

The background is a light blue gradient with several realistic water droplets of various sizes scattered across the surface. The droplets have highlights and shadows, giving them a three-dimensional appearance.

SMART HOME ASSISTANT

PROJEKTIRANJE INFORMACIJSKIH SUSTAVA – STUDENTSKI PROJEKT

JOSIP NIKOLIĆ

OPIS SUSTAVA

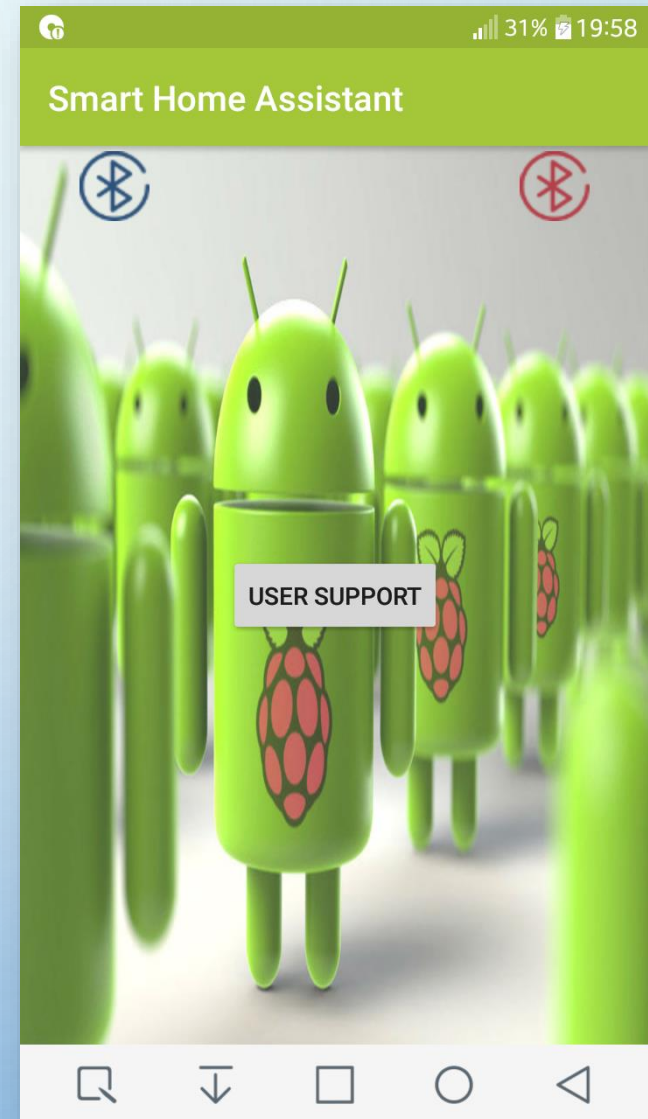
- ANDROID APLIKACIJA (ANDROID STUDIO – JAVA, API 21 – ANDROID 5.0)
- RASPBERRY PI 3 MODEL B (PYTHON, RFCOMM)
- UPARIVANJE UREĐAJA
- THINGSPEAK ([THINGSPEAK.COM/CHANNELS/414644](https://thingspeak.com/channels/414644))
- LOKALNA DATOTEKA

POČETNI ZASLON

MainActivity

Moguće akcije:

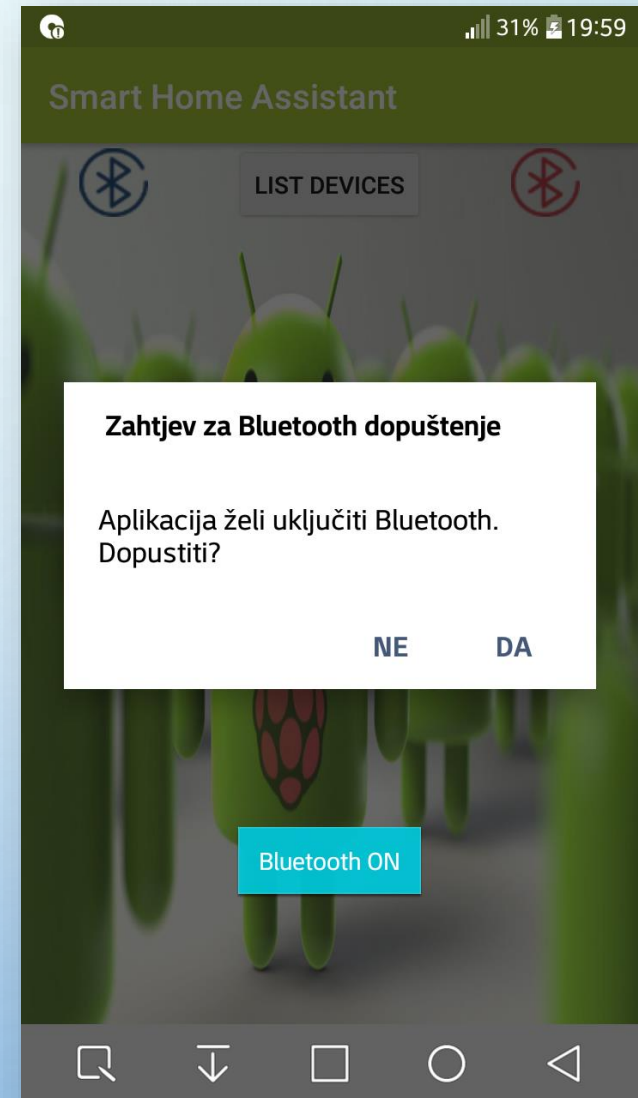
- Uključi bluetooth → Izlistaj uparene uređaje
- Kontaktiraj korisničku podršku



UKLJUČI BLUETOOTH

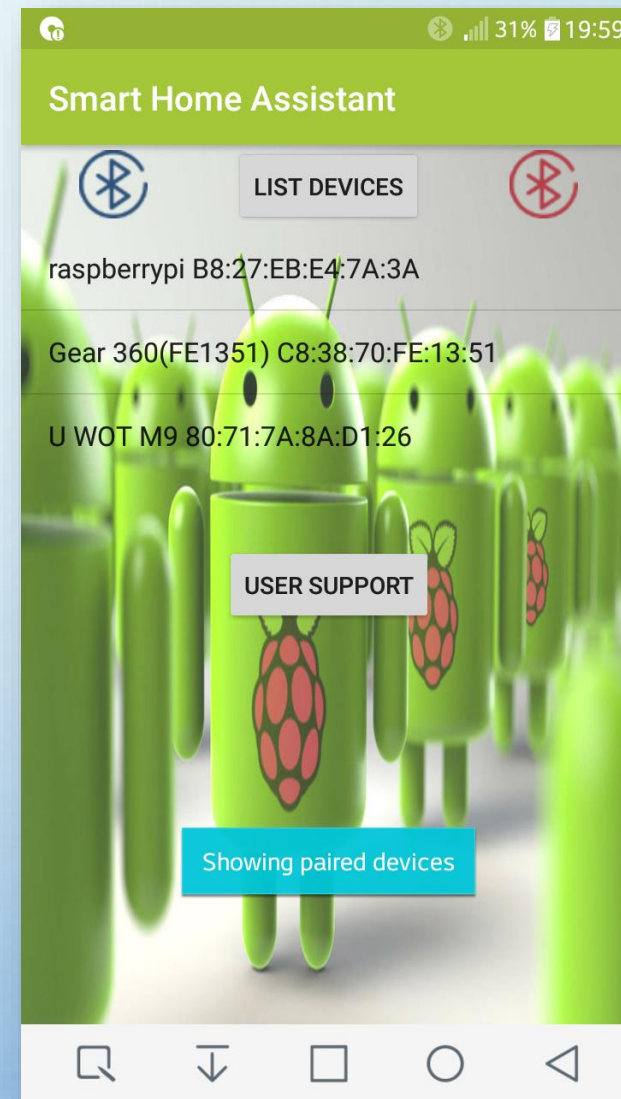
AndroidManifest.xml

```
<uses-permission  
android:name="android.permission.BLUETOOTH"  
>  
<uses-permission  
android:name="android.permission.BLUETOOTH_  
ADMIN" />
```



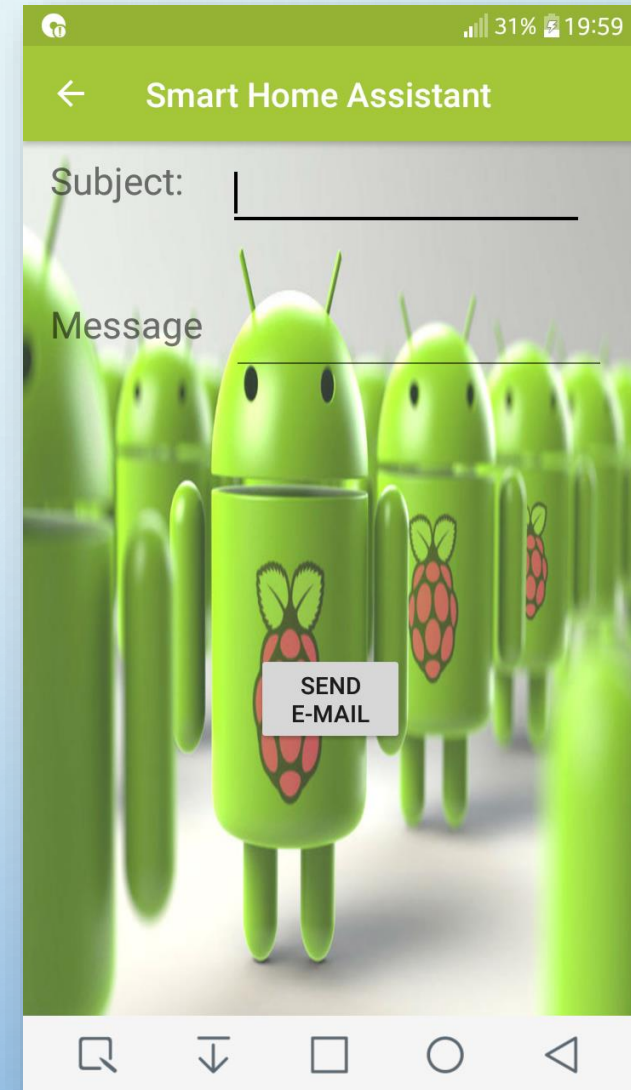
IZLISTAJ UPARENE UREĐAJE

Upareni uređaji i MAC adrese



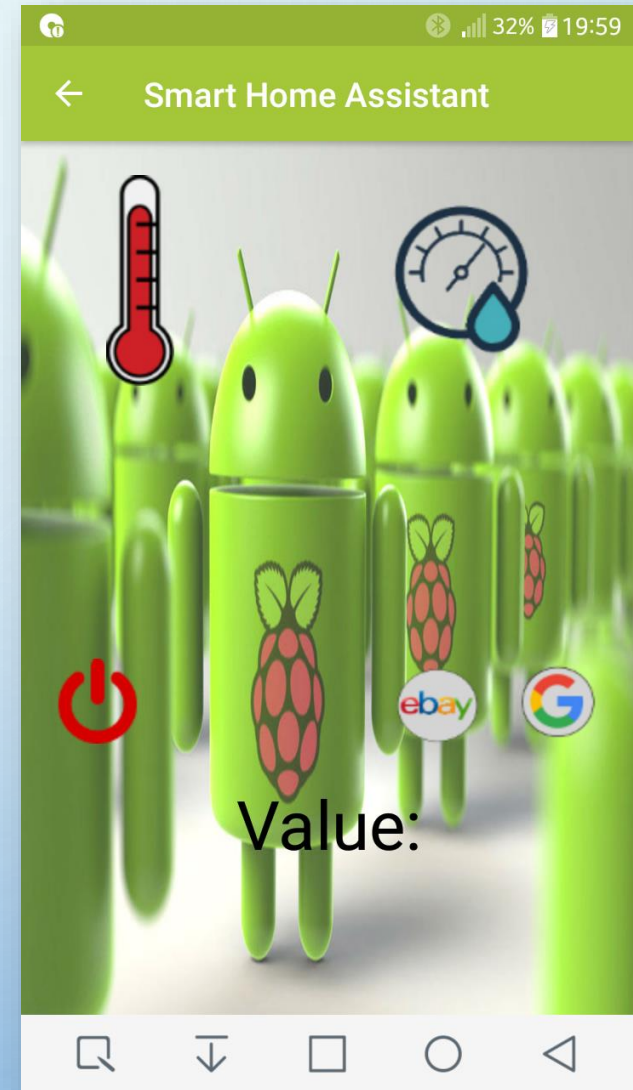
KORISNIČKA PODRŠKA

Send e-mail → E-mail aplikacija



COMMSACTIVITY

- Ikone (ImageButton)
- Value (TextView) – prikaz rezultata
- Thingspeak
- data.txt



COMMSACTIVITY

- Ikone (ImageButton)
- Value (TextView) – prikaz rezultata (19:59)
- Thingspeak
- data.txt



COMMSACTIVITY

- Ikone (ImageButton)
- Value (TextView) – prikaz rezultata (19:59)
- Thingspeak
- data.txt





32% 20:00

data.txt



14.4 C
17.41 % R.H.
9.03
16.6
9.11
16.61
16.6
15.34 - sri, 31 sij 2018, 16:15:40 CET
17.54 - sri, 31 sij 2018, 16:15:50 CET
17.54 - sri, 31 sij 2018, 16:15:53 CET
13.81 - sri, 31 sij 2018, 16:26:39 CET C
14.15 °C - sri, 31 sij 2018, 16:31:13 CET
17.37 %R.H. - sri, 31 sij 2018, 16:31:17 CET
17.41 %R.H. - sri, 31 sij 2018, 16:42:59 CET
14.33 °C - sri, 31 sij 2018, 16:43:10 CET
17.38 %R.H. - sri, 31 sij 2018, 16:43:18 CET
14.21 °C - sri, 31 sij 2018, 16:43:20 CET
17.16 %R.H. - sri, 31 sij 2018, 16:52:58 CET
12.75 °C - sri, 31 sij 2018, 16:53:10 CET
17.15 %R.H. - sri, 31 sij 2018, 16:53:20 CET
37.19 %R.H. - sri, 31 sij 2018, 17:11:40 CET
12.94 °C - sri, 31 sij 2018, 17:11:47 CET
36.67 %R.H. - pon, 5 velj 2018, 12:19:26 CET
9.51 °C - pon, 5 velj 2018, 12:19:30 CET
10.38 °C - uto, 13 velj 2018, 19:59:41 CET
36.8 %R.H. - uto, 13 velj 2018, 19:59:49 CET

Temperatura (°C): **10.39**
Tue Feb 13 2018
19:59:40 GMT+0100

Vlaga (% r.v.): **36.8**
Tue Feb 13 2018
19:59:40 GMT+0100

Pitanja?!