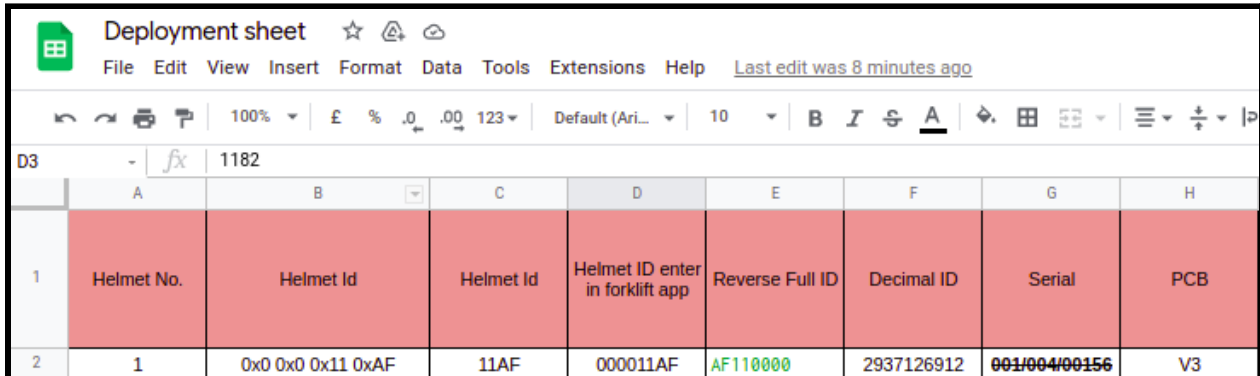


Operator helmet id configuration with PDB by forklift app:

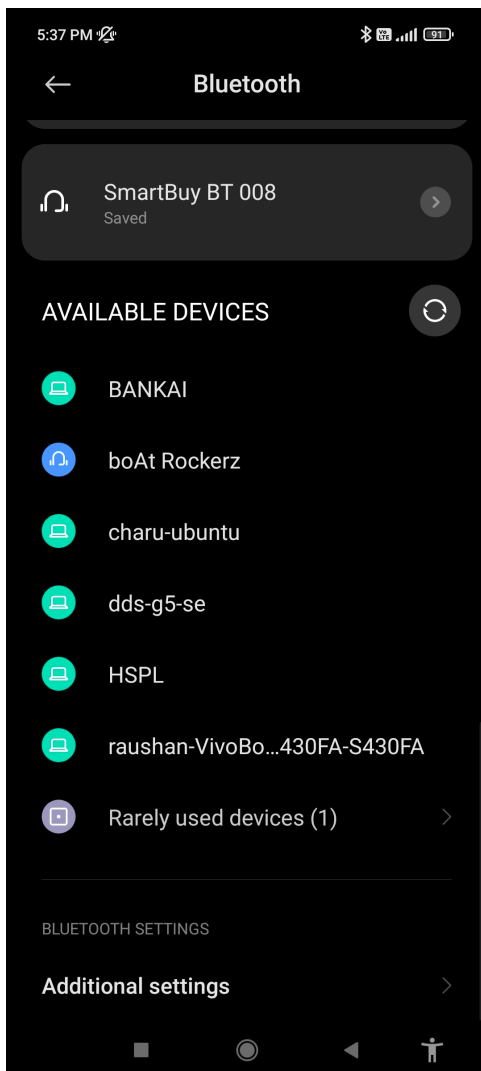
Note: Refer operator helmet sheet in deployment sheet for decimal, reverse decimal ids and hexadecimal ids.



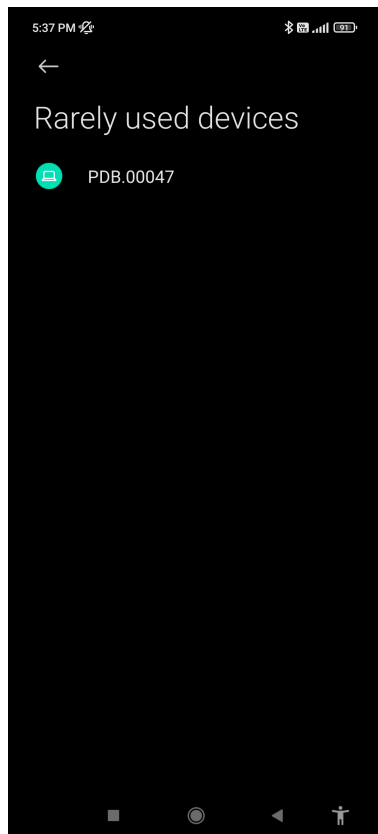
The screenshot shows a Google Sheet titled "Deployment sheet" with a menu bar (File, Edit, View, Insert, Format, Data, Tools, Extensions, Help) and a status bar indicating "Last edit was 8 minutes ago". The sheet contains a table with 8 columns: A (Helmet No.), B (Helmet Id), C (Helmet Id), D (Helmet ID enter in forklift app), E (Reverse Full ID), F (Decimal ID), G (Serial), and H (PCB). The first row (row 1) contains the headers. The second row (row 2) contains the following values: 1, 0x0 0x0 0x11 0xAF, 11AF, 000011AF, AF110000, 2937126912, 001/004/00156, and V3.

	A	B	C	D	E	F	G	H
1	Helmet No.	Helmet Id	Helmet Id	Helmet ID enter in forklift app	Reverse Full ID	Decimal ID	Serial	PCB
2	1	0x0 0x0 0x11 0xAF	11AF	000011AF	AF110000	2937126912	001/004/00156	V3

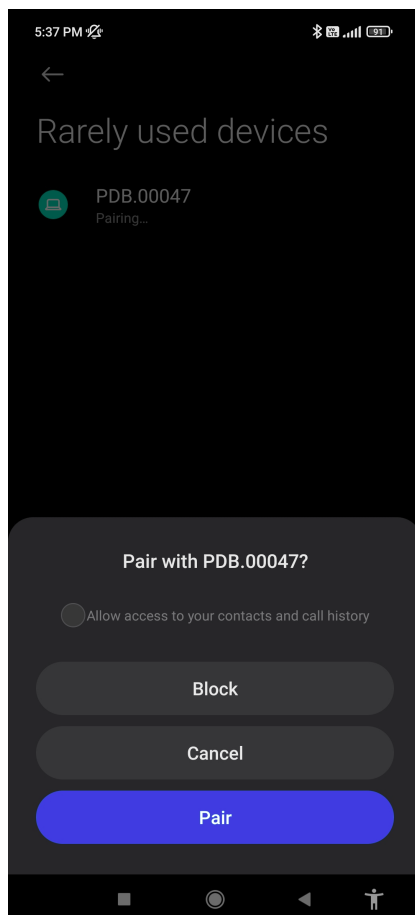
Step 1: Pair bluetooth in mobile by going to settings of mobile then go to rarely used devices.



Step 2:connect the available pdb device by bluetooth



Step 3:Pair with respected bluetooth device



Step 4:open forklift app and login with credentials (pass:HACK@LAB)

5:35 PM 91%

Change Password

LOGIN

Username : charushila@hacklab.solu

Password :

Login

Forgot Password ?

Step 5:select PDB device for configuration

Which one you Want to Configure ?

Biometric Access

Can Logger

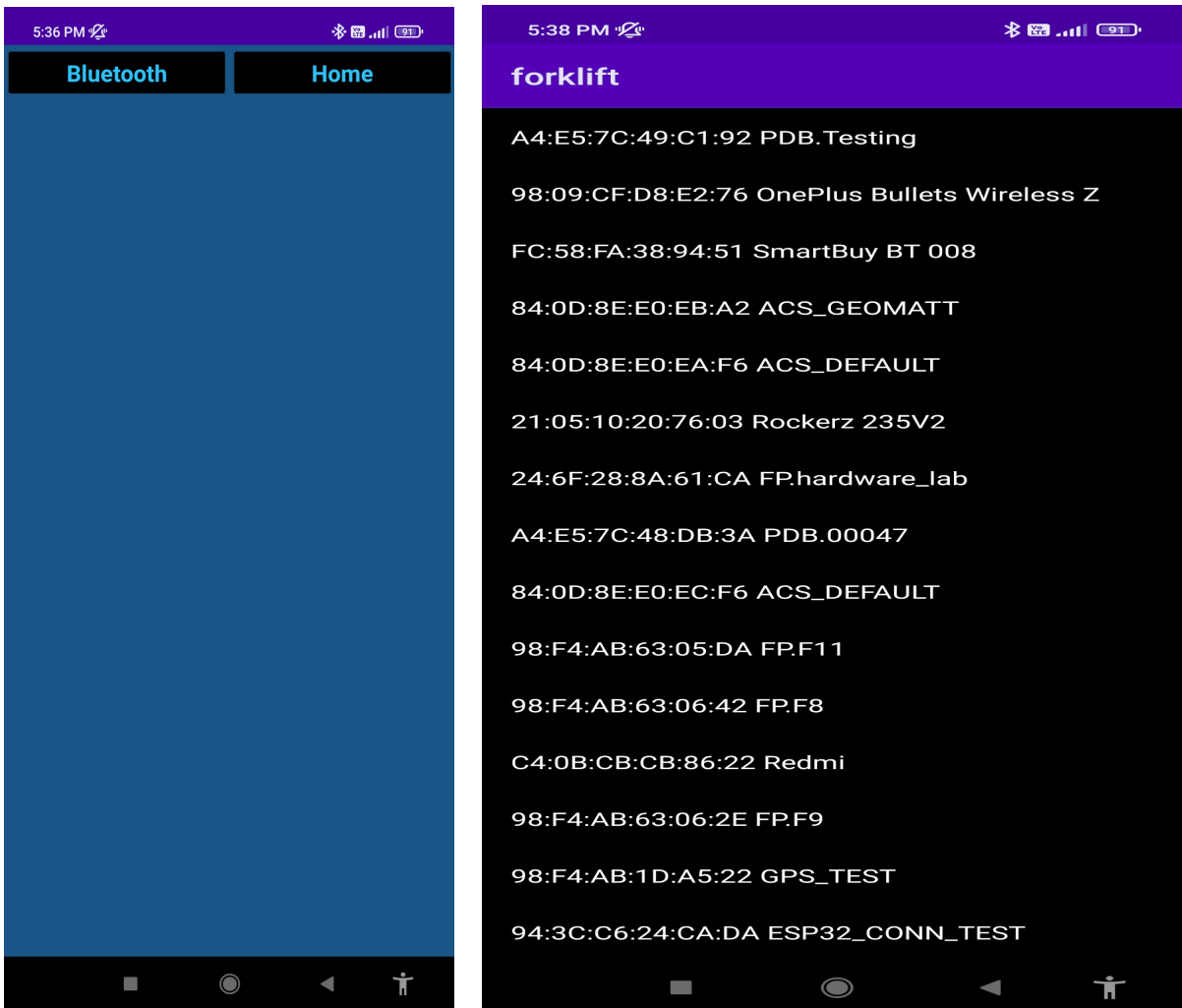
OTA Update

Audio

ACS

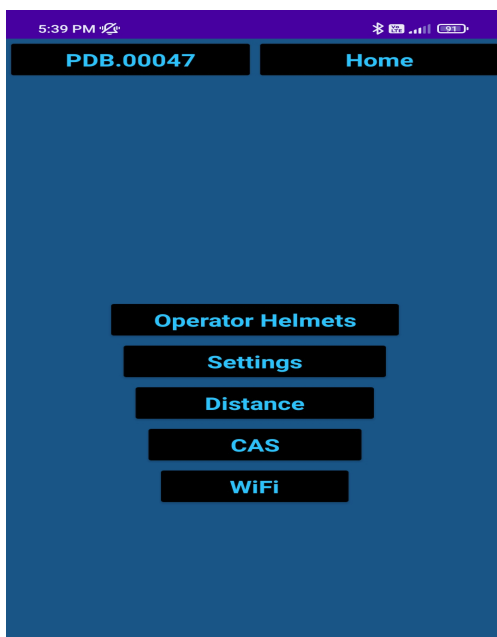
PDB

Step 6:select bluetooth device name of respected PDB



Here we can select PDB.00047 bluetooth device

Step 7:now we can edit settings as per requirements



Step 8: If you want to change operator helmet id go to operator helmet settings

The screenshot shows a mobile application interface with a purple status bar at the top displaying the time 5:40 PM, signal strength, and battery level at 91%. Below the status bar is a navigation bar with two buttons: "PDB.00047" and "Home". The main content area has a dark green background. It starts with a section titled "Operator Helmet" with two radio buttons: "Yes" (selected) and "No". Below this is a section titled "Helmet Distance" with a value of "3". There are three sections for helmet IDs, each with a label and a text input field: "helmet1" with the value "00001144", "helmet2" with the placeholder "Type helmet ID", and "helmet3" with the placeholder "Type helmet ID". At the bottom of the form is a "Submit" button. The bottom of the screen shows a black Android navigation bar with icons for back, home, and recent apps.

5:40 PM 91%

PDB.00047 Home

Operator Helmet ☒ Yes ☐ No

Helmet Distance 3

helmet1 00001144

helmet2 Type helmet ID

helmet3 Type helmet ID

Submit

- Click operator helmet as YES
- Enter operator helmet id in the format mentioned below:
If the SAFMET UID is 1144 then enter helmet 1 id as "00001144" and click on the submit button.

Step 9: If you want to check operator helmet with pdb and casnode setup only then do the following settings and submit.

5:52 PM

PDB.00047 Home

Key Check

☐ Yes

☐ No

Access Control

☐ Yes

☒ No

Seatbelt

☒ Type 1

☐ Type 2

Emergency

☒ Just Buzzer

☐ Forklift Off

☐ Brake

☐ Turn Off Forklift and Brake

Alert

☒ Just Buzzer

☐ Brake

Submit

Note : After each settings update, reset the pdb and then check.

Operator helmet id configuration with PDB by SPIFFS:

Note: Refer operator helmet sheet in deployment sheet for decimal, reverse decimal ids and hexadecimal ids.

Deployment sheet									
File Edit View Insert Format Data Tools Extensions Help Last edit was made 1 hour ago by Deb Deep Sett									
100% £ % .0 .00 123 Default (Ari... 10 B I S A									
C1:E1	Helmet Id								
	A	B	C	D	E	F	G	H	
1	Helmet No.	Helmet Id	Helmet Id	Reverse Full ID	Decimal ID	Serial	PCB	Date	
2	1	0x0 0x0 0x11 0xAF	11AF	AF110000	2937126912	001/004/00156	V3	22/02/22	
3	2	0x0 0x0 0x11 0x82	1182	82110000	2182152192	001/004/00154	V3	22/02/22	
4	3	0x0 0x0 0x11 0x60	1160	60110000	1611726848	001/004/00155	V3	22/02/22	
5	4	0x0 0x0 0x11 0x63	1163	63110000	1662058496	001/004/00161	V3	22/02/22	
6	5	0x0 0x0 0x11 0xB0	11B0	B0110000	2953904128	001/004/00160	V3	22/02/22	
7	6	0x0 0x0 0x11 0x6B	116B	6B110000	1796276224	001/004/00158	V3	22/02/22	
8	7	0x0 0x0 0x11 0x4B	114B	4B110000	1259405312	001/004/00162	V3	22/02/22	
9	8	0x0 0x0 0x11 0xC8	11C8	C8110000	3356557312	001/004/00164	V3	22/02/22	
10	9	0x0 0x0 0x11 0xC0	11C0	C0110000	3222339584	001/004/00163	V3	22/02/22	

For example :

```
{
  "NAM": "PDB.test2",
  "ssid": "HSPLWIFI",
  "pass": "HACK@LAB",
  "ip": 246,
  "HED": 4,
  "HAD": 6,
  "MED": 4,
  "MAD": 6,
  "HEL": 2,
  "HDS": 3,
  "HL1": 2937126912, // for 11AF uid we have reverse the id first to AF110000 then convert this
  hex id to decimal id "2937126912"
  "HL2": 2182152192, //for 1182
  "HL3": 1611726848, //for 1160
  "KEY": 1,
  "AC": 1,
  "SB": 1,
  "ALR": 1,
  "EMR": 1,
  "HMI": 1,
```

```
"SLK":3000,  
"OTA":0,  
"BRK": 5000,  
"BYP": 5000,  
"DBG": false  
}
```

Note: update the spiffs with these settings in PDB while checking with the setup of casnode and PDB. We can check the operator helmet by activating the touch sensor.