FIRST SPRINT REVIEW

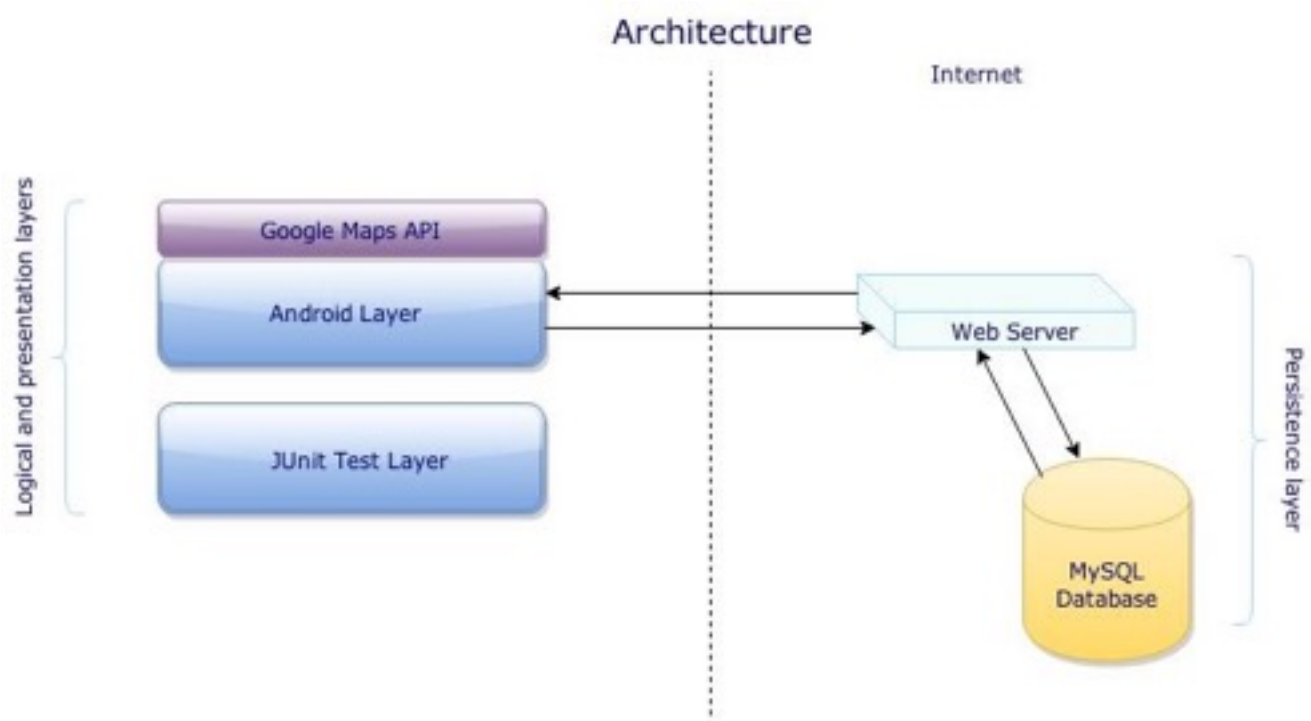
During first sprint, our team created a simple application where user can select the mode to use the application, the route he/she will be going and then the locations of the vans will appear on map.

First sprint was relatively successful, however our team ran out of time for doing the testing. So, apart of the testing which was not realised due to previous underestimation of the hours of effort for some of the user stories, our team accomplished all the user stories assigned in the first sprint backlog. The sprint burndown chart shows a relatively good keep up with the actual plan.

TECHNOLOGY STACK

- VanTrack is a mobile application for Android.
- Google Maps API is used for showing locations.
- The code is written in Android Studio environment.
- Remote MySQL database hosted by findik.se server is used for saving the locations.
- PHP Scripts are written for database queries.
- JSON formatting is used for HTTP requests.
- Testing will be implemented using JUnit and Android Instrument Tests

Note: Application works only in real devices, due to emulator's limitations regarding the location 'perception'.



User story	Associated theme	Story Points	Business Value	Will be in Sprint 2	Done
- As a user, I want to see my current location on the map.	Map appearance	2	20		√
- As a user, I want to select the route I want to take.	Route selection	2	20		√
- As a user I want to see the vans which go to my destination, locations on map, so that I can see which one is closer to my location.	Map appearance	7	20		√
- As a user, I want to be able to discern van drivers and regular application users on map, so that I can easily see which vans are close to my location.	Map appearance	1	12	√	
- As a driver user, I want to select which route I will be driving.	Route selection	2	20		√
- As a user, I want to know the estimated time a specific van will come, so that I can manage my time accordingly.	Arrival estimation	7	20	√	
- As a user, I want my frequently used routes to be saved, so that I do not waste my time reentering them each time I open the application.	User preferences	5	15	√	
- As a driver user, I want to state that I am a van driver, so that the users can discern me from other users.	Modes of usage	1	10		√
- As a user, I want to state that I am a regular application user, so that the other users do not get confused.	Modes of usage	1	10		√
- As a user, I want to be asked if I want to share my location with other users.	Privacy	2	15	√	
- As a driver user, I want to set my GPS off after my working hours, so that I will have privacy.	Privacy	1	8	√	
- As a user, I want to be asked if I want to open my application while I am on 3G.	User preferences	2	5	√	

Note: The items of the product backlog, which have √ sign in the 'will be in sprint 2' column are included in the backlog of the second sprint.

SECOND SPRINT PLANNING

SPRINT GOAL

- Discern on map regular users and drivers.
- Save the frequently used routes of user for faster performance.
- Implement ‘boarders’ to respect the privacy of the users.

PSI

The users will be able to select which mode they are going to use the application; regular user or driver user. Afterwards the most frequently used routes by the user will be displayed. The user can either select one of those or another route. Having selected the route, the map will show in different colours the locations of the driver users and regular users. On map will be shown only the drivers that are driving the same route the user has selected. An estimation of the arrival of the closest van (driver user) will be shown, as well.

MVP

The MVP will be the PSI, but with better graphic design and enhanced performance.

‘DONE’

- All code developed
- All unit tests written and passing
- Map shows correctly the locations
- Application is pushed in GitHub