



Application Development for Mobile and Ubiquitous Computing

Seminar Task: Second Presentation

Group 9
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Structure

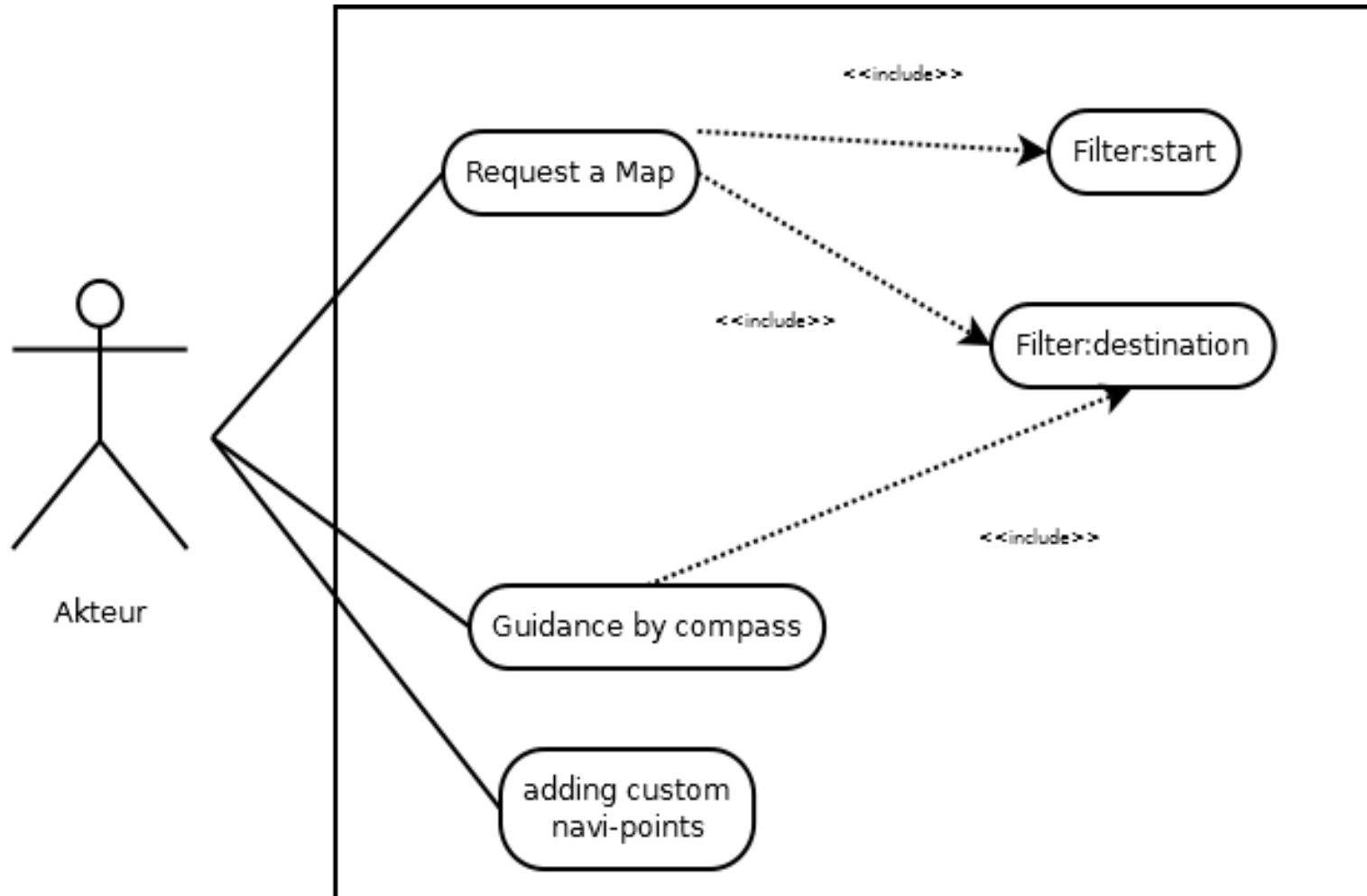
1. *Review*
2. *Current Status*
3. *Further Steps*

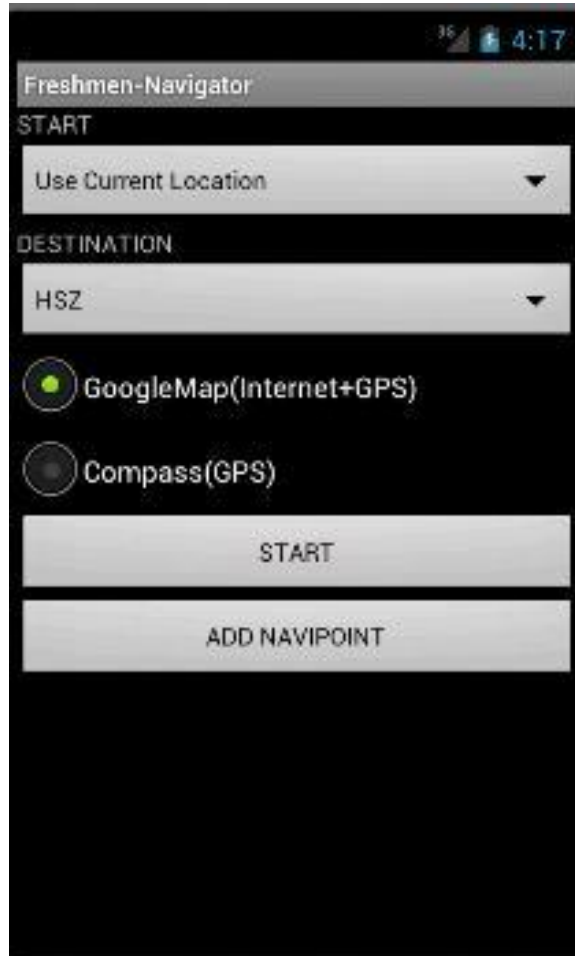


"FreshMenNavigator"

- Idea
 - navigator supporting a freshman using location-based services

- Features
 - user friendly
 - intuitive, simple
 - minimized GUI
 - two ways of navigation
 - different location-determination (GPS, Network)
 - adding custom locations (saved as xml on SDcard)





2. Current Status – Map

3G 3:53


Freshmen-Navigator

Navigating from: Tu Dresden Hörsaalzentrum,
Dresden University of Technology, Bergstraße 64,
01069 Dresden, Germany
Long.: 13.730013 Lat.: 51.028906

Navigating to: Nöthnitzer Straße 46, Dresden
University of Technology, 01187 Dresden, Germany
Long.: 13.722643 Lat.: 51.02587

Distance in km: 0.616

Just move into the following direction:

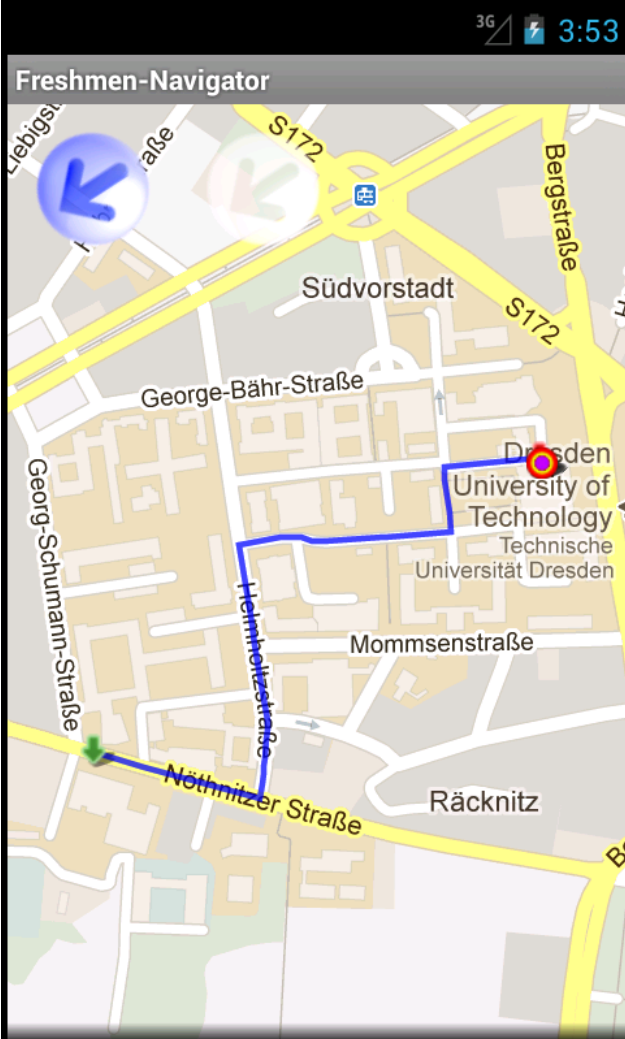


Get view in Google-Map

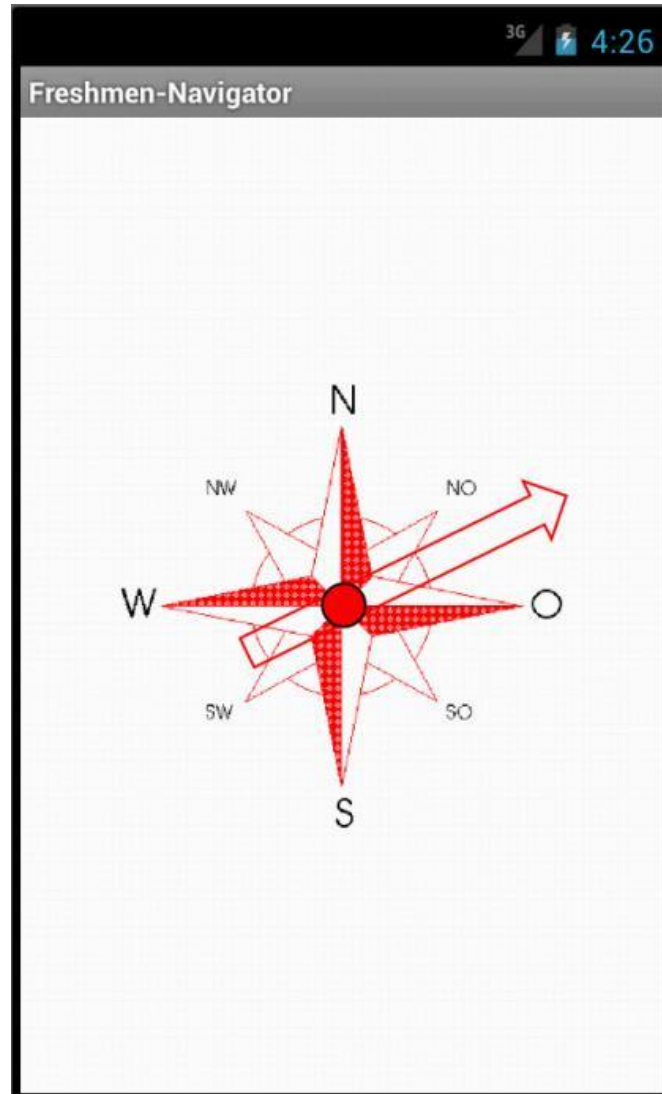


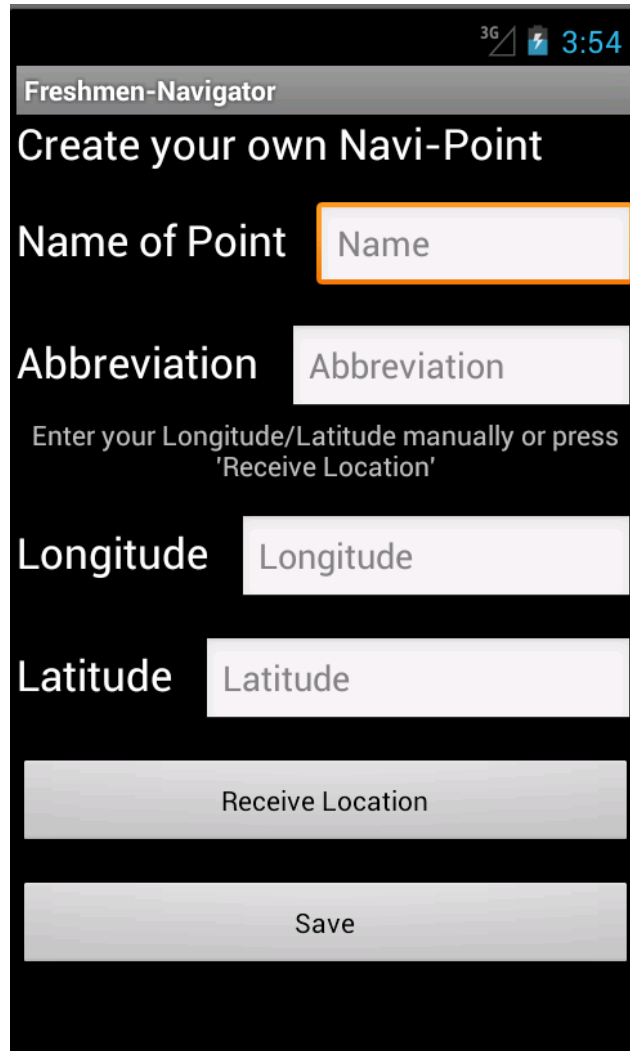
3G 3:53

Freshmen-Navigator



Dresden
University of Technology
Technische
Universität Dresden





The screenshot shows a mobile application interface titled "Freshmen-Navigator" with the subtitle "Create your own Navi-Point". The interface is set against a black background with white text and light gray input fields. At the top right, the status bar shows "3G", a battery icon, and the time "3:54". The main form consists of several input fields: "Name of Point" (with a placeholder "Name" and an orange border), "Abbreviation" (with a placeholder "Abbreviation"), "Longitude" (with a placeholder "Longitude"), and "Latitude" (with a placeholder "Latitude"). Below these fields is a button labeled "Receive Location". At the bottom of the form is a large button labeled "Save".

Freshmen-Navigator

Create your own Navi-Point

Name of Point

Abbreviation

Enter your Longitude/Latitude manually or press
'Receive Location'

Longitude

Latitude

- implement the usage of different location-determination techniques
- increase performance / reduce power-consumption
- enhance GUI

Thank you for your attention!

Any questions?