

Forschung live.

15. Oktober 2011

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

Android-Praktikum SS11

TUM Campus App für Android

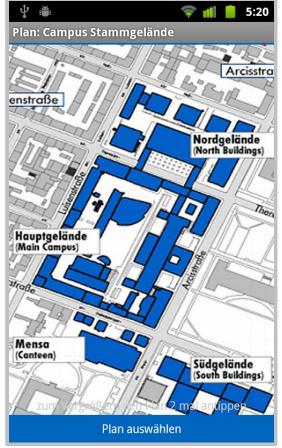
TU Informatik 13, Lehrstuhl für Betriebssysteme Prof. Dr. Uwe Baumgarten, Nils Kannengießer

Thomas Bley, Christoph Richter 15.10.2011



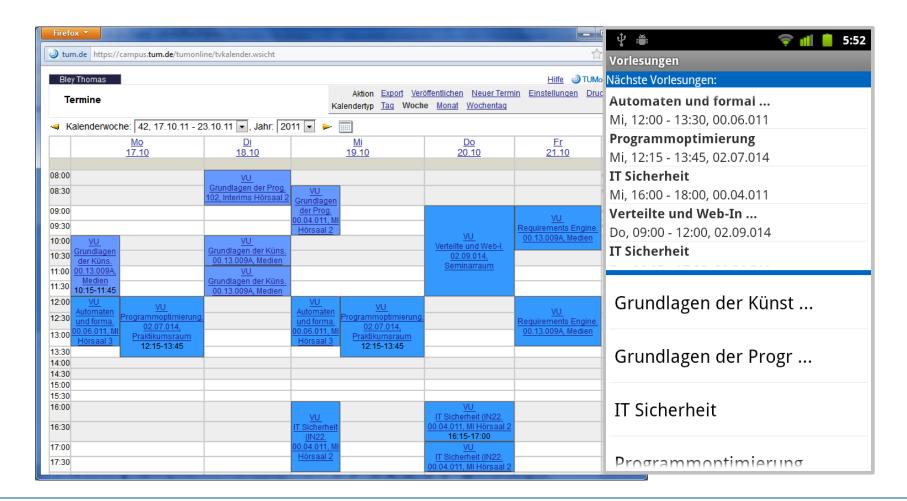
TUM Campus App: GUI



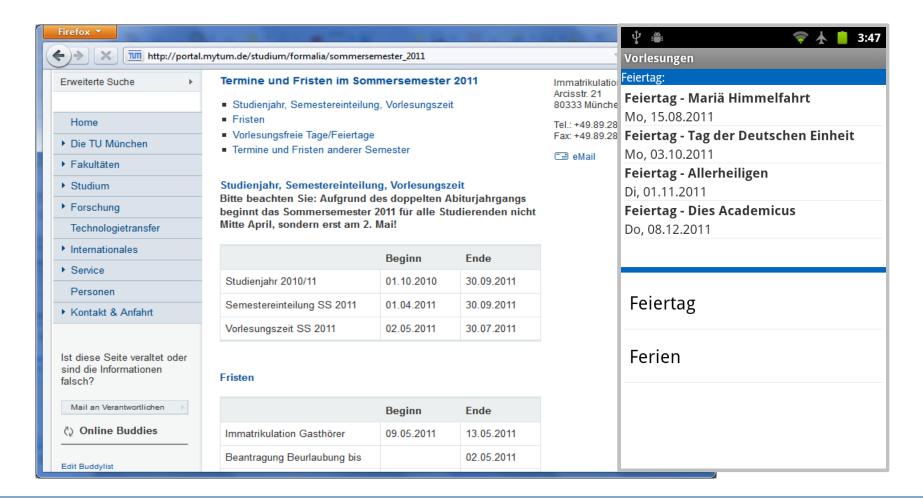




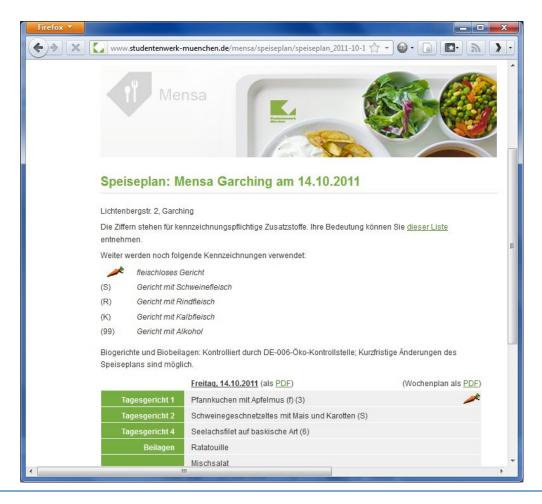
TUM Campus App: Vorlesungen



TUM Campus App: Feiertage, Ferien

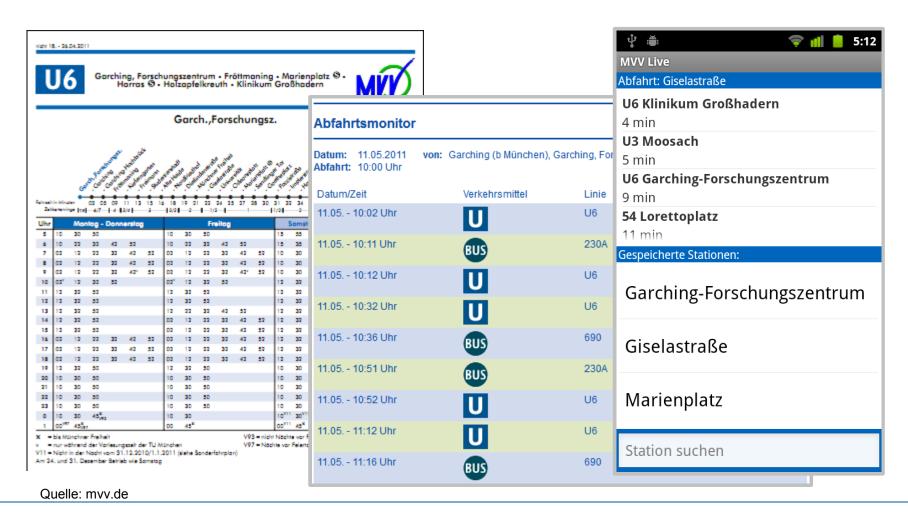


TUM Campus App: Speisepläne





TUM Campus App: MVV

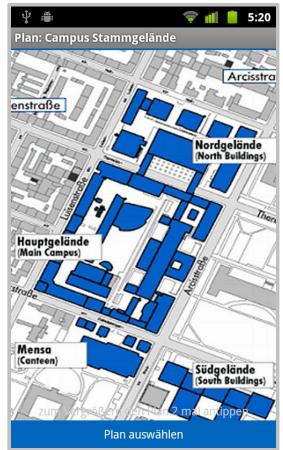


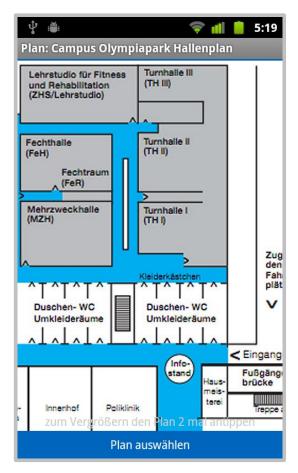
TUM Campus App: Veranstaltungen



TUM Campus App: Umgebungspläne







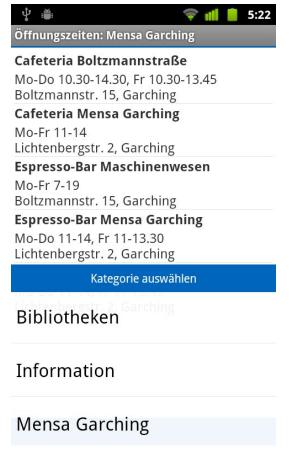
TUM Campus App: Umgebungspläne #2





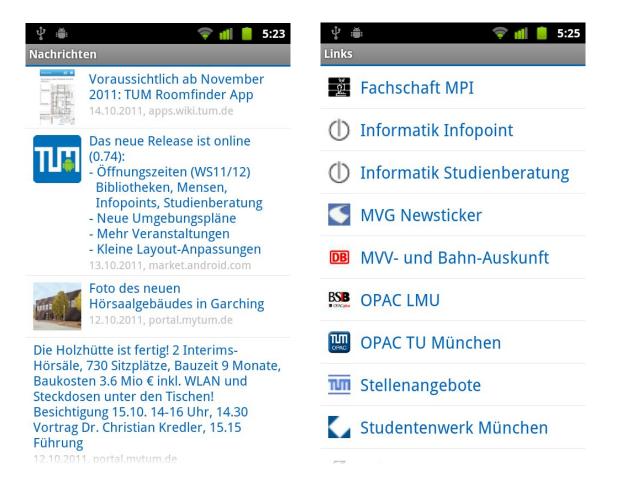
TUM Campus App: Öffnungszeiten



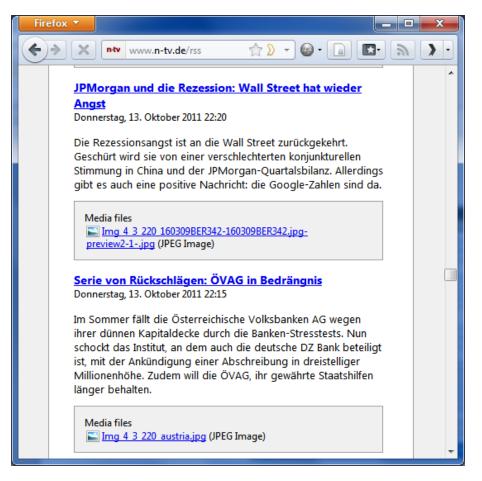




TUM Campus App: Nachrichten & Links

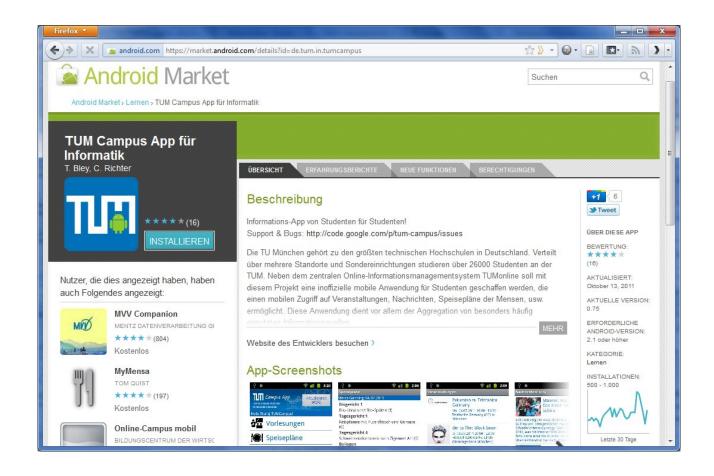


TUM Campus App: RSS-Feeds





TUM Campus App: Android Market



TUM Campus App: Android Market #2



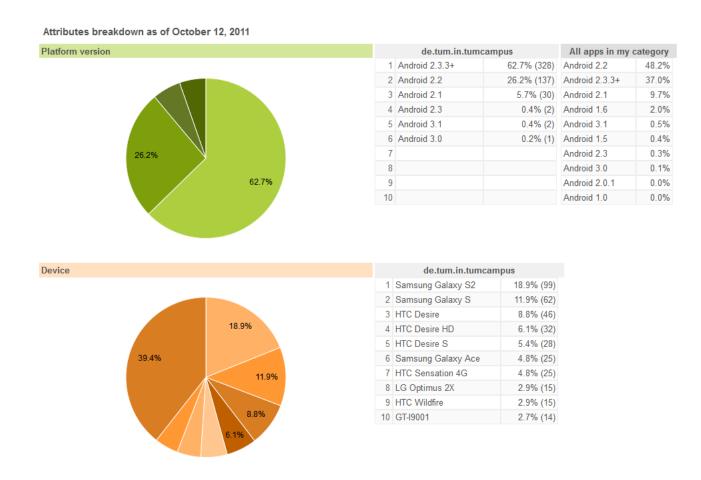
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TUM Campus App: Android Market #3

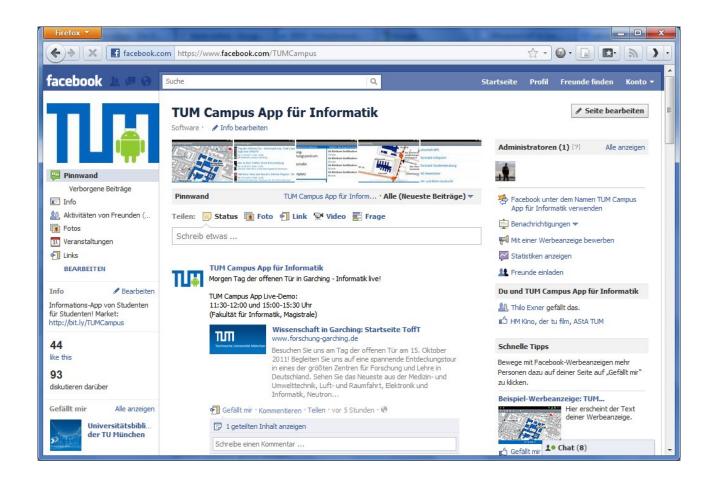


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TUM Campus App: Android Market #4



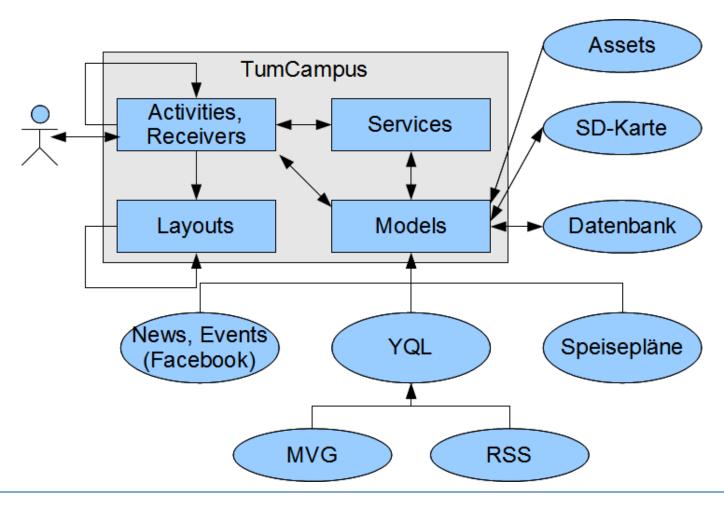
TUM Campus App: Facebook



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



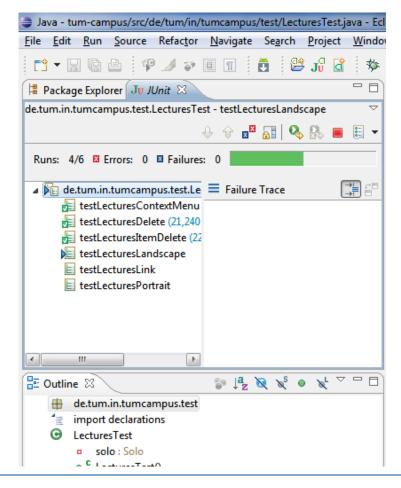
TUM Campus App: Testing

Manuelles Testing

- HTC Google Nexus One
- Samsung Google Nexus S

Automatisiertes Testing

- Oberflächentests (Robotium)
- Modultests



Ausblick auf die Zukunft

- Tablet-Version
- Portierung auf iOS
- 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



Weitere Apps der TUM: apps.wiki.tum.de