ApsiyonPark Project Team

apsiyon park

PARKING TECHNOLOGIES

about project

In project, we aimed to show parking occupancy rate and occupied - empty parking spaces in mobile app by integrating the security cameras already in the parking lots into the ai model. Thus, we make it easier to find a parking space, especially in large parking lots, without any extra cost.

project cost estimate

-Virtavo 1080p (night vision enabled) x (as many as necessary): 1.543 try (one piece cost)
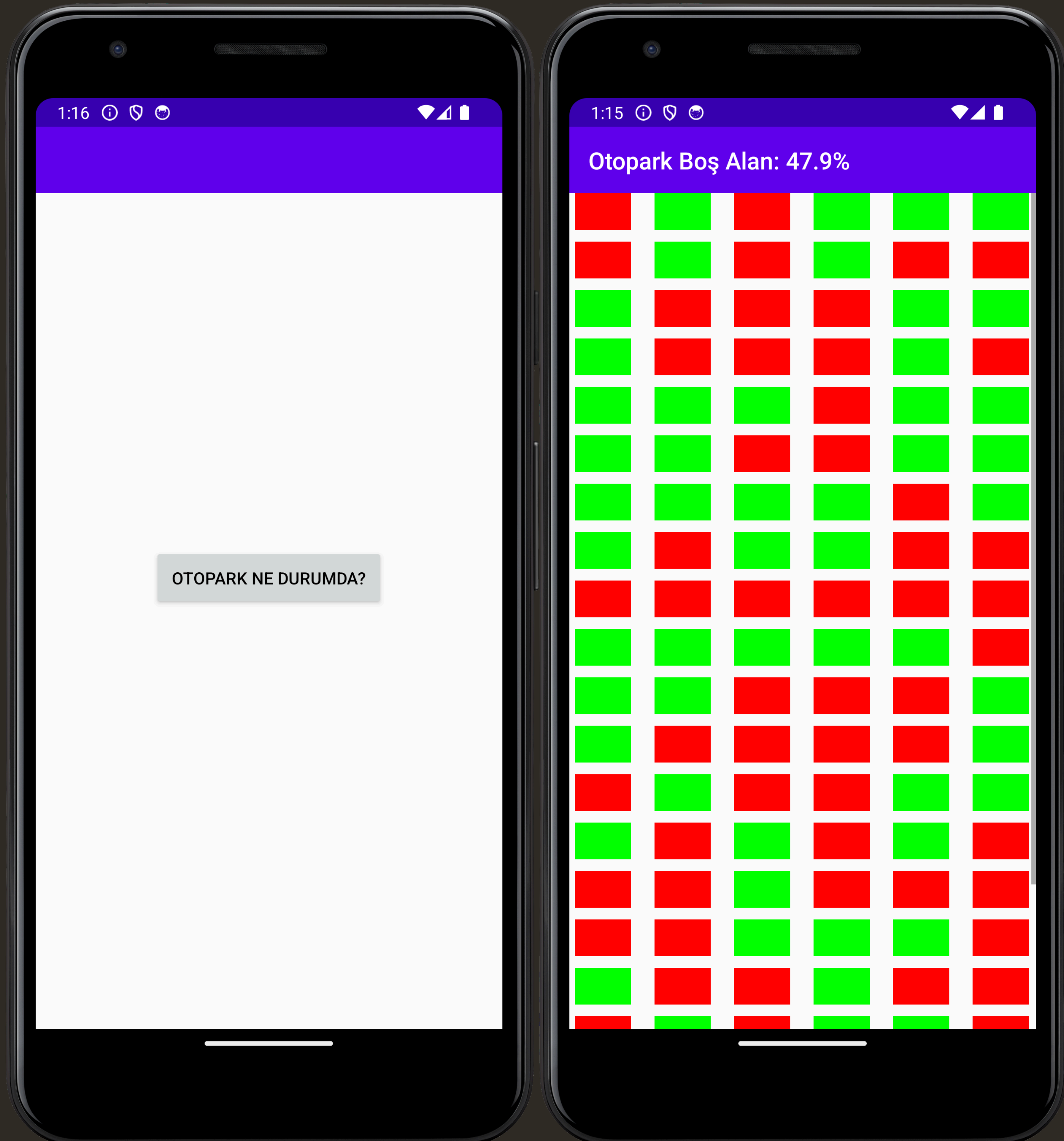-Server: (Apsiyon is already have, not needed more)

used technologies

-python (cv2, yolo, flask, numpy, psycopg2, jsonify)
-android studio
-docker (if you use that project in local)
-postgresql (for storing system logs, cameras and parking pyhsical characteristics)

team

- emir kagan seyda
- nisanur celik
- omer agasiyev
- emir ceylan

photos from project parts (android)

1:16 OTOPARK NE DURUMDA?

1:15 Otopark Boş Alan: 47.9%

photos from project parts (ios)