



Semi-final Report

신준영 201735844

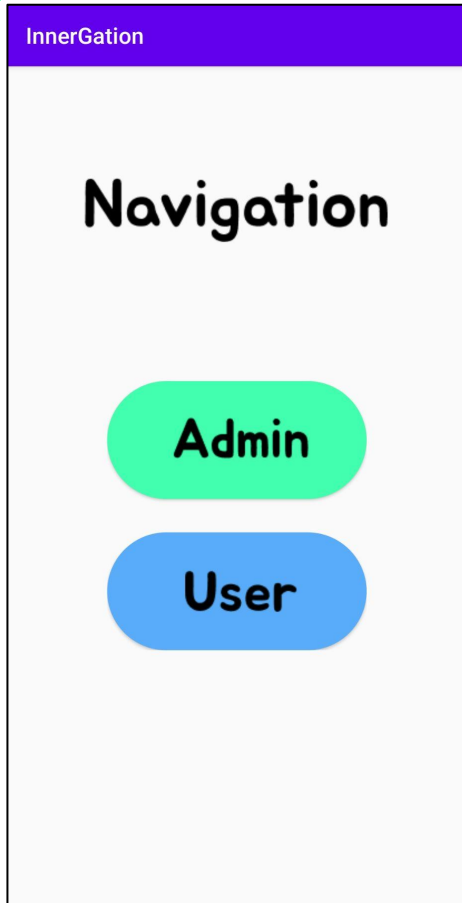
최철웅 201835539

문정곤 201935041

이영찬 201935103



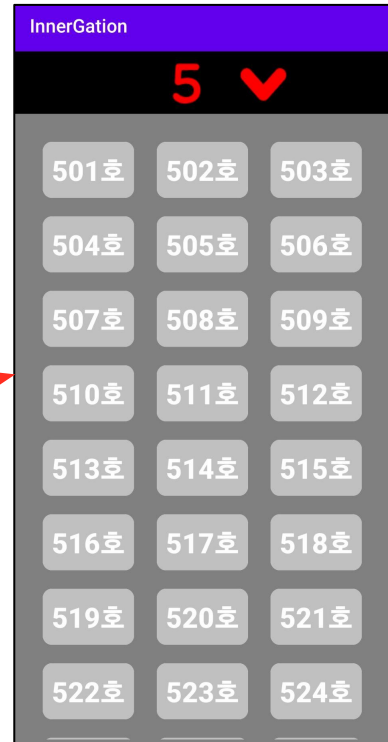
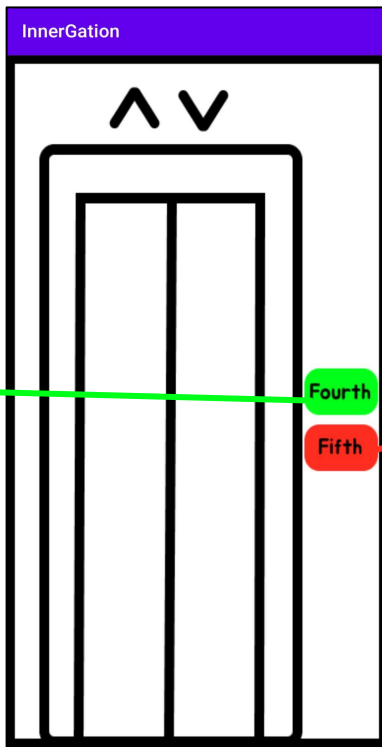
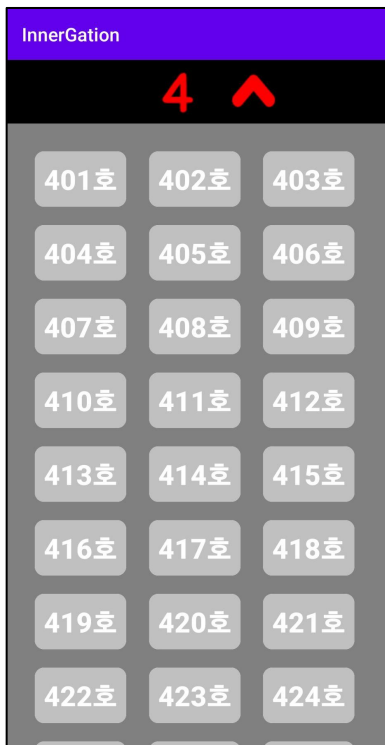
Main UI



- **Function of Admin**
 - Scan the area and push scanned data to **Firestore**
- **Function of User**
 - Store the current position
 - Search the destination and tell user the route

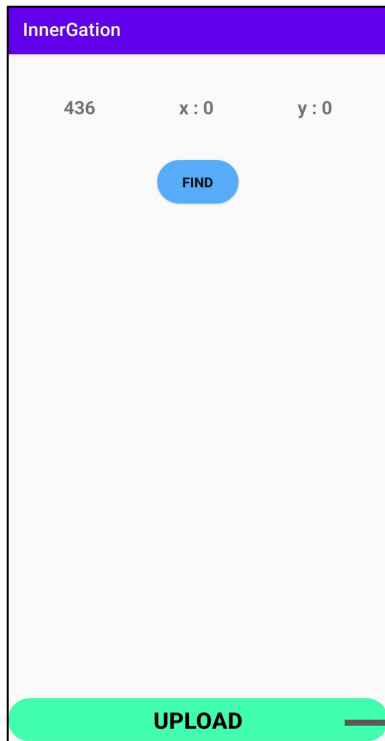
Admin UI

Choose the floor(4th or 5th)

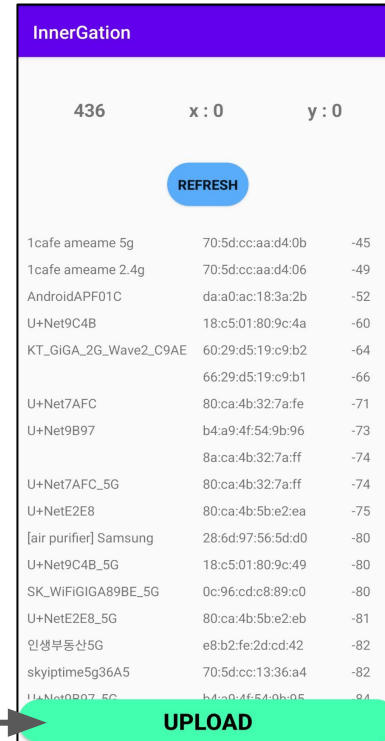


Admin UI

Scan(and Store) data for rooms



Click!



Admin UI

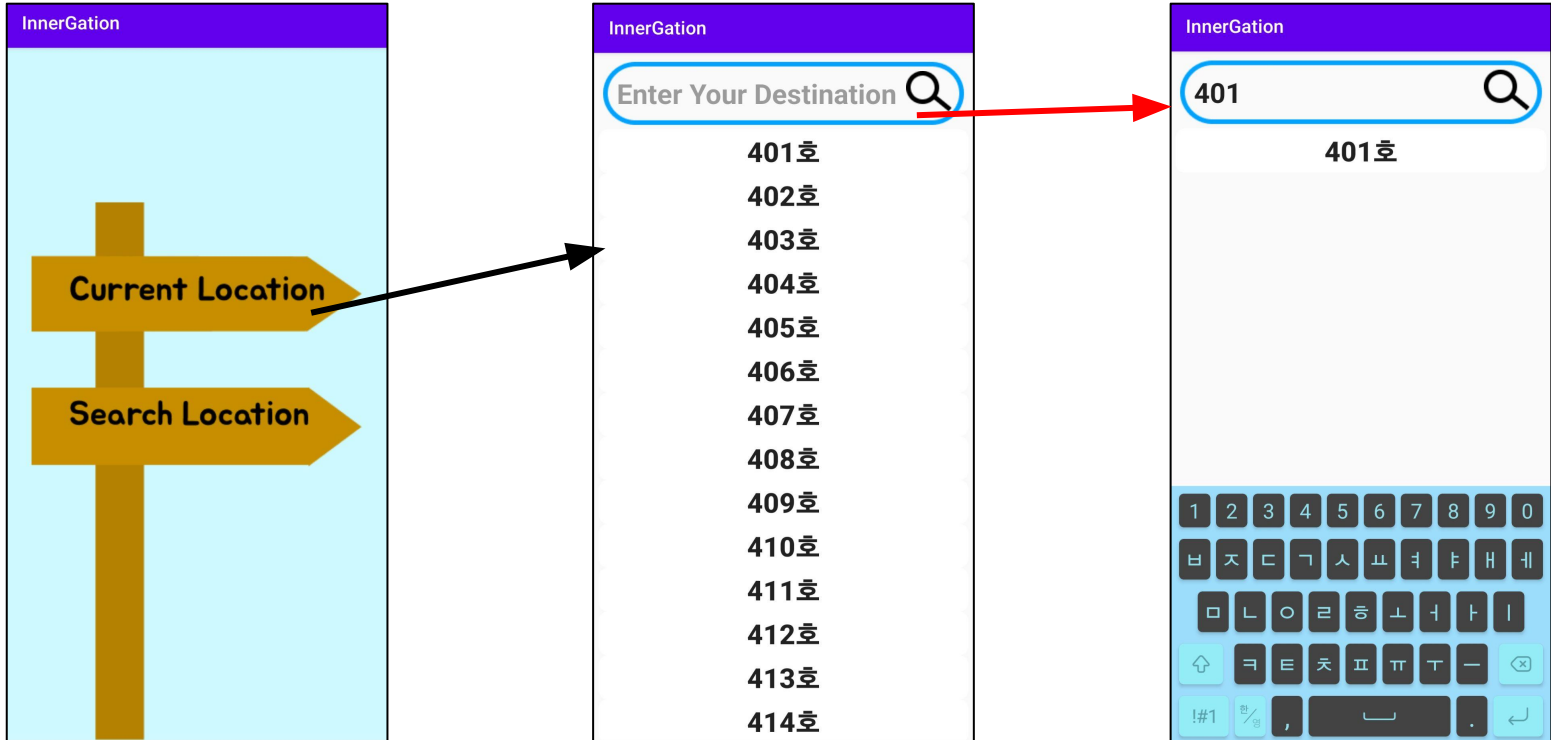
Firestore - Stored Data

The screenshot displays the Google Cloud Admin UI for a Firestore database. The breadcrumb path is `classrooms > 436`. The left sidebar shows the project `innergation-1c45e` and the collection `classrooms`. The main content area shows a list of documents in the `classrooms` collection, with document `436` selected. The right pane shows the details of document `436`, which contains an `RSSI` array with three entries:

```
{
  "RSSI": [
    {
      "bssid": "70:5d:cc:aa:d4:0b",
      "rssi": -45,
      "ssid": "1cafe ameame 5g"
    },
    {
      "bssid": "70:5d:cc:aa:d4:06",
      "rssi": -49,
      "ssid": "1cafe ameame 2.4g"
    },
    {
      "bssid": "da:a0:ac:18:3a:2b",
      "rssi": -52,
      "ssid": "AndroidA9E01C"
    }
  ]
}
```

User UI

Setting Current Location or Search the Destination



Project Schedule

SUN	MON	TUE	WED	THR	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
				Idea Meeting & Role Distribution		
14	15	16	17	18	19	20
	Finger printing & Build database					
21	22	23	24	25	26	27
Collect coordinate data & A* search algorithm				Make navigation app		
28	29	30	31			
		UX/UI design				