





Uniköde

Final Presentation

by Lukas Haack and Alexander Volkmann



Table of Content

- Application
 - Our Idea
 - Demo
- Concepts
 - Context Features
 - Adaption Mechanisms
- Components
- Technologies and Architecture
- Summary
 - Lessons Learned
 - Future Outlook



CONNECTING **STUDENTS**

UniMate helps you to find other students who are working on the same subject as you.



Find learn
groups

Meet
again

**UNI
MATE**

Come
together

Share media
and files



OUR IDEA



Tell us which lectures
you are interested in.



Get live data about
events near you.



Get up and learn!

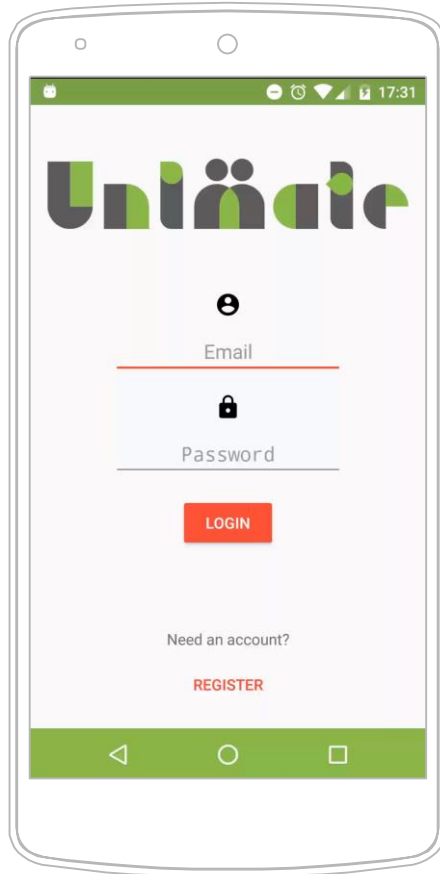
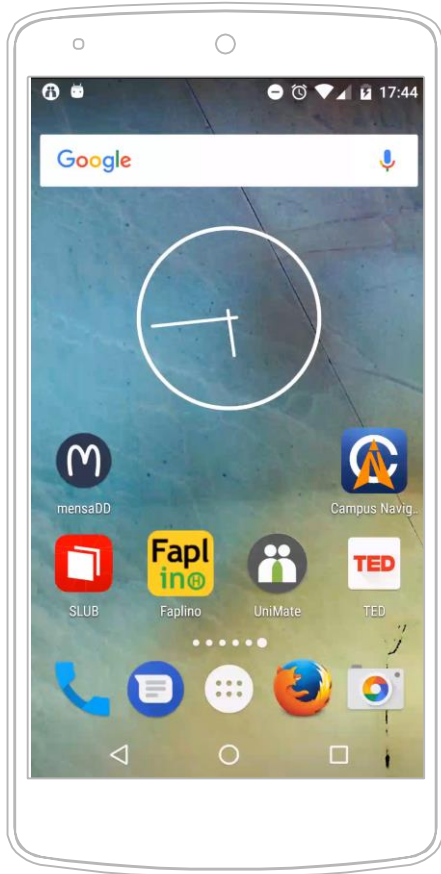


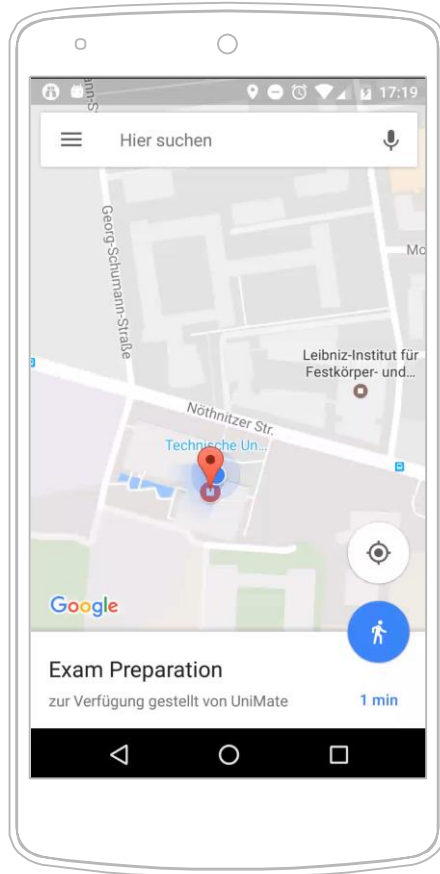
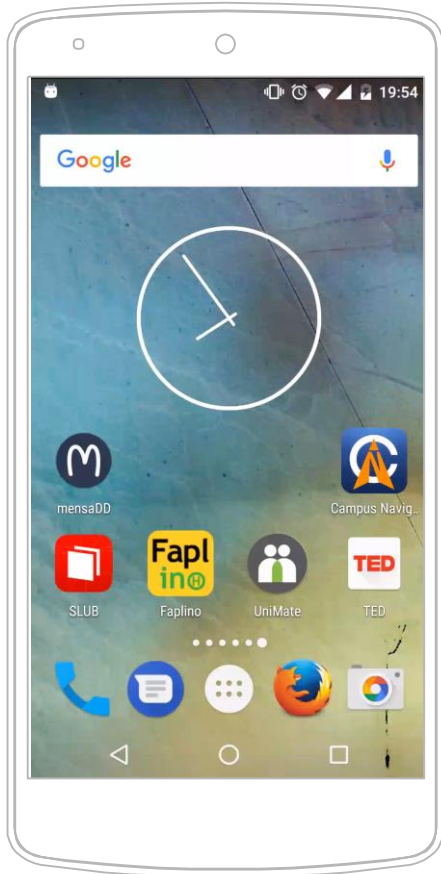
HOW IT WORKS

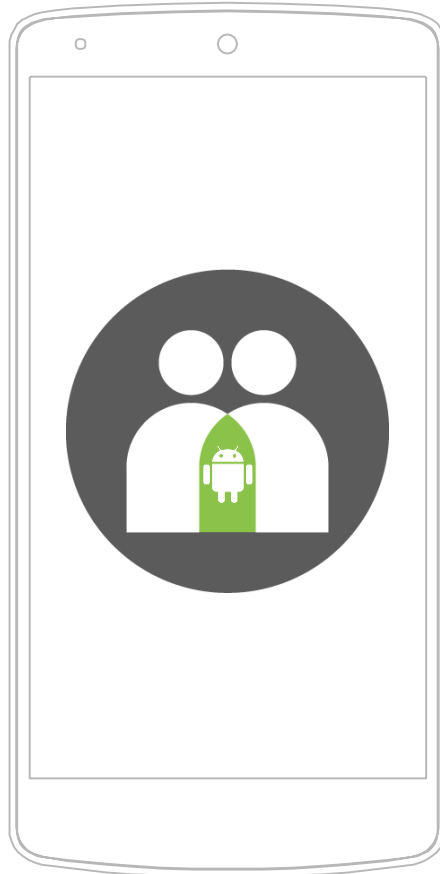
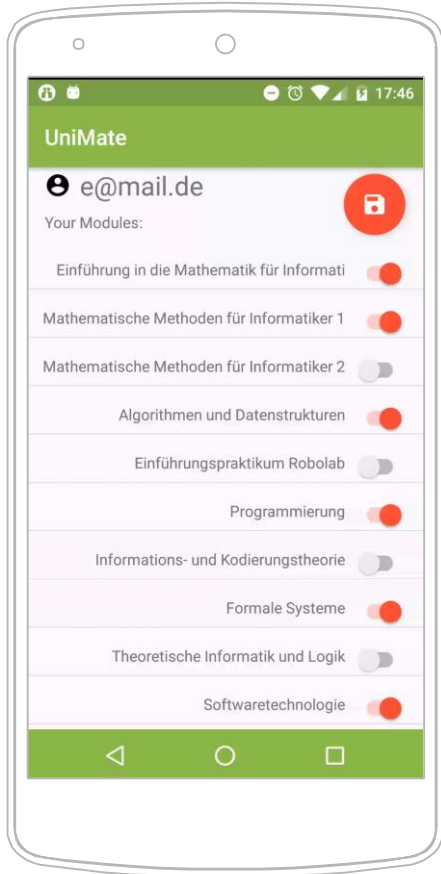


1.

APPLICATION DEMO









2.

BASIC CONCEPTS

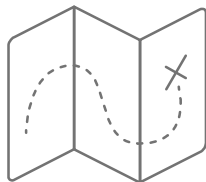


CONTEXT FEATURES



Time

It's hard to keep track of all your meetups and groups. UniMate helps you by setting reminders and informing you about the time an event is starting or ending.



Distance

Get information about relevant learning sessions that take place right next to you, get navigation to them and receive proposals to join your group when you arrive.



ADAPTION MECHANISMS



GPS

While creating an event the current GPS coordinations is used to show the location of the event on the map.



Usability

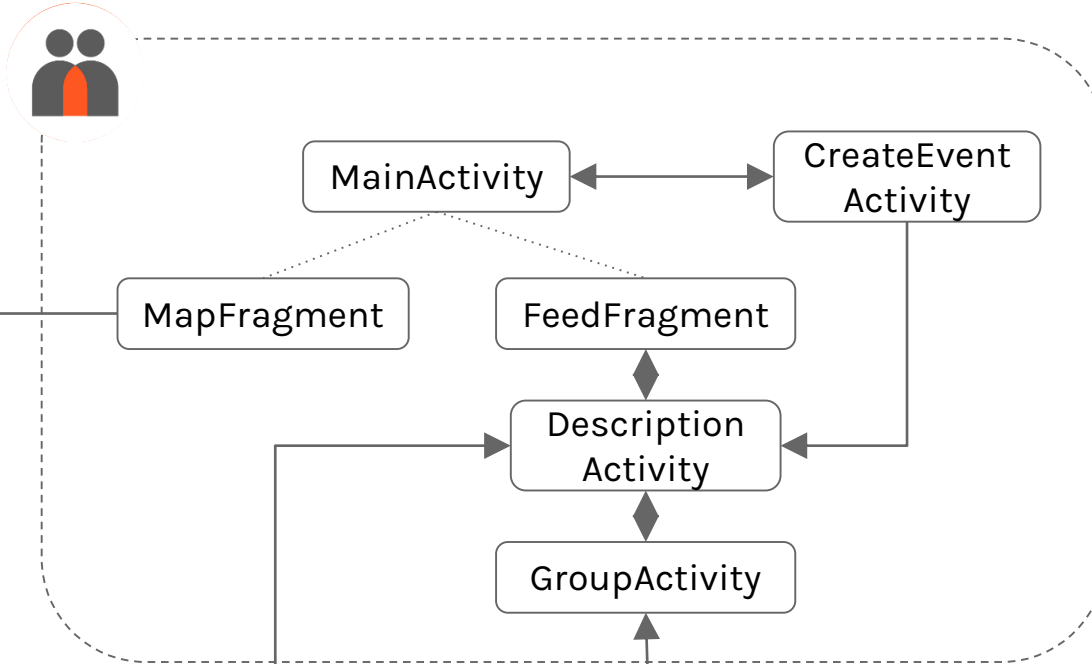
Serving different screen sizes by using the constraint layouts.



3.

Components

COMPONENT STRUCTURE





4. TECHNOLOGIES AND ARCHITECTURE



TECHNOLOGIES



Android Studio

IDE to develop Android Applications.



Firebase

Scaleable, Realtime Database by Google.

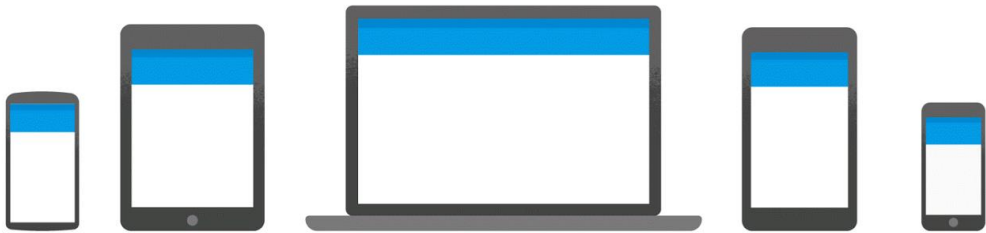


Maps

Maps API by Google to display the map.



ARCHITECTURE





5.

SUMMARY



WHAT HAVE WE LEARNED



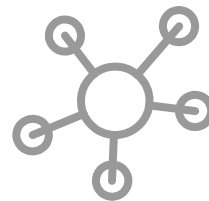
Codemanagment

We learned to manage our code via Github.



Android

We learned how android applications are structured and built our first own app.



Concepts

We learned about concepts that make modern apps adapt to their context.



FUTURE OUTLOOK

Testing

Creation of a high test-coverage and start of beta testing with real users



Deployment

Publication of the application via Google Play Store

Extension

Gathering data of other study fields to increase target group



Dynamics

Implementation of functionalities to create dynamic data gathered by the user group

Concept

Collection of new Ideas and user feedback



Implementation

Extension of the application's features to attract new and satisfy existing users



THANK YOU!

Any questions?