

# Forschung live.

15. Oktober 2011

Tag der offenen Tür. Wissenschaft in Garching. www.forschung-garching.de

Android-Praktikum SS11

#### **TUM Campus App für Android**

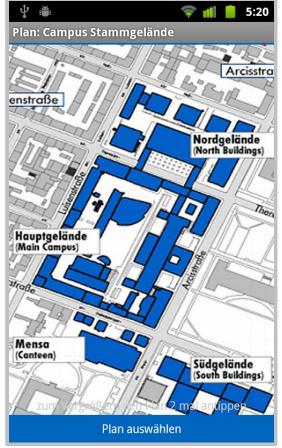
TU Informatik 13, Lehrstuhl für Betriebssysteme Prof. Dr. Uwe Baumgarten, Nils Kannengießer

Thomas Bley, Christoph Richter 15.10.2011



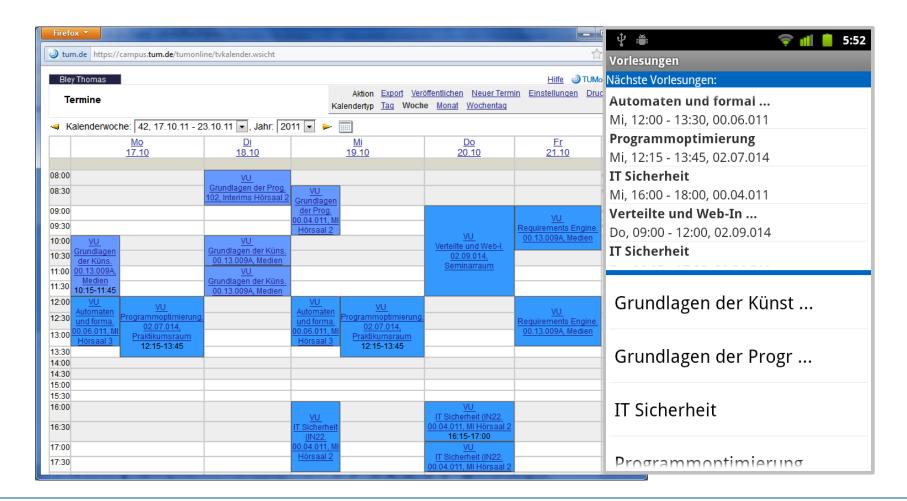
#### **TUM Campus App: GUI**



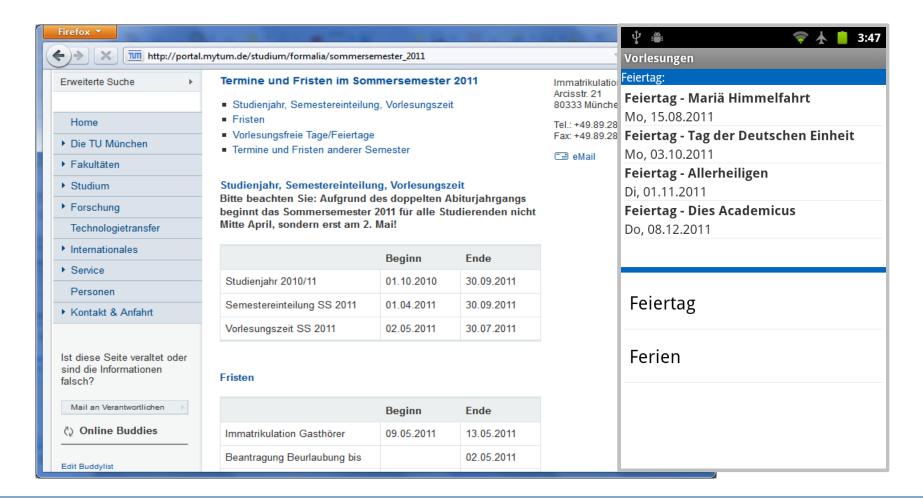




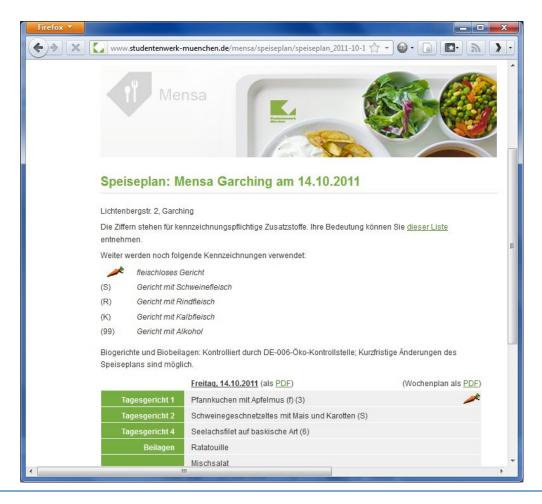
### **TUM Campus App: Vorlesungen**



#### TUM Campus App: Feiertage, Ferien

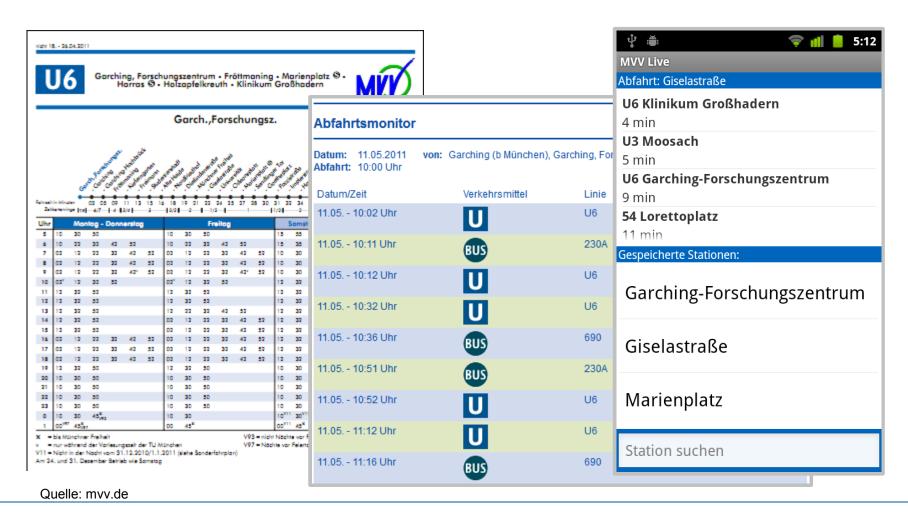


#### TUM Campus App: Speisepläne





#### **TUM Campus App: MVV**

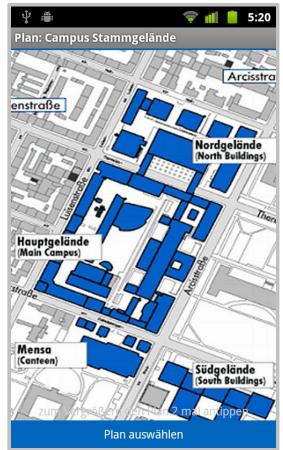


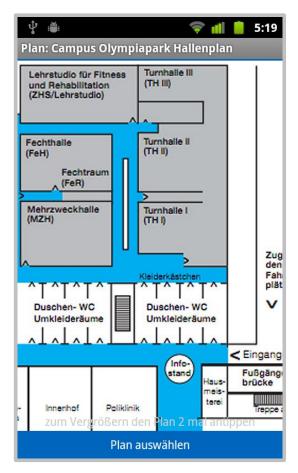
#### **TUM Campus App: Veranstaltungen**



#### TUM Campus App: Umgebungspläne







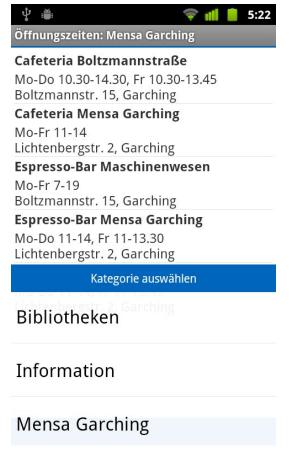
## TUM Campus App: Umgebungspläne #2





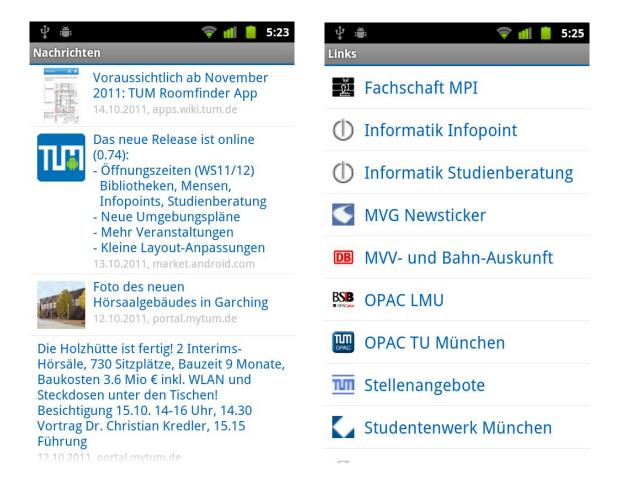
## TUM Campus App: Öffnungszeiten



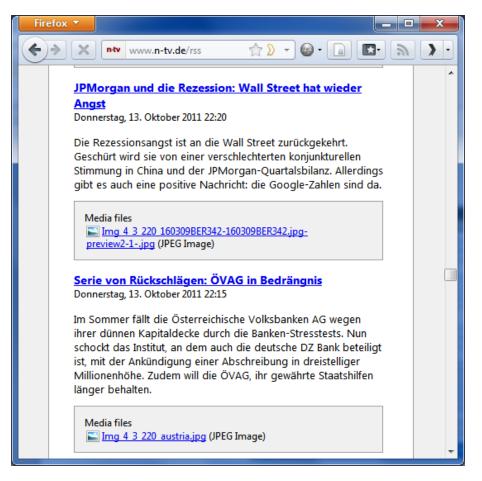




#### **TUM Campus App: Nachrichten & Links**

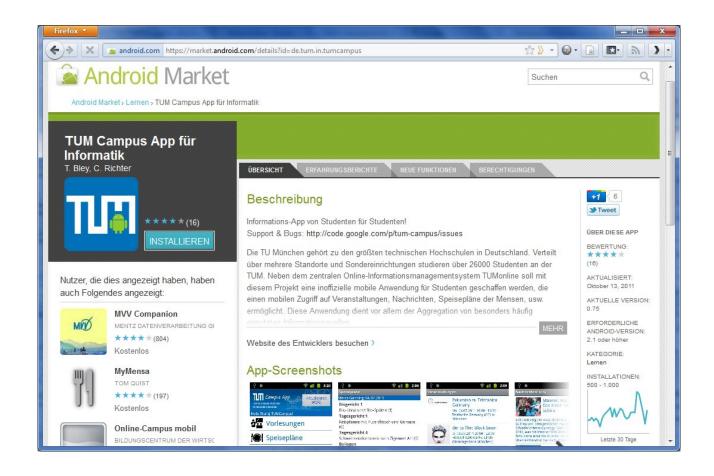


#### **TUM Campus App: RSS-Feeds**





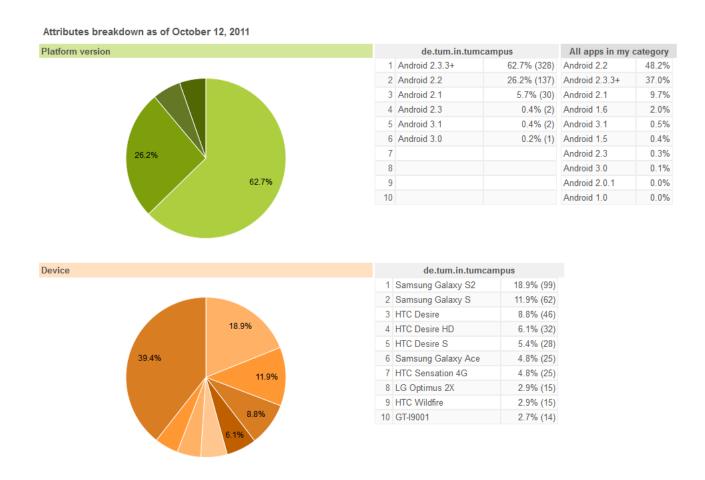
#### **TUM Campus App: Android Market**



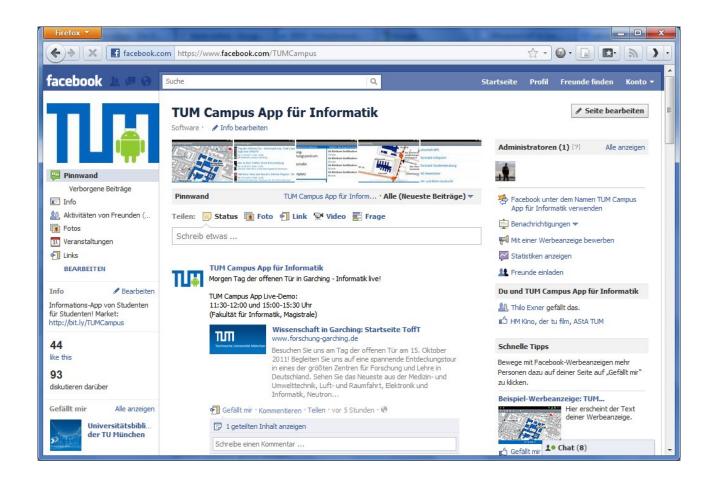
### **TUM Campus App: Android Market #2**



### **TUM Campus App: Android Market #3**



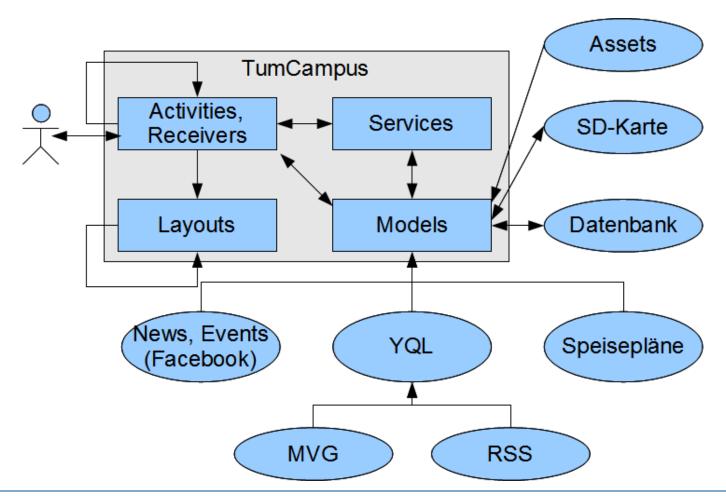
## **TUM Campus App: Facebook**



#### **TUM Campus App: Features**

- Vorlesungstermine, autom. Stummschaltung
- Semestertermine
- Speisepläne
- MVV-Abfahrtszeiten
- allgemeine Nachrichten per RSS-Feeds
- Veranstaltungen (TU Film, Partys, Events, Job-Messen, etc.)
- Umgebungspläne
- Öffnungszeiten (Bibliotheken, Infopoints, Mensen, ...)
- aktuelle Nachrichten
- wichtige Links (Büchereien, Infopoint, Studienberatung, ...)
- Offline-Modus

## **TUM Campus App: Architektur**



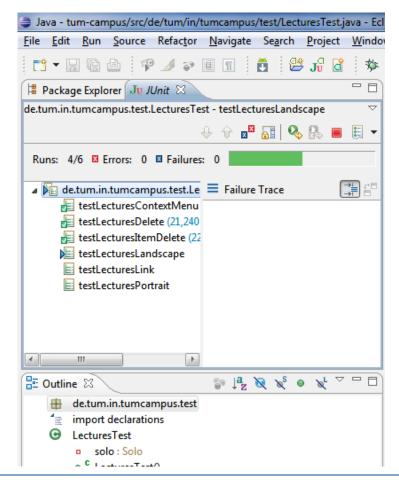
#### **TUM Campus App: Testing**

#### Manuelles Testing

- HTC Google Nexus One
- Samsung Google Nexus S

#### **Automatisiertes Testing**

- Oberflächentests (Robotium)
- Modultests



#### Ausblick auf die Zukunft

- Tablet-Version
- Internationalisierung
- Anpassung an andere Studiengänge
- Integration TUM Roomfinder
- Vorlesungen online suchen, importieren
- Preise für Speisepläne
- Mensa-Bewertungssystem
- Offizielle Version mit TUM Support
- uvm.

#### Vielen Dank für Ihre Aufmerksamkeit!

#### www.facebook.com/TUMCampus

