



TECHNISCHE
UNIVERSITÄT
DRESDEN

Application Development for Mobile and Ubiquitous Computing

Things

Dresden, 04.11.2016



DRESDEN
concept
Exzellenz aus
Wissenschaft
und Kultur

App Idea

It's 11pm and you are in the mood for chips,
beer or something else?

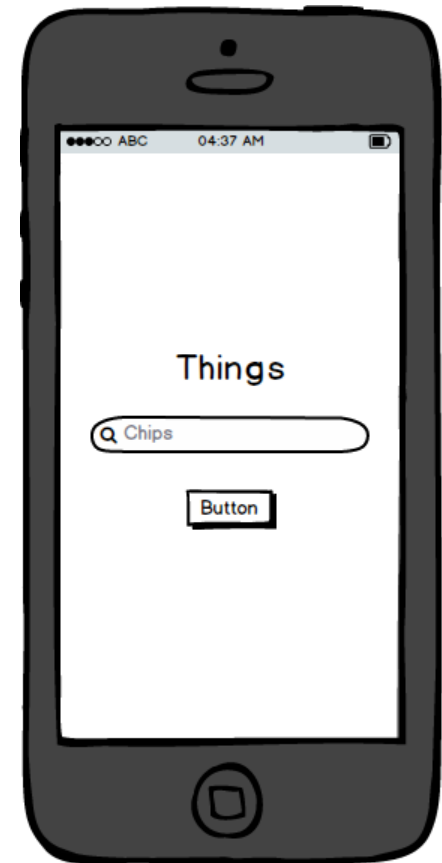
You don't know where you could get it?

Just use „Things“ to find out where to get it.

Mockups

Search Screen:

Search anything that
comes to mind



Mockups

Results Screen:

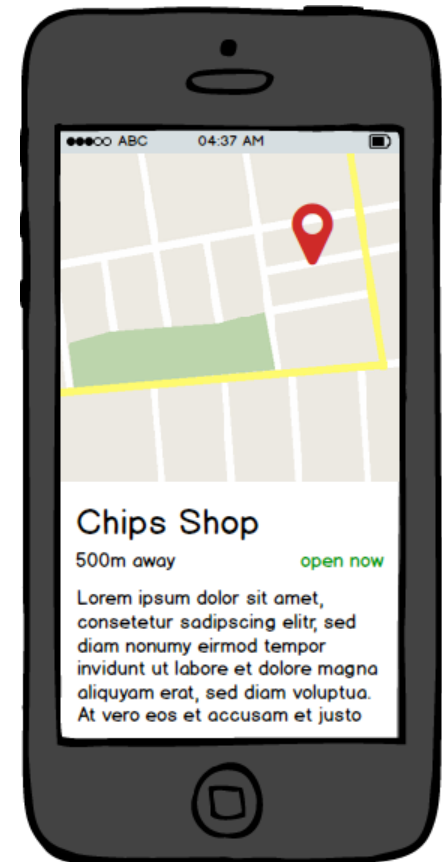
Results are displayed in a table and sorted by distance



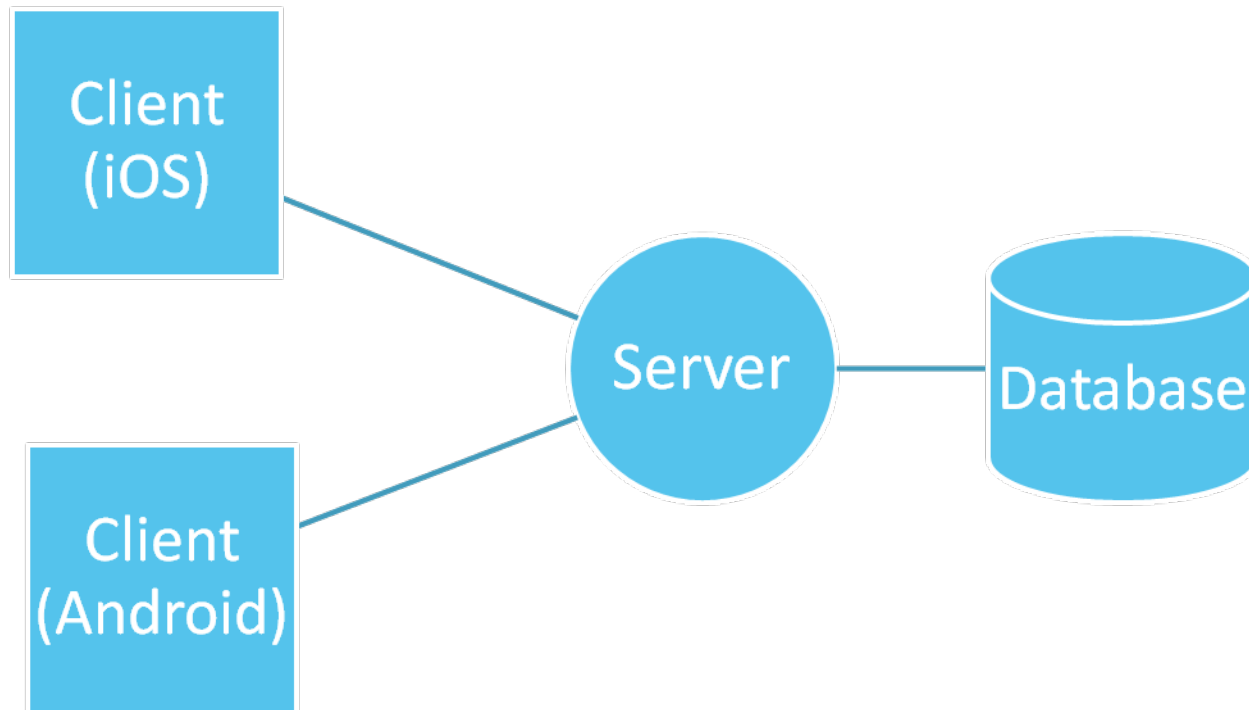
Mockups

Detail Screen:

More information about the shop is displayed



Scenario



Technologies

- Client
 - Android
 - iOS
- Server
 - php RESTful API
 - mySQL

Challenges

- **Clientside**
 - Multiplattform
 - GPS based data evaluation
- **Serverside**
 - Data aquisition

Work Plan

- Today – 01.12.16
 - Implement initial apps and server context
- 01.12.16 – 31.12.16
 - Improve implementations, collect real world data
- 31.12.16 – 27.01.17
 - Bugfixing, additional Features