Application Development for Mobile and Ubiquitous Computing
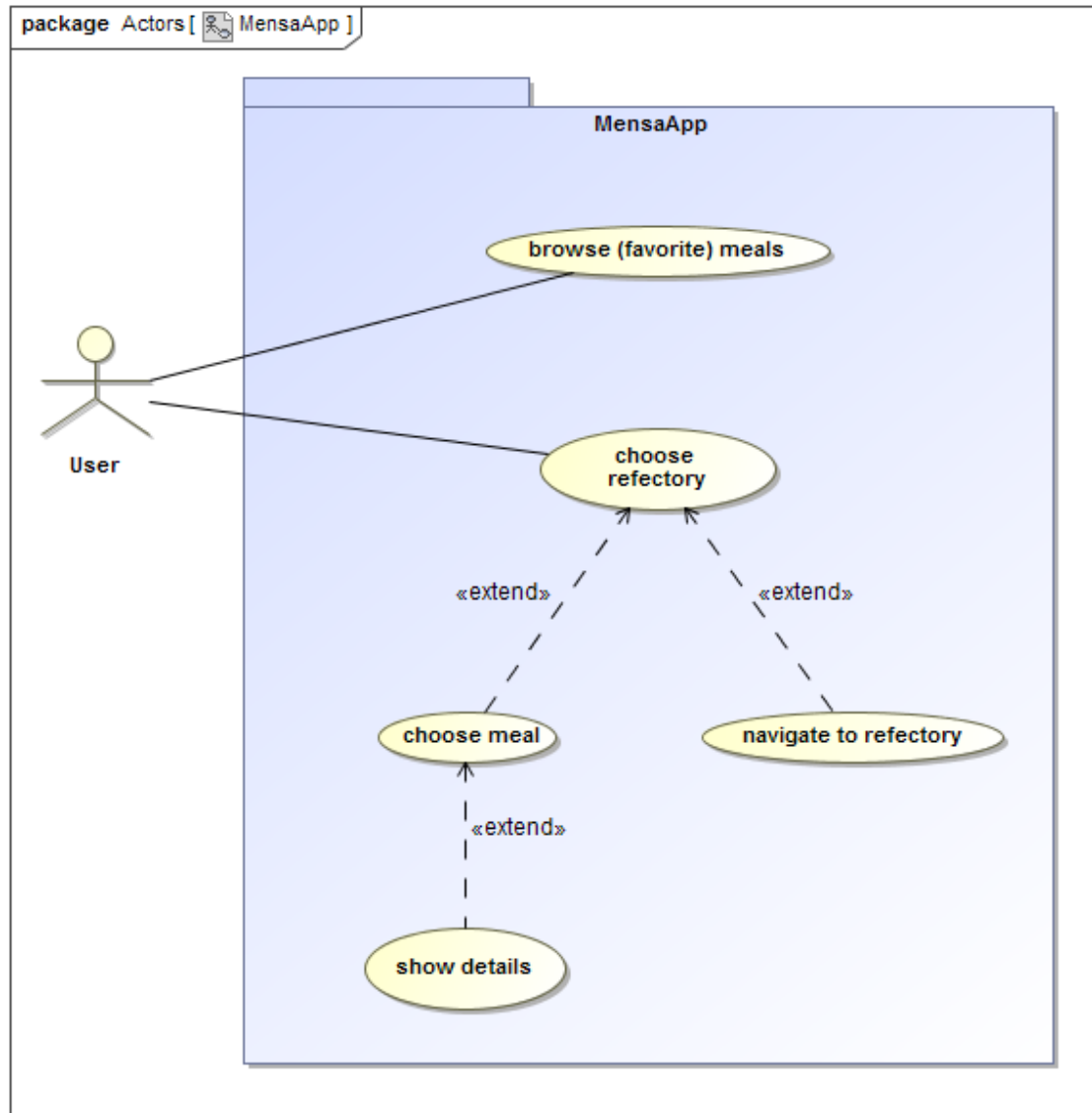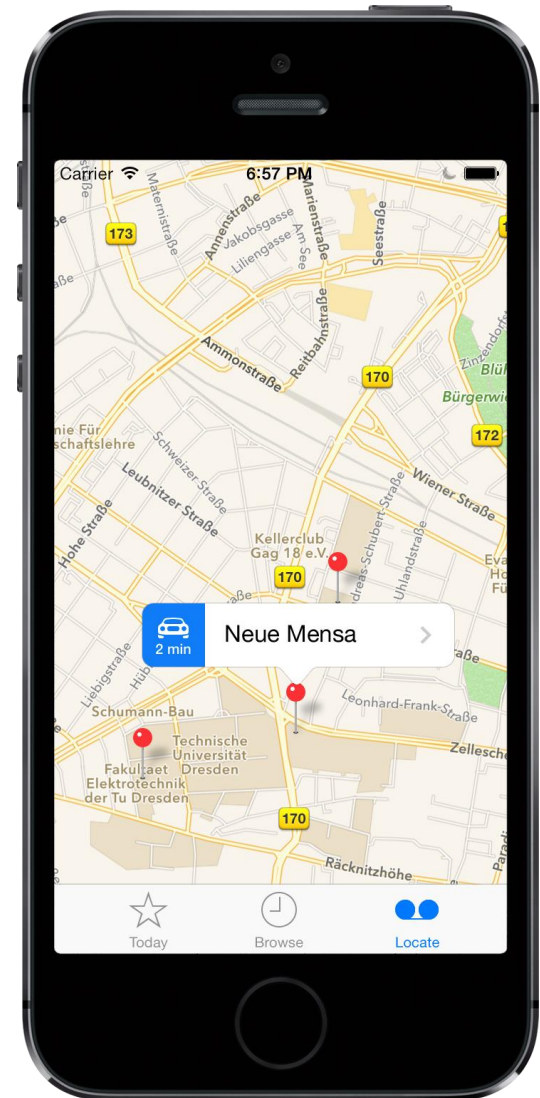
Seminar Task
First Presentation

GroupNo. 13
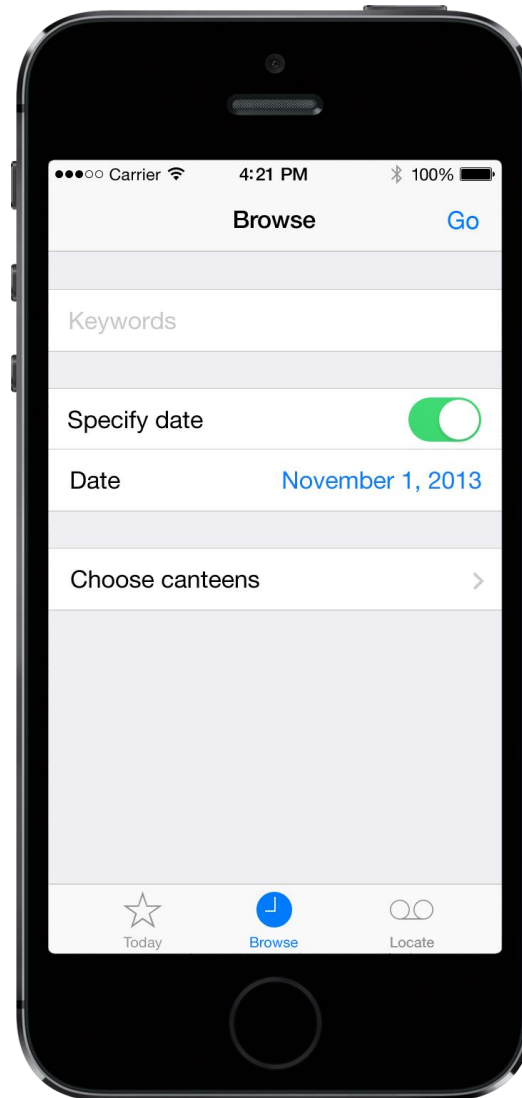Team: Patrick Buchholz and Mikael Reiersølmoen

MensaApp

- App showing up-to-date information about meals in the canteen

- Users can locate the canteens using the built-in map

- Users can search for their favorite meal

- Information is saved on the phone in case there is no internet connection available

- iOS 7
- Core Location framework
- MapKit framework
- HTTP (HTML scraping)
- Core Data for offline saving

- First iOS application
- Objective-C and iOS
- GUI Design
  - Conventional Apple UI elements
  - Simple navigation
- Data scraping from Studentenwerk's website
- Navigation
  - Determine user's location
  - Navigate to the different refectories
- Internet connection

TECHNISCHE UNIVERSITÄT DRESDEN

2013												2014							
Woche 42	Woche 43	Woche 44	Woche 45	Woche 46	Woche 47	Woche 48	Woche 49	Woche 50	Woche 51	Woche 52	Woche 1	Woche 2	Woche 3	Woche 4	Woche 5	Woche 6	Woche 7
14.10.13	21.10.13	28.10.13	04.11.13	11.11.13	18.11.13	25.11.13	02.12.13	09.12.13	16.12.13	23.12.13	30.12.13	06.01.14	13.01.14	20.01.14	27.01.14	03.02.14	10.02.14

- Objectic-C and iOS [28.10.13 - 08.11.13]
- First Prensentation [01.11.13 - 01.11.13]
- Data Scraping [01.11.13 - 15.11.13]
- GUI prototype [01.11.13 - 15.11.13]
- Offline Saving [15.11.13 - 29.11.13]
- Location Tracking [18.11.13 - 06.12.13]
- Calculating Distances [18.11.13 - 06.12.13]
- Navigation [09.12.13 - 20.12.13]
- Second Presentation [20.12.13 - 20.12.13]
- Testing,Bugfixing [23.12.13 - 17.01.14]
- Documentation [06.01.14 - 27.01.14]
- Final Presentation [31.01.14 - 31.01.14]