ID2216 Developing Mobile Applications
Assignment 4 Report

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Assignment 4

App web service

4.1   App web service overview

After we received first feedback from tester for our initial draft of the Android app, we aimed to make it more useful and handy by integrating some web services. We decided to use therefore the Google Maps API, Facebook API and the database technology SQLite.

- The Facebook API was used in order to let users register with their Facebook account in our app, so that they do not necessarily need an extra account for our app. Furthermore, the Facebook API enables us to integrate in the future more and better personalized services for the user.

- In order to display the location of the pick up place in a more convenient way, we make use of Google Maps API, so that the user can see where on the map the pick up place is located.

- To store our data in a managable and clear manner, we use SQLite which is a database API optimised for Android applications.

4.2   Developing tools

4.3   Feedback

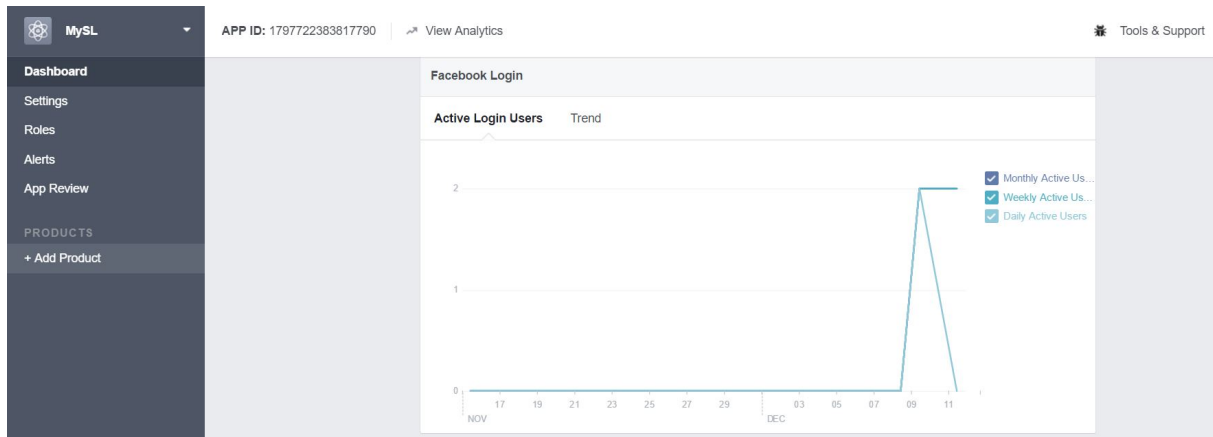## 4.4   Conclusion and outlook

Appendix A

Figures

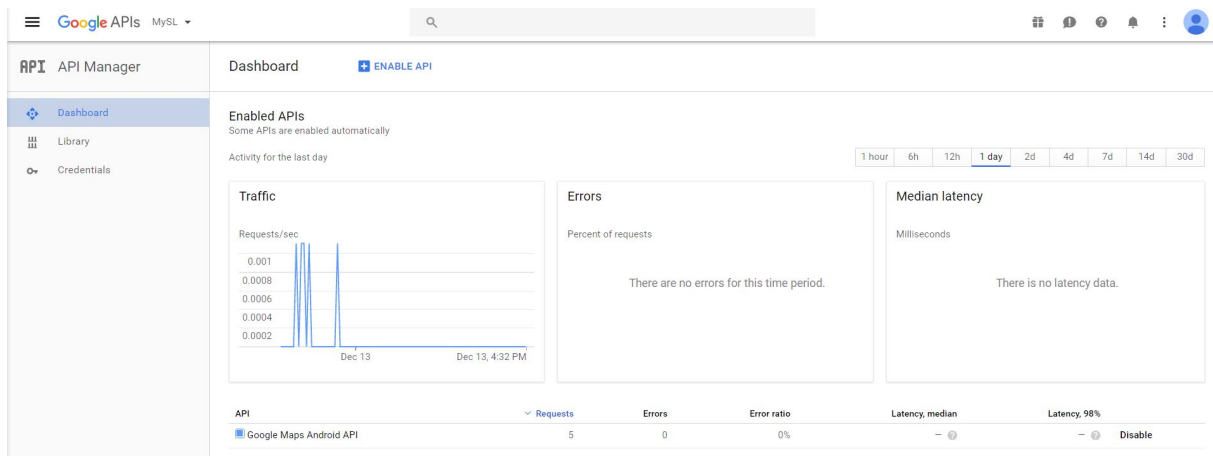Figure A.1: Facebook developers dashboard website

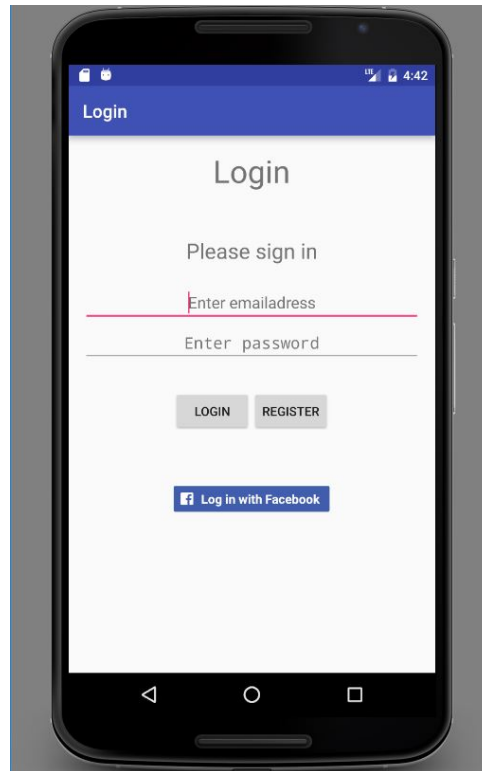Figure A.2: Google developers dashboard website

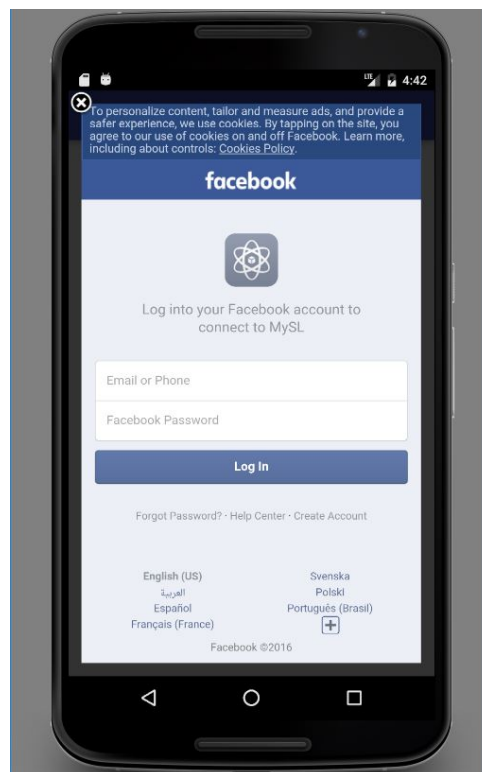Figure A.3: Login view with Facebook login button

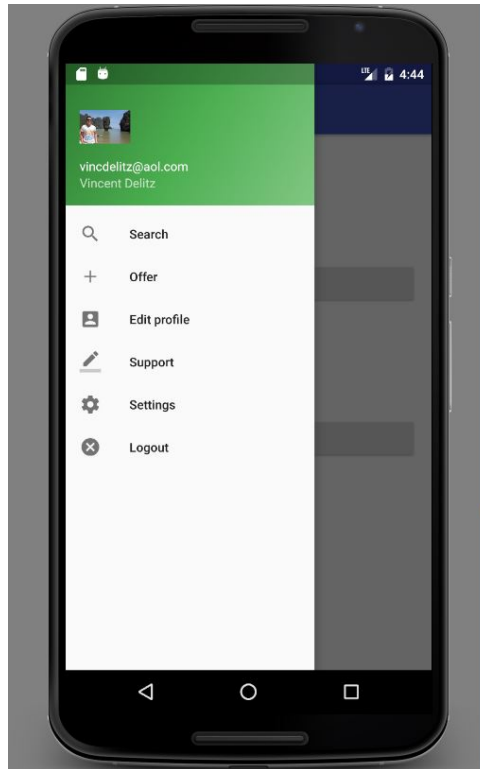Figure A.4: Integrated facebook login view

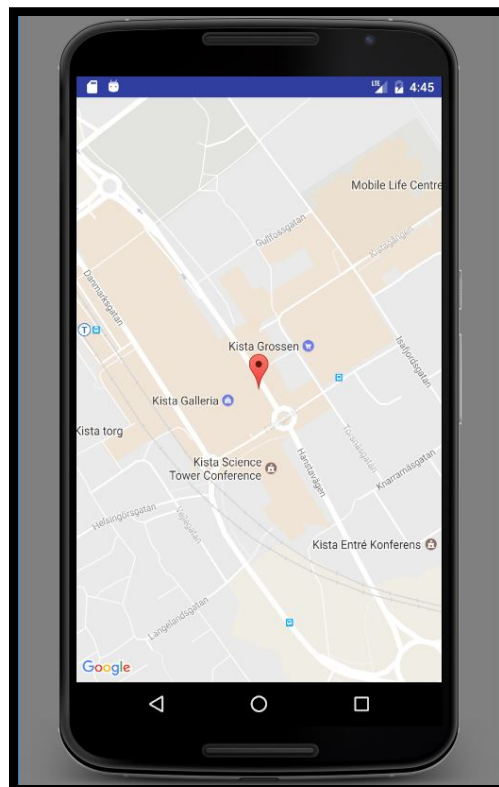Figure A.5: Pulled Facebook data and profile picture in the navigation drawer

Figure A.6: Integrated Google Maps for the pick up place