



Application Development for Mobile and Ubiquitous Computing

Seminar Task First Presentation

GroupNo. 1

Team: Benjamin Kurczyk, Hendrik Thüs

“HVS-App”

- Information about every official Handball League in „Handball Verband Sachsen“ (HVS) is published on one webpage
- Schedules, Tables, Statistics
- Changes will be published there as well



- Old, „Web 1.0“ webpage, difficult to use mobile
- Screen size problems and no additional functionality



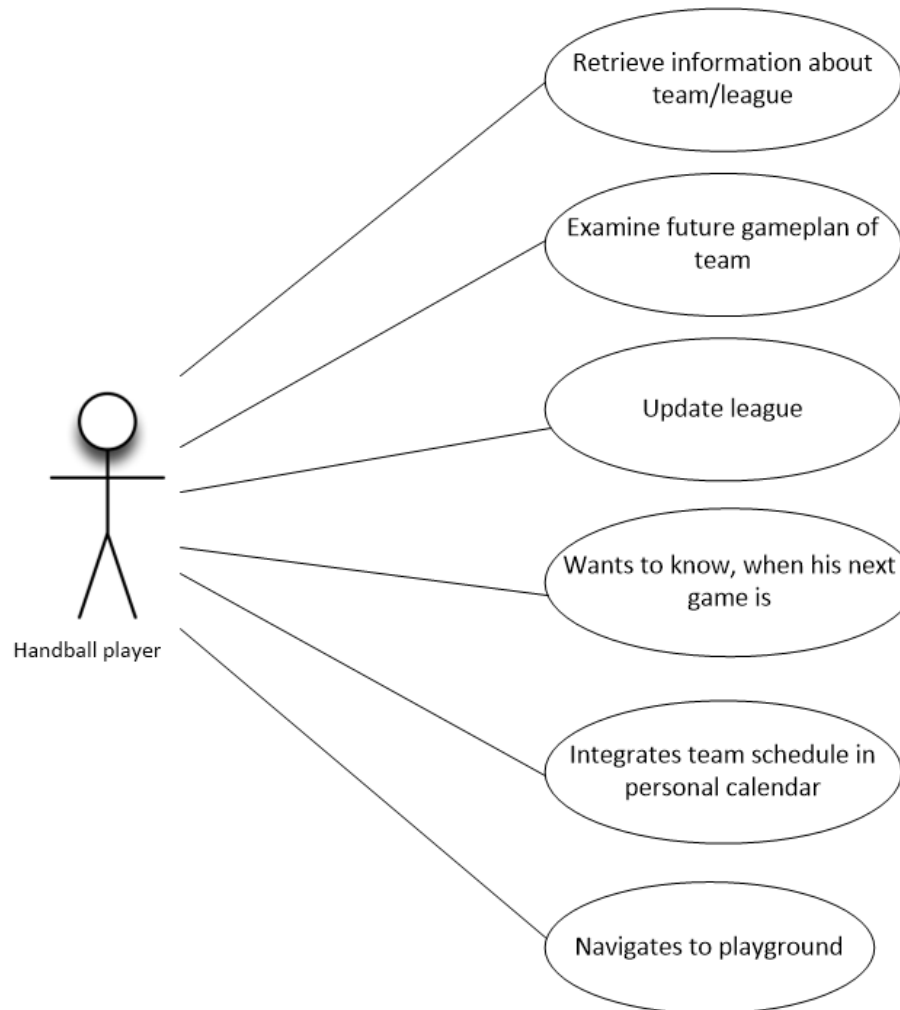
SACHSEN Handball-Verband e.V.

Hauptseite
News
Turniere
Veranstaltungen
Ligen, Pokale
Lehrgänge
Gremien
Vereine
Service
NEU! Jugend
Schiedsrichter
Börse

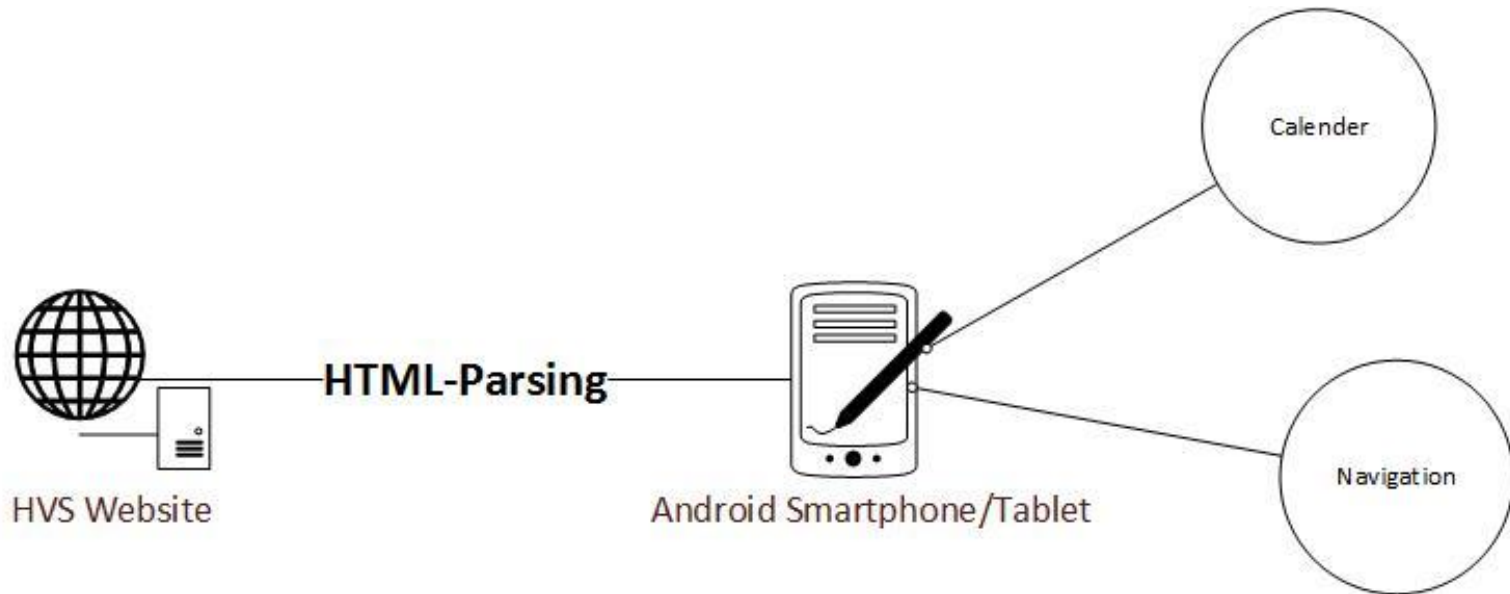
Die Ligen
Klicken sie auf den E

Erwachsene	Sachsenliga	Verbandsliga Staffel Ost
Männer		
Frauen		

Jugend	mJ A	mJ B
Sachsenliga		
Sachsenmeisterschaft		
Pokal		 
Qualifikation 2014/15		  Endrunde   Hoffnungsrunde



- Android
 - Java and XML
 - Manual HTML Parsing (no API available)
 - SQLite for Data Storage
- = Eclipse with Android SDK, Version-Control with Github

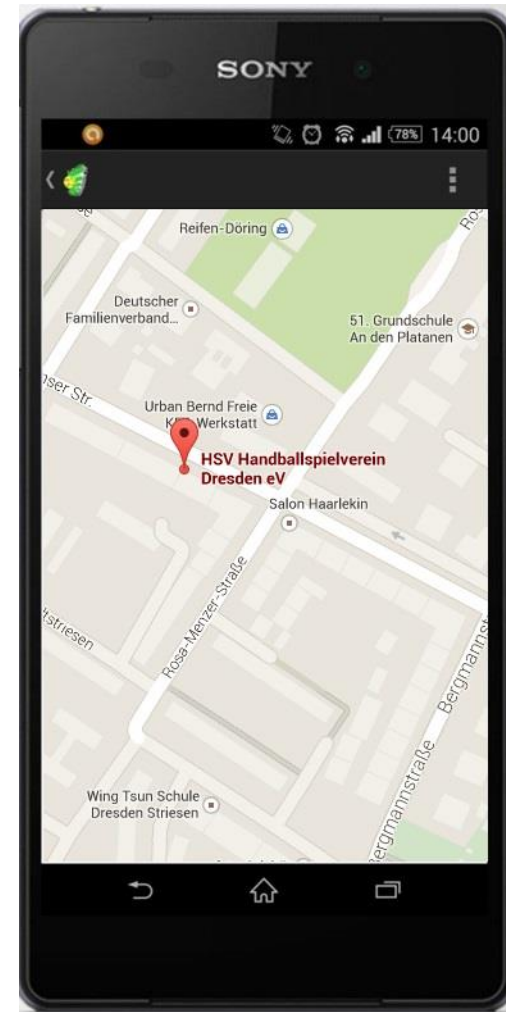
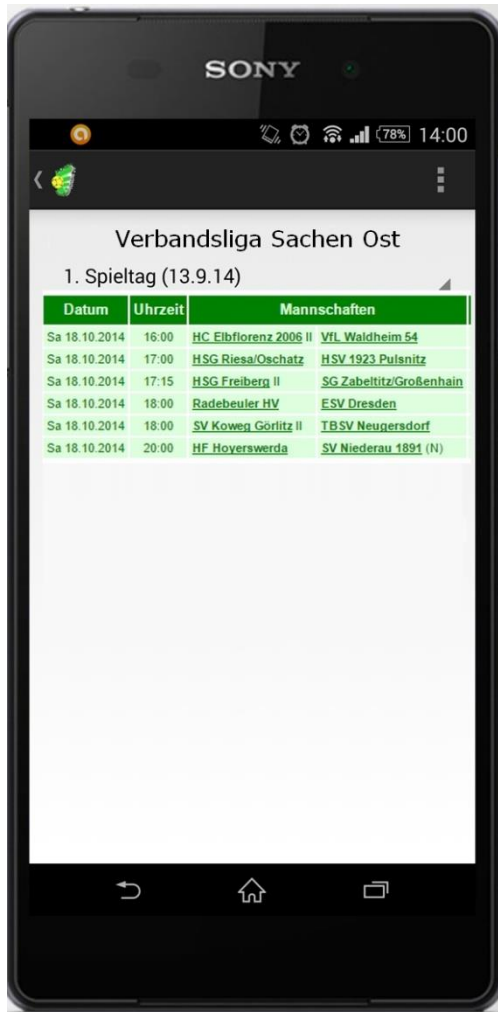


- Efficient HTML Parsing
 - No API for easy communication
 - Need to communicate loading time with user

- Adaption to different screens
 - More than 19.000 different devices with Android¹
 - Need to adapt to different screen sizes and resolutions

- Using location and time context
 - GPS sensor, Google maps and playground location
 - Integration of user calendar

1: http://www.telekom-presse.at/software_apps/android-fragmentierung_waechst_um_60_prozent_auf_rund_19-000_verschiedene_modelle.id.31496.htm



- - 06.11.2014: Finalizing goals and app-concept
- 07.11.2014: First presentation

- 08.11.2014 – 18.12.2014: Developing basic functionalities (HTML parsing, data storage, general user interface) and adaption concept
- 19.12.2014: Second presentation

- 20.12.2014 – 29.01.2015: Implementing adaption concept (context usage, navigation)
- 30.01.2015: Final presentation