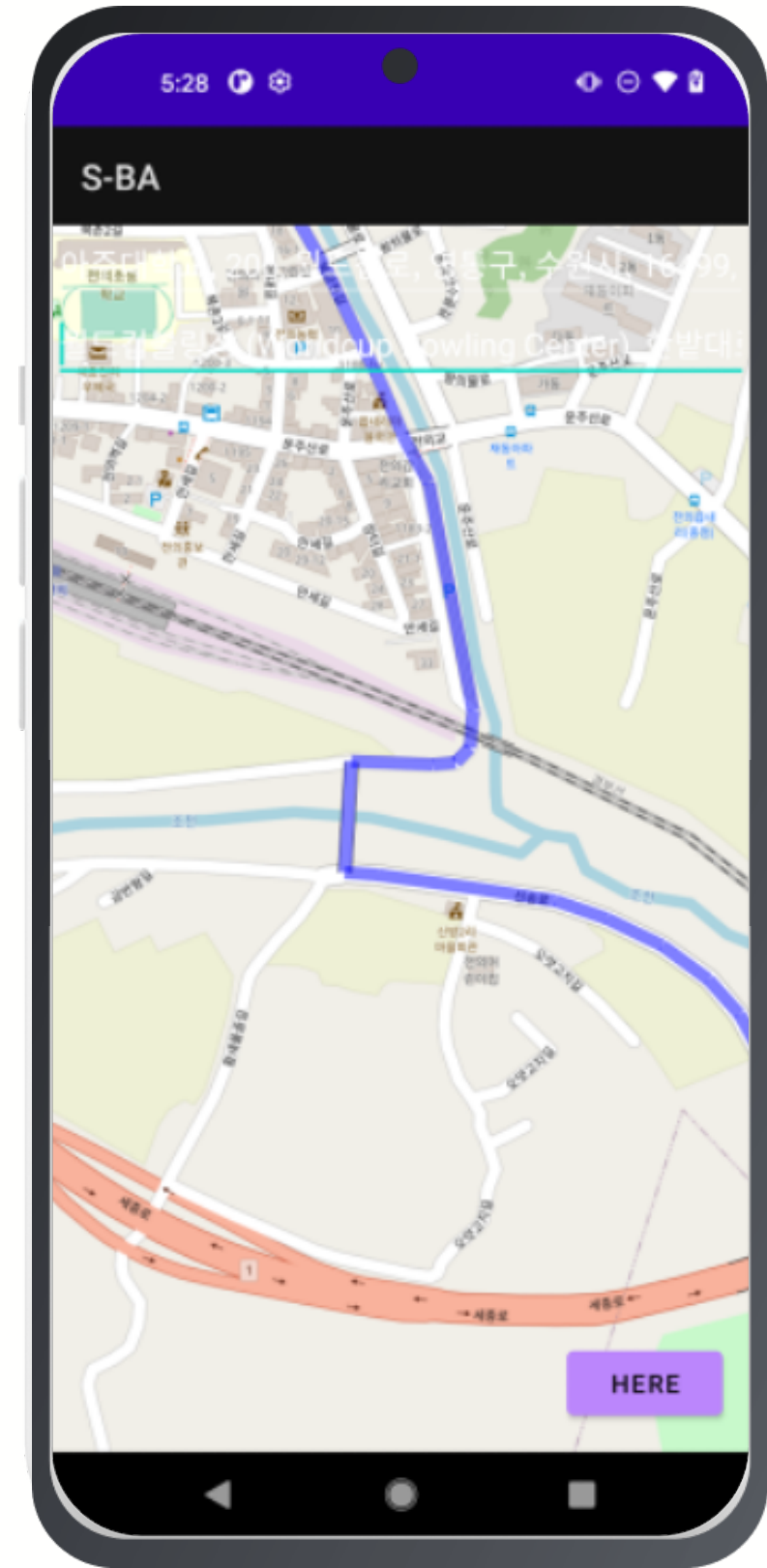
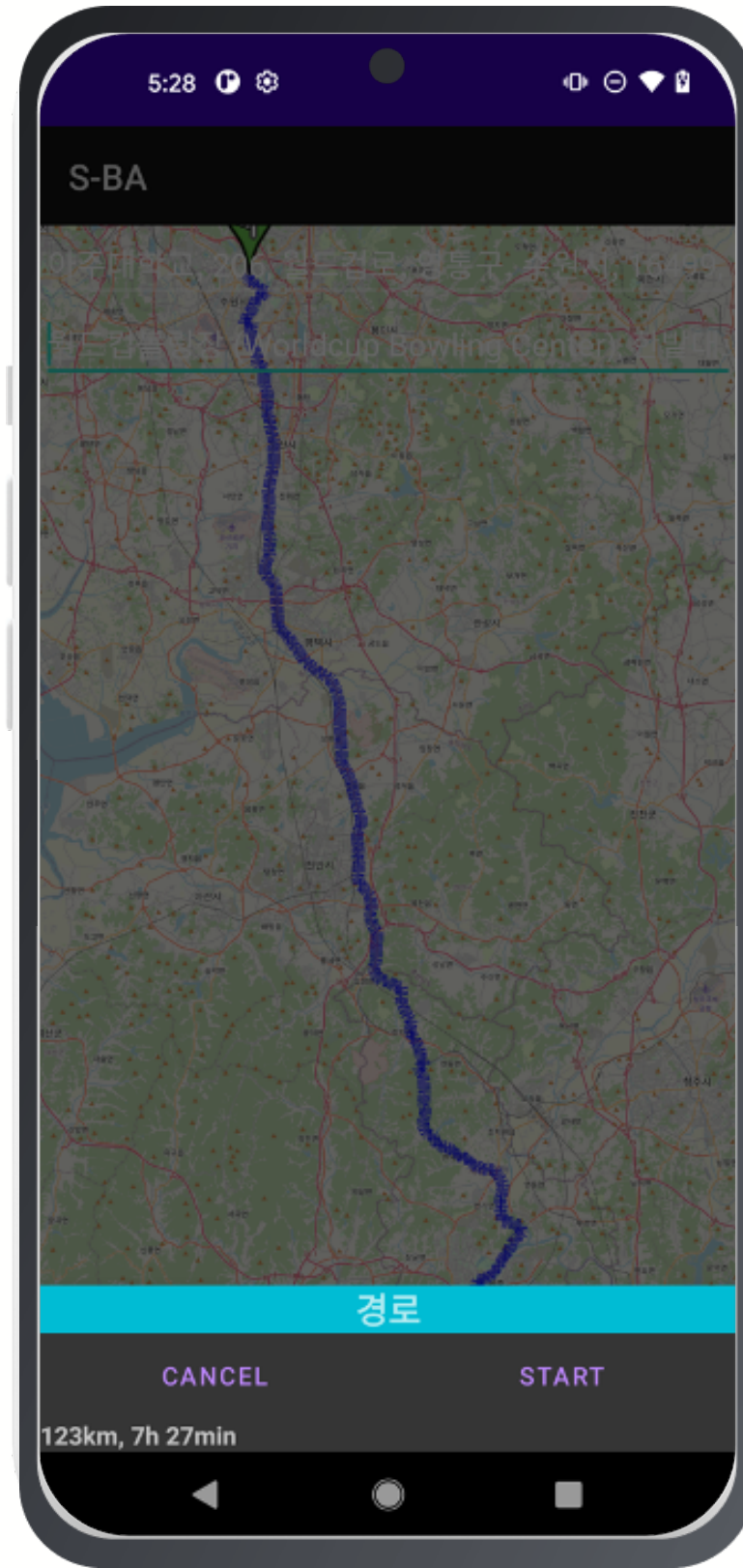
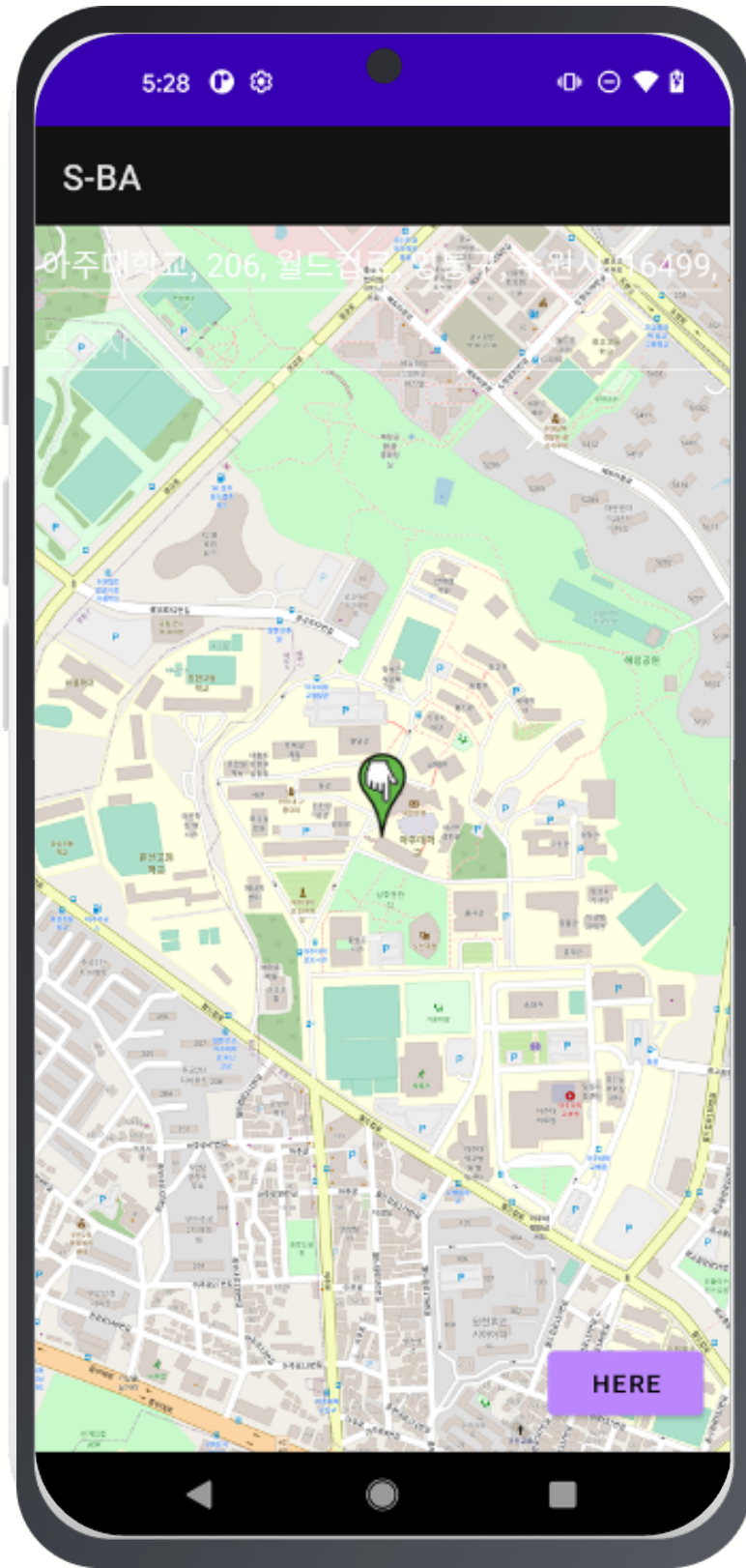
Navigation



Model
?Galaxy Phone

Navigation
Map
Navigatino

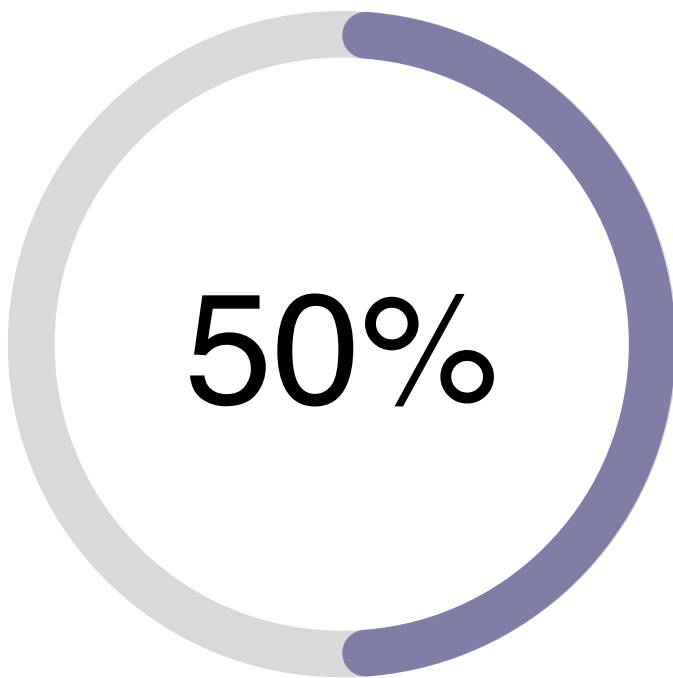




THIRD

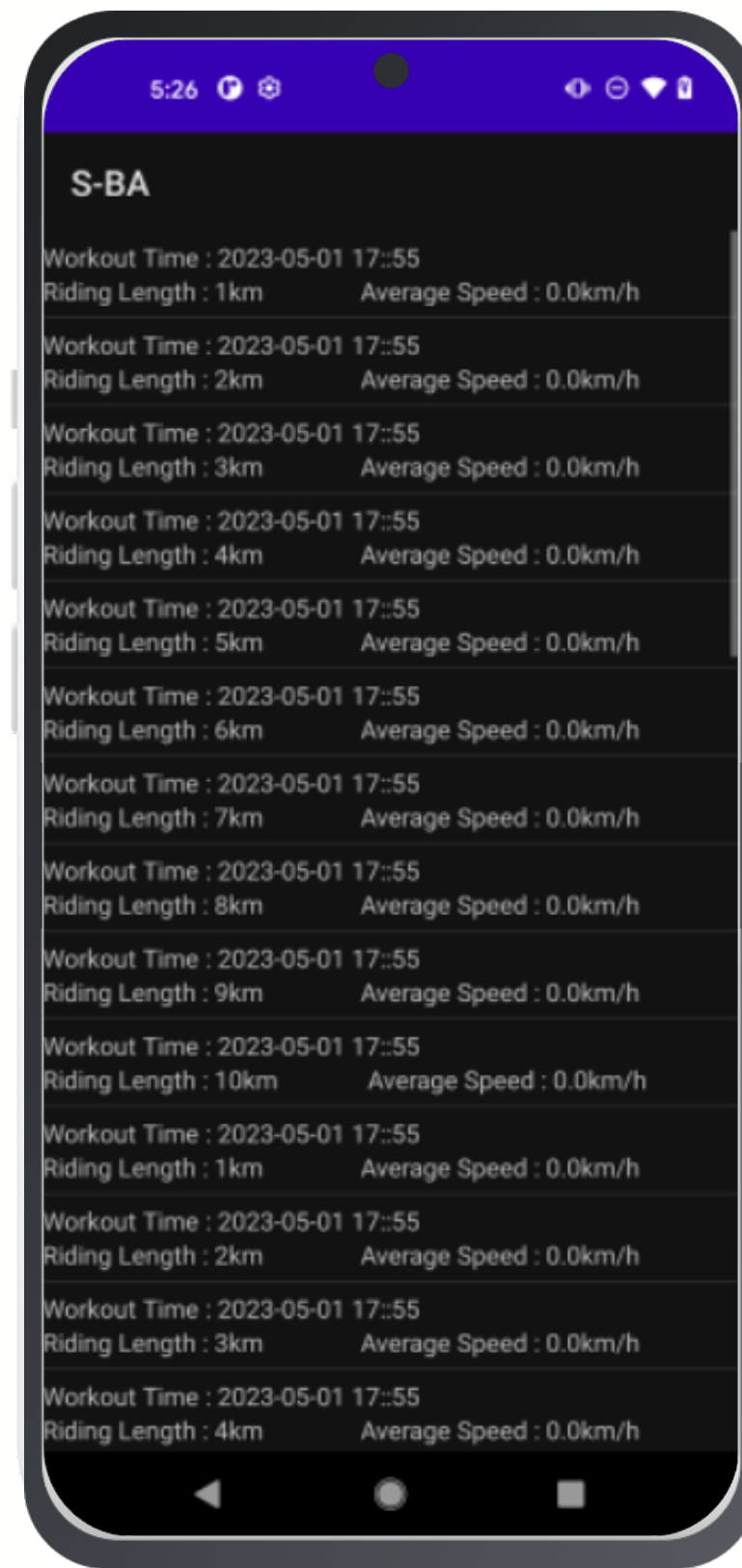
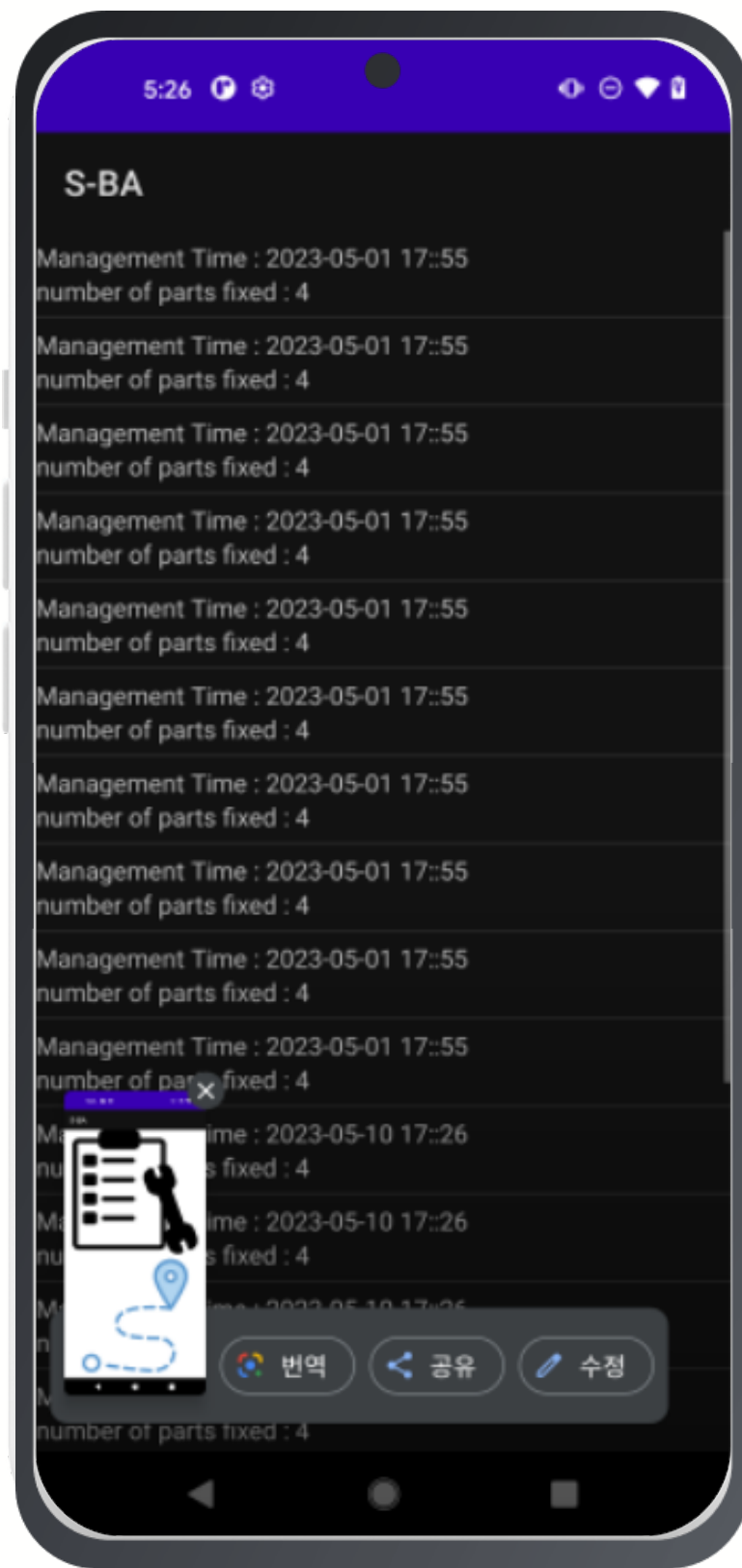
Current Progress

Riding Record



Model
?Galaxy Phone

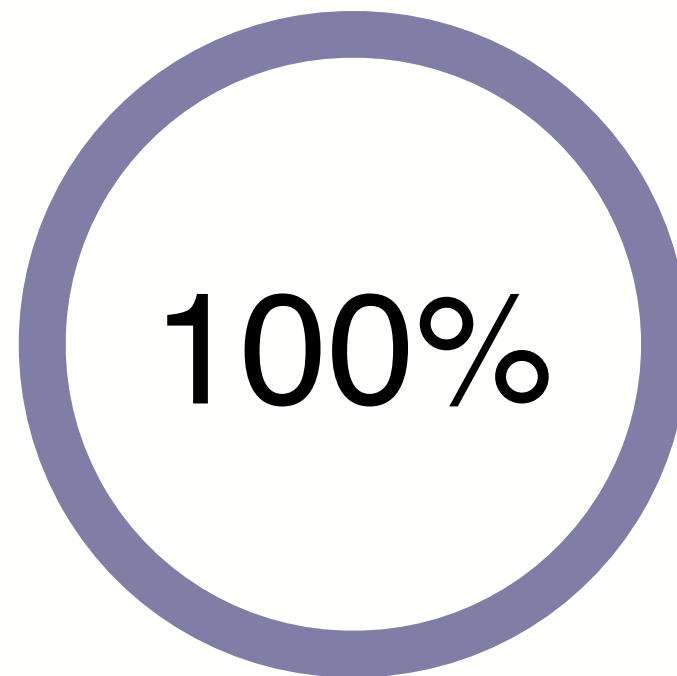
Riding Record
Speed
Hour
Route
Cadence



FOURTH

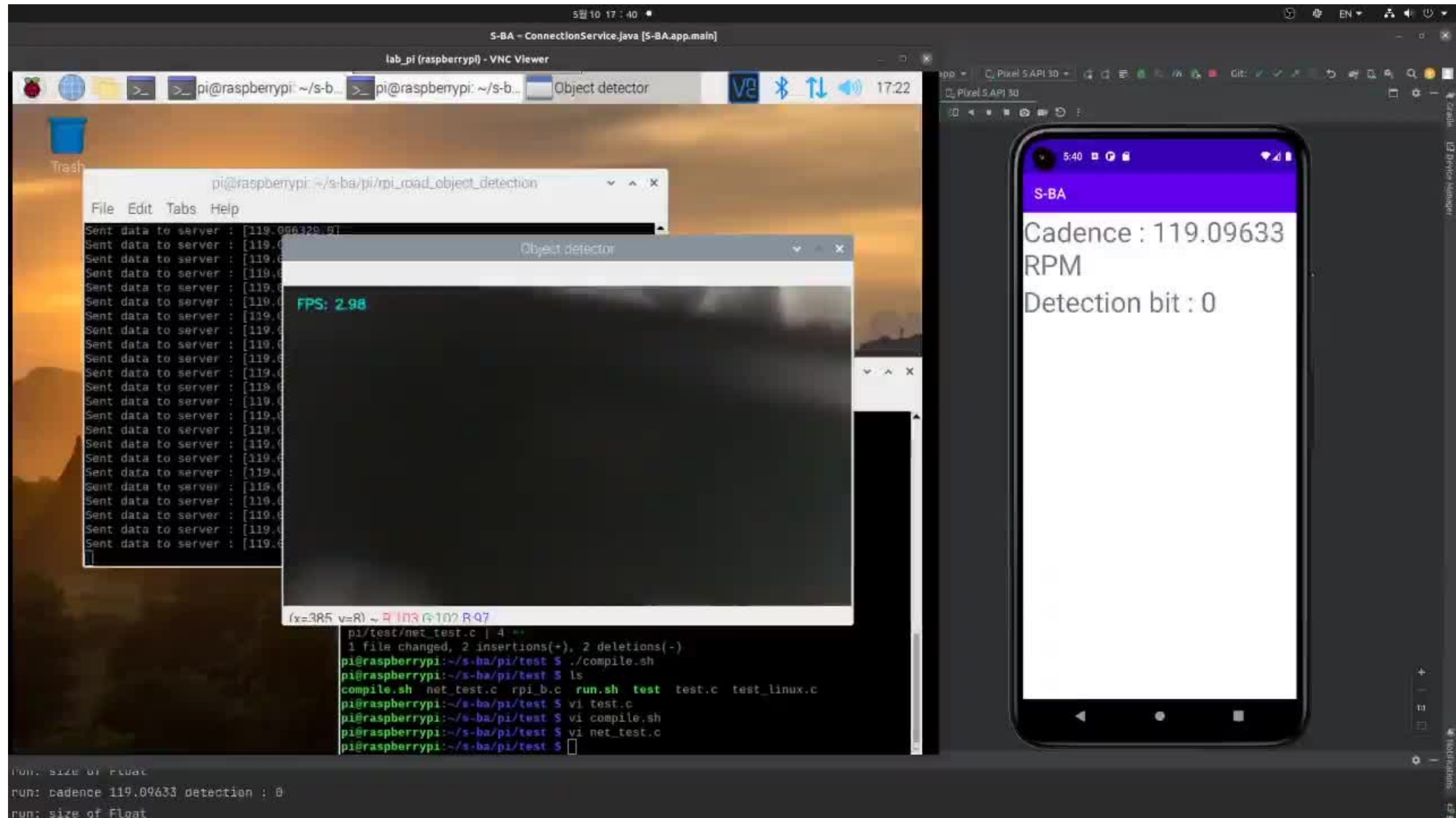
Current Progress

Car Detection



Model
?Galaxy Phone

Car Detection



Thank You

?Do you have any questions?