



VANTRACK





Have you ever waited outside like...forever for a van?

- Well, you don't have to anymore. At least not outside :)



CONTENTS

Product

- What is VanTrack
- Characteristics of VanTrack
- How to use VanTrack

Development

- Methodology
- Architecture



WHAT IS VANTRACK

- VanTrack is a real time van (dolmus) tracker for Urla vans.
- It lets the user select the route they will be going, showing the vans which are headed to that destination on map.
- When a van is clicked an estimated time of the van's arrival to the user's location is shown, or if the van has been missed by the user.



CHARACTERISTICS OF VANTRACK

- VanTrack is an app only for Android devices.

- To use VanTrack user must have:

Internet connection

GPS enabled on the device

- From VanTrack settings users can choose:

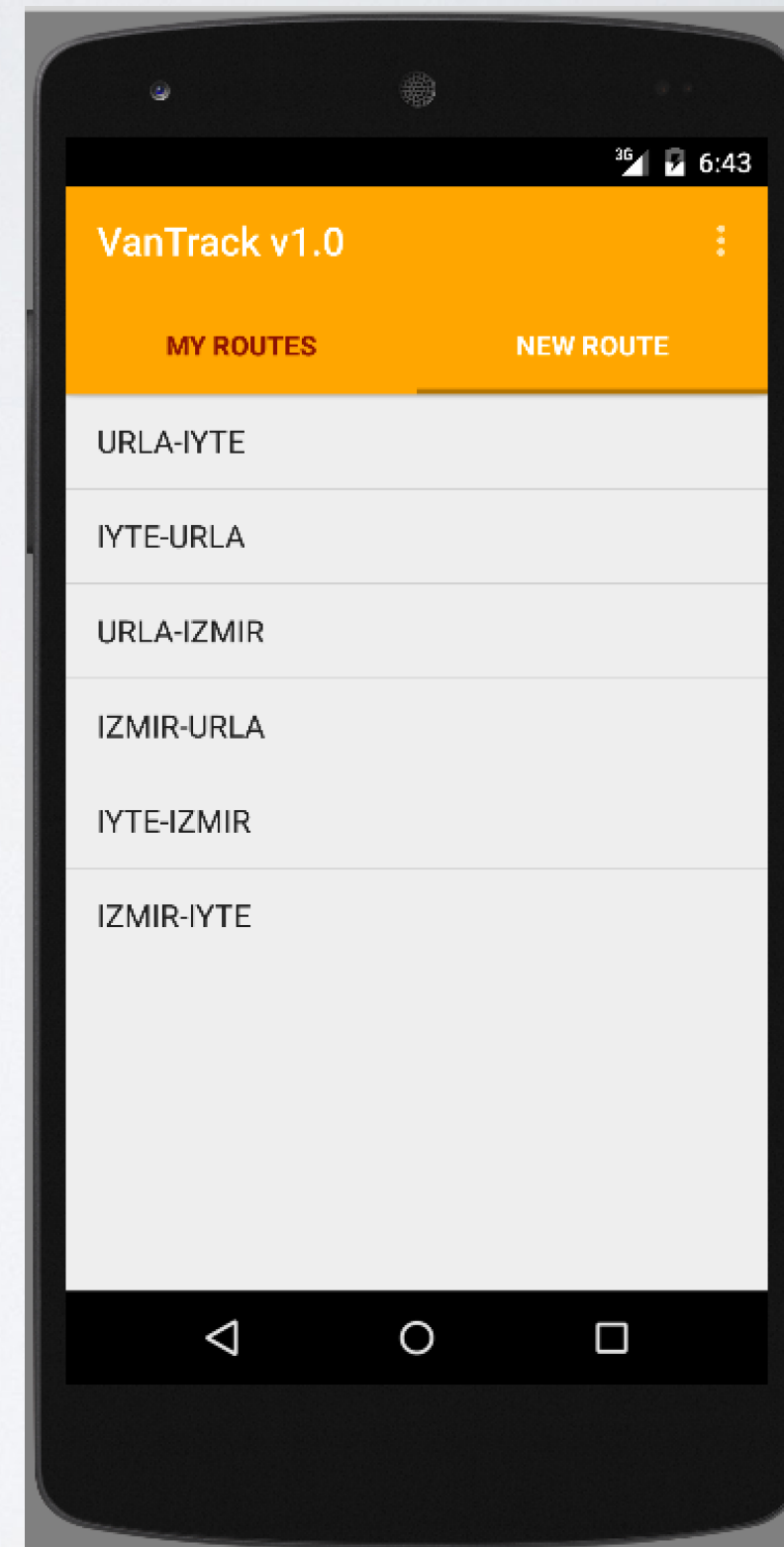
if they want to use the app while on 3G

if they want to share their location with other users of VanTrack app



HOW TO USE VANTRACK

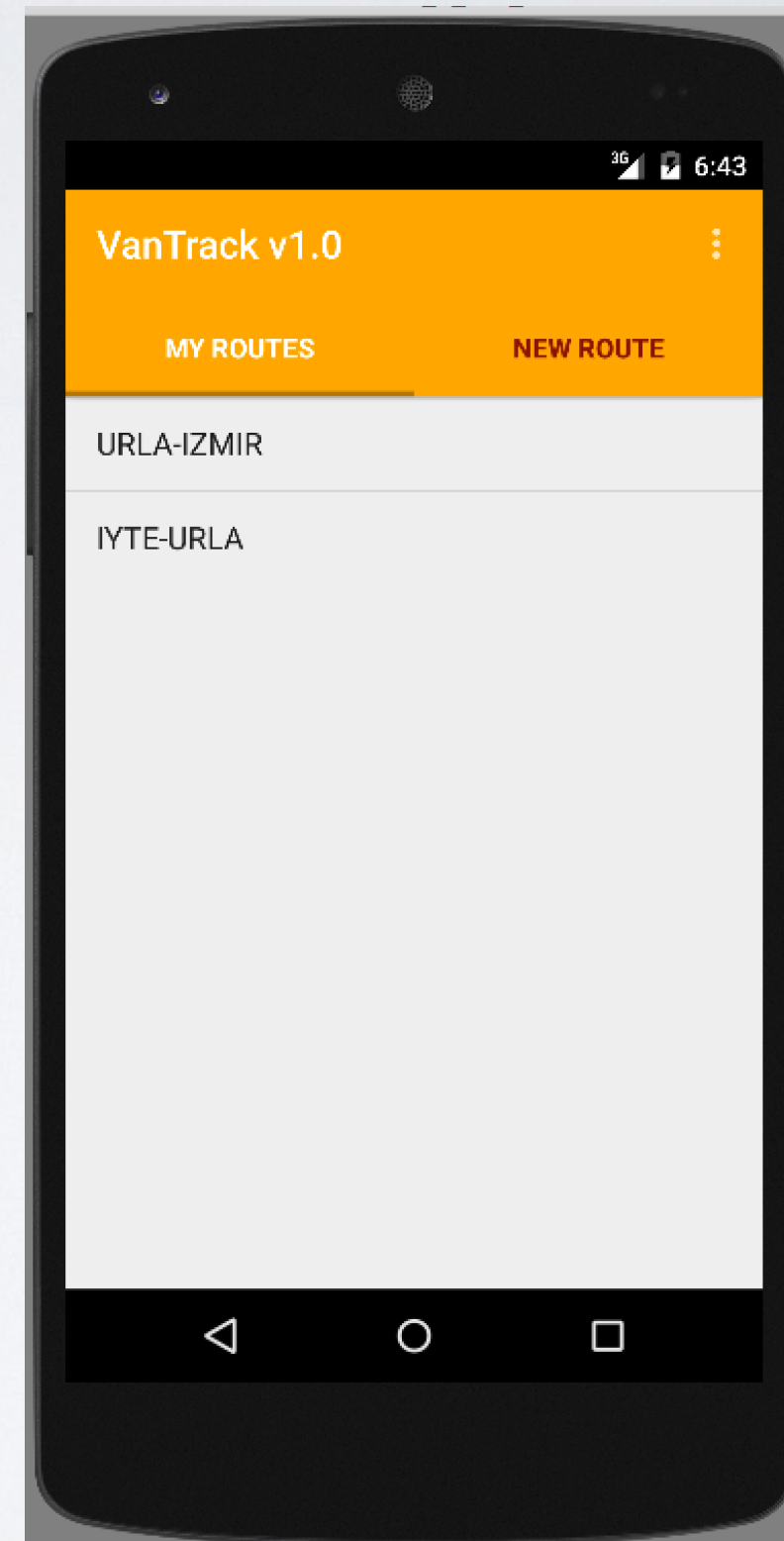
- If user is using the app for the first time and has not selected any route yet, he/she should select a route from the New Route tab.





HOW TO USE VANTRACK

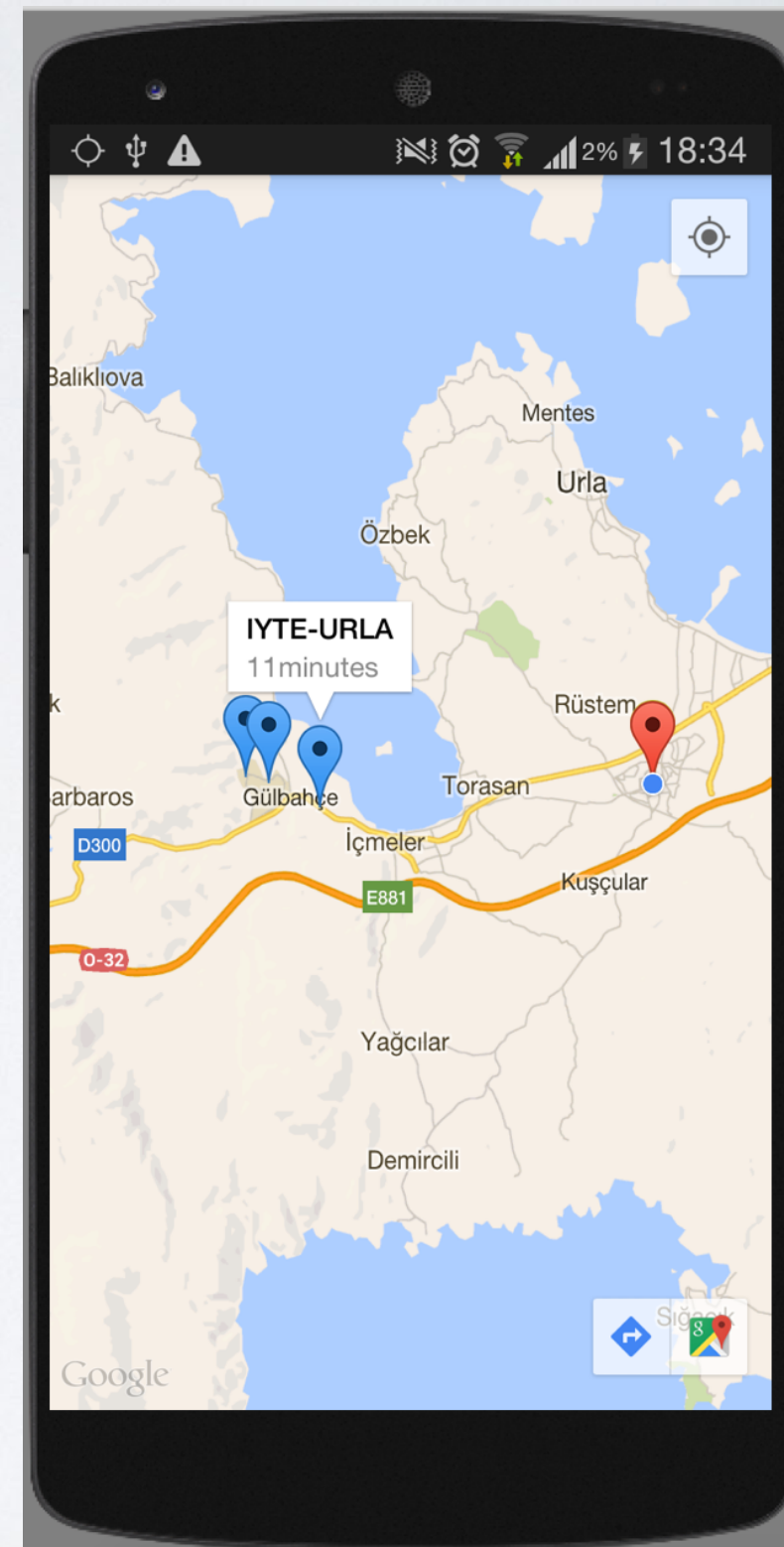
- If user has used the app before, he/she can see the most frequently selected routes in My Routes tab.
- User can select the route they will be going either from My Routes tab, or if it is a new route from New Routes tab.





HOW TO USE VANTRACK

- This a scenario where the user has selected the route: IYTE-URLA.
- In the map the blue markers show the vans headed to Urla, and the red marker shows the user's location.
- One of the vans was clicked. The estimated time of its arrival to user's location is shown.



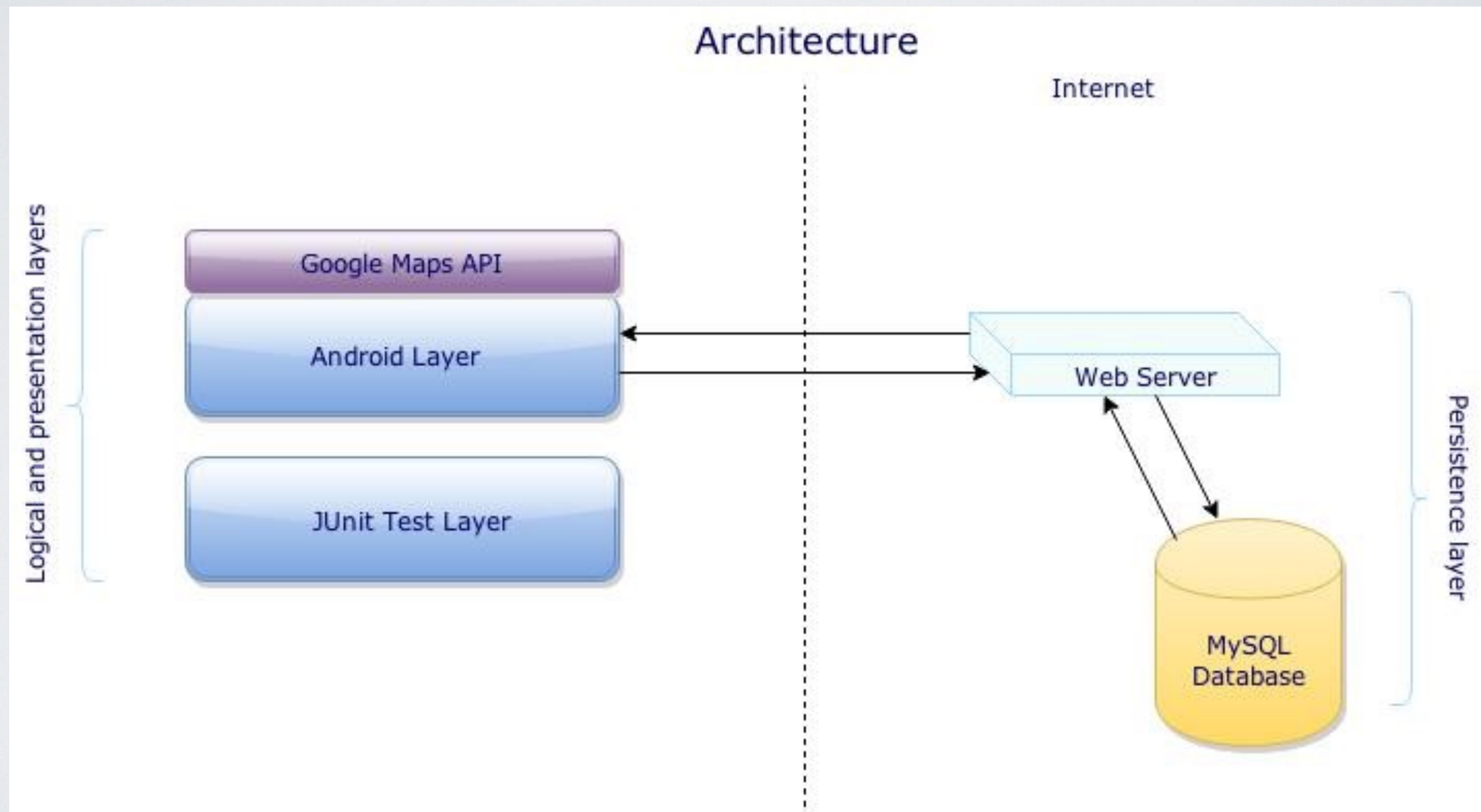


METHODOLOGY

- VanTrack was developed using Scrum.
- In 2 sprints, our team implemented all the items of the product backlog.
- We used MVP (Model-View-Presenter) pattern in our code.



ARCHITECTURE





Yasin Fındık

Zana Buçınca