TECHNISCHE UNIVERSITÄT DRESDEN

Department of Computer Science Institute for System Architecture, Chair for Computer Networks

Application Development for Mobile and Ubiquitous Computing

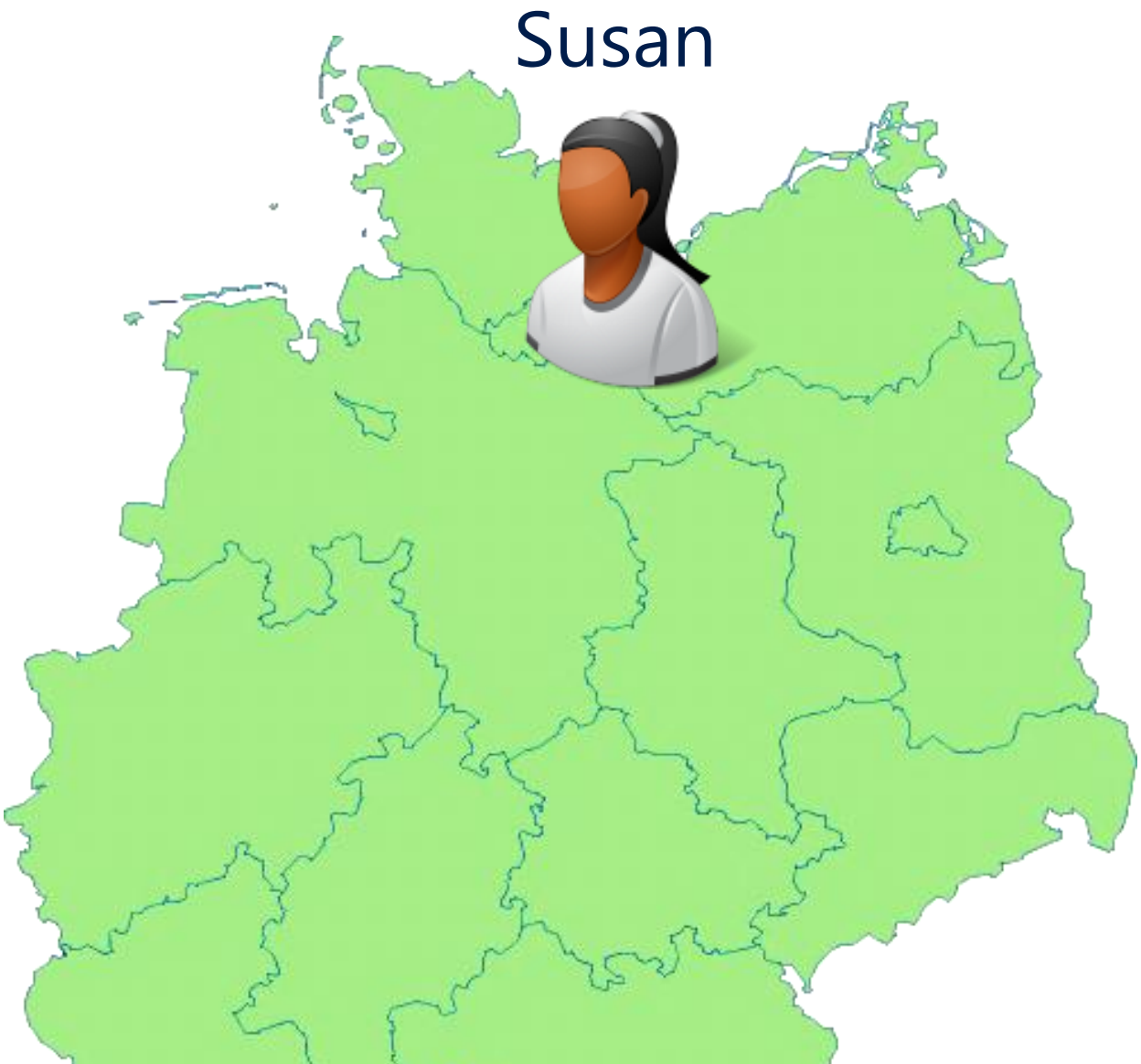
Seminar Task

Second Presentation

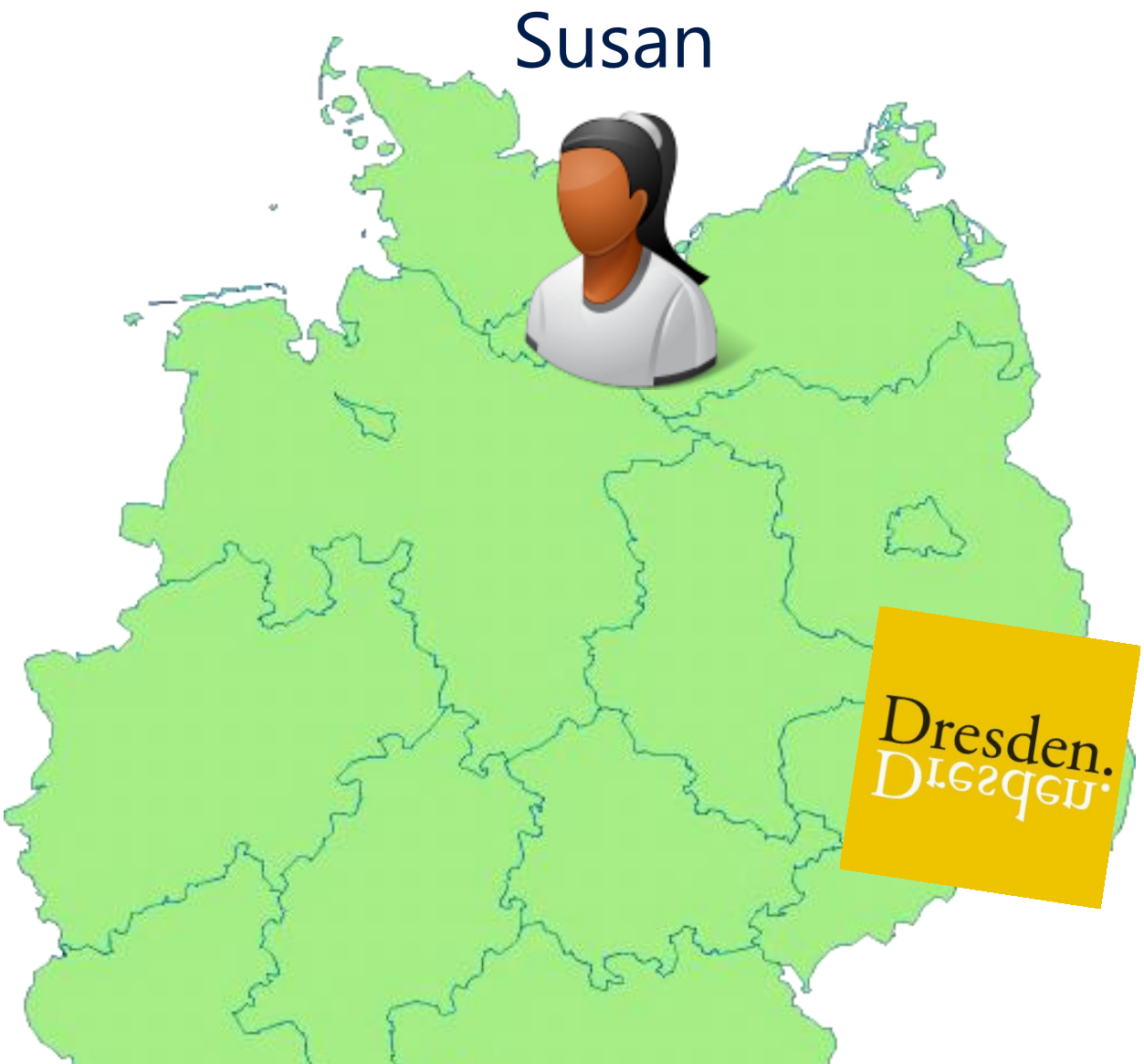
GroupNo. 6

Team: Paula Schöley, Sebastian Müller

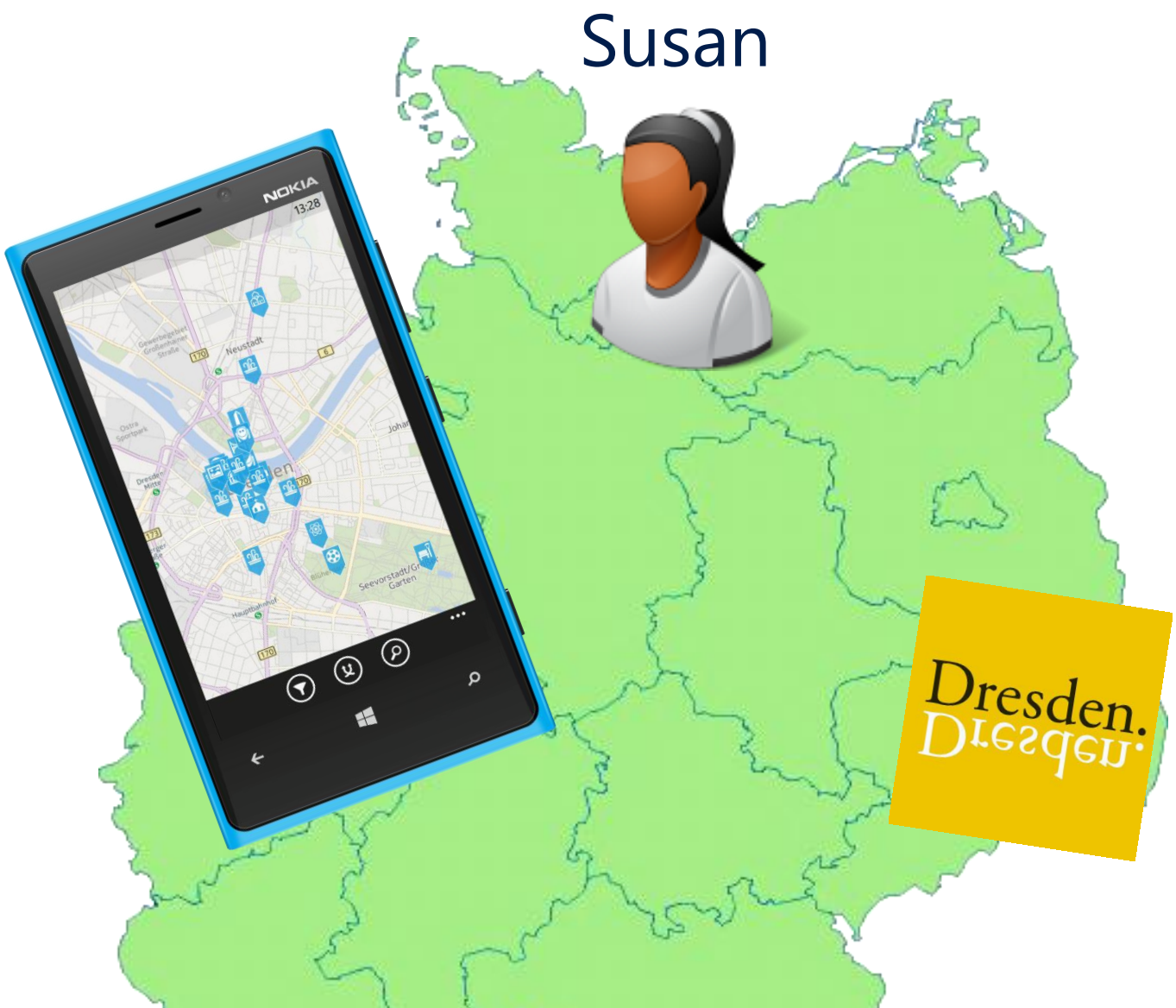
Application Scenario



Application Scenario

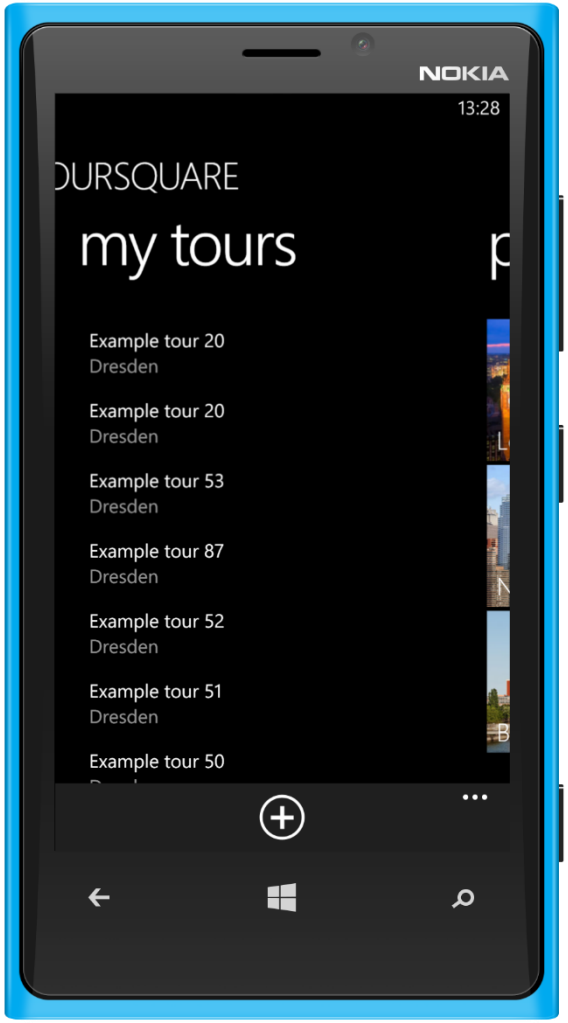


Application Scenario



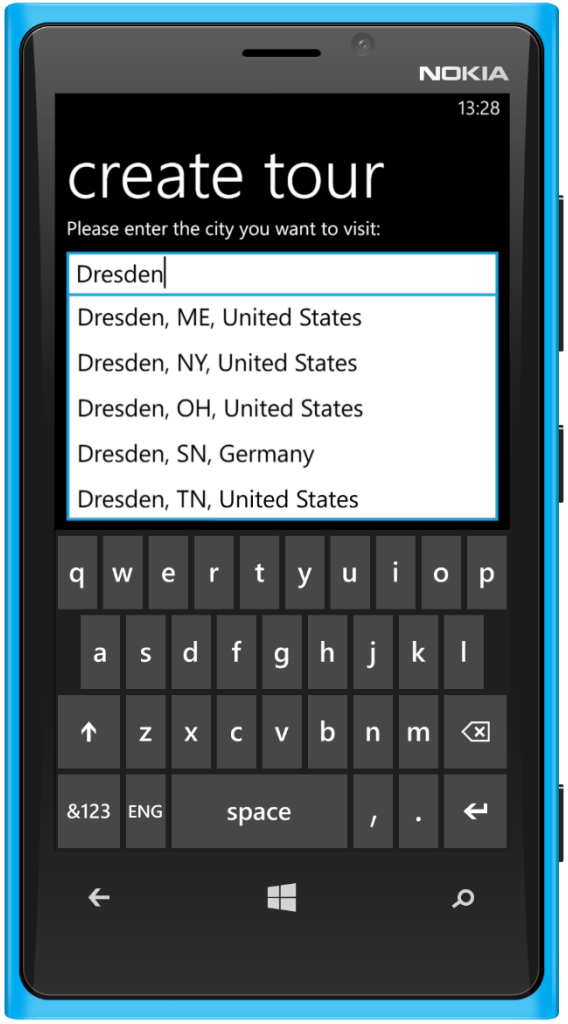
Use cases

NOKIA
13:28
TOURSQUARE
popular
London
New York
Berlin

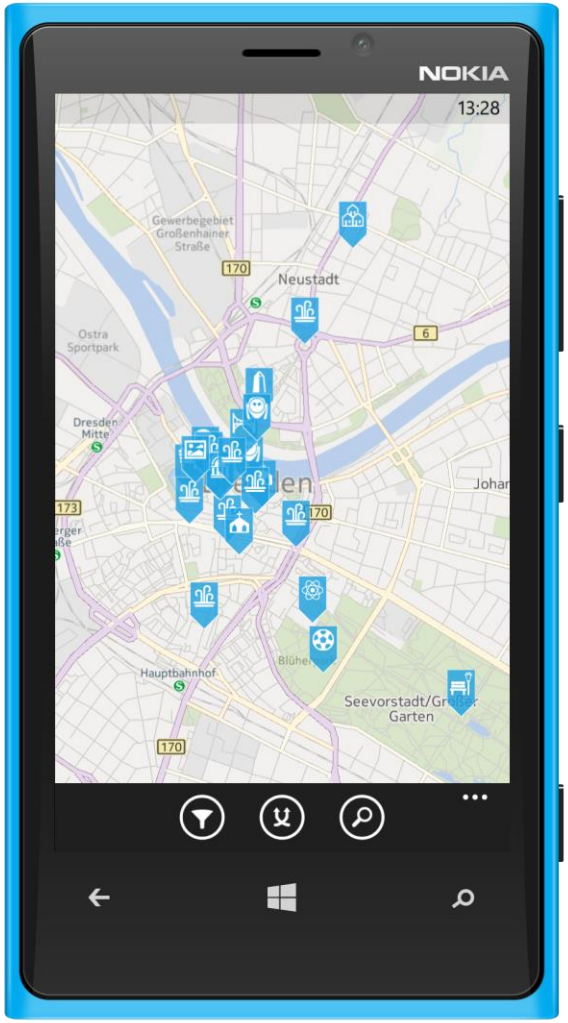

NOKIA
13:28
my tours
Example tour 20
Dresden
Example tour 20
Dresden
Example tour 53
Dresden
Example tour 87
Dresden
Example tour 52
Dresden
Example tour 51
Dresden
Example tour 50

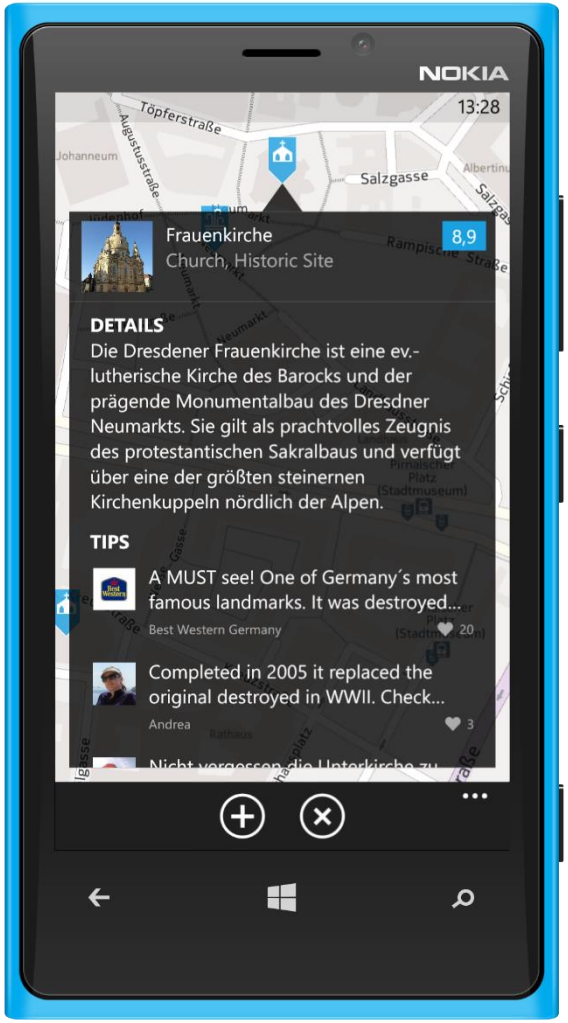
Use cases

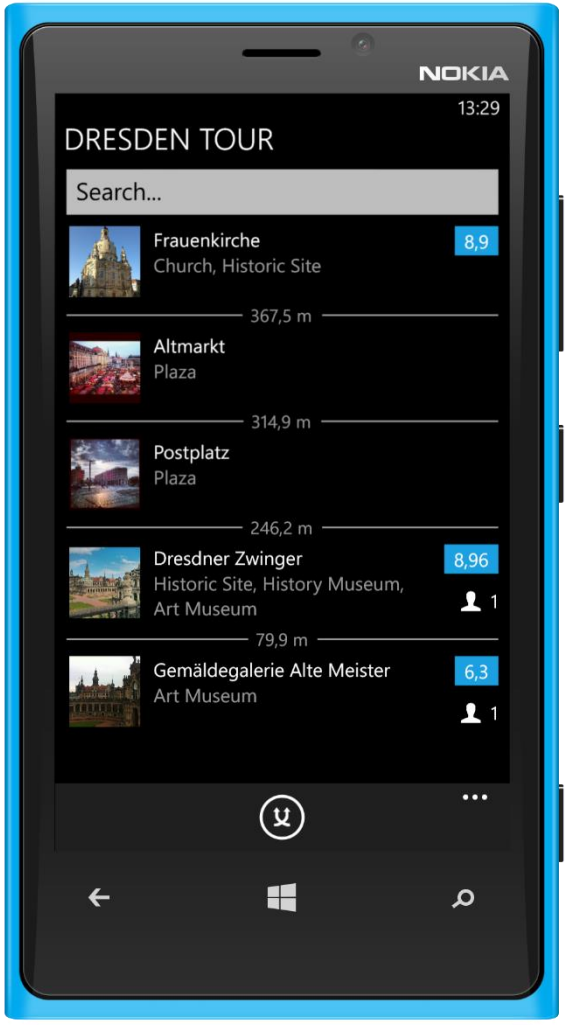
NOKIA
13:28
create tour
Please enter the city you want to visit:
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
&123 ENG space , .


NOKIA
13:28
create tour
Please enter the city you want to visit:
Dresden
Dresden, ME, United States
Dresden, NY, United States
Dresden, OH, United States
Dresden, SN, Germany
Dresden, TN, United States
q w e r t y u i o p
a s d f g h j k l
z x c v b n m
&123 ENG space , .

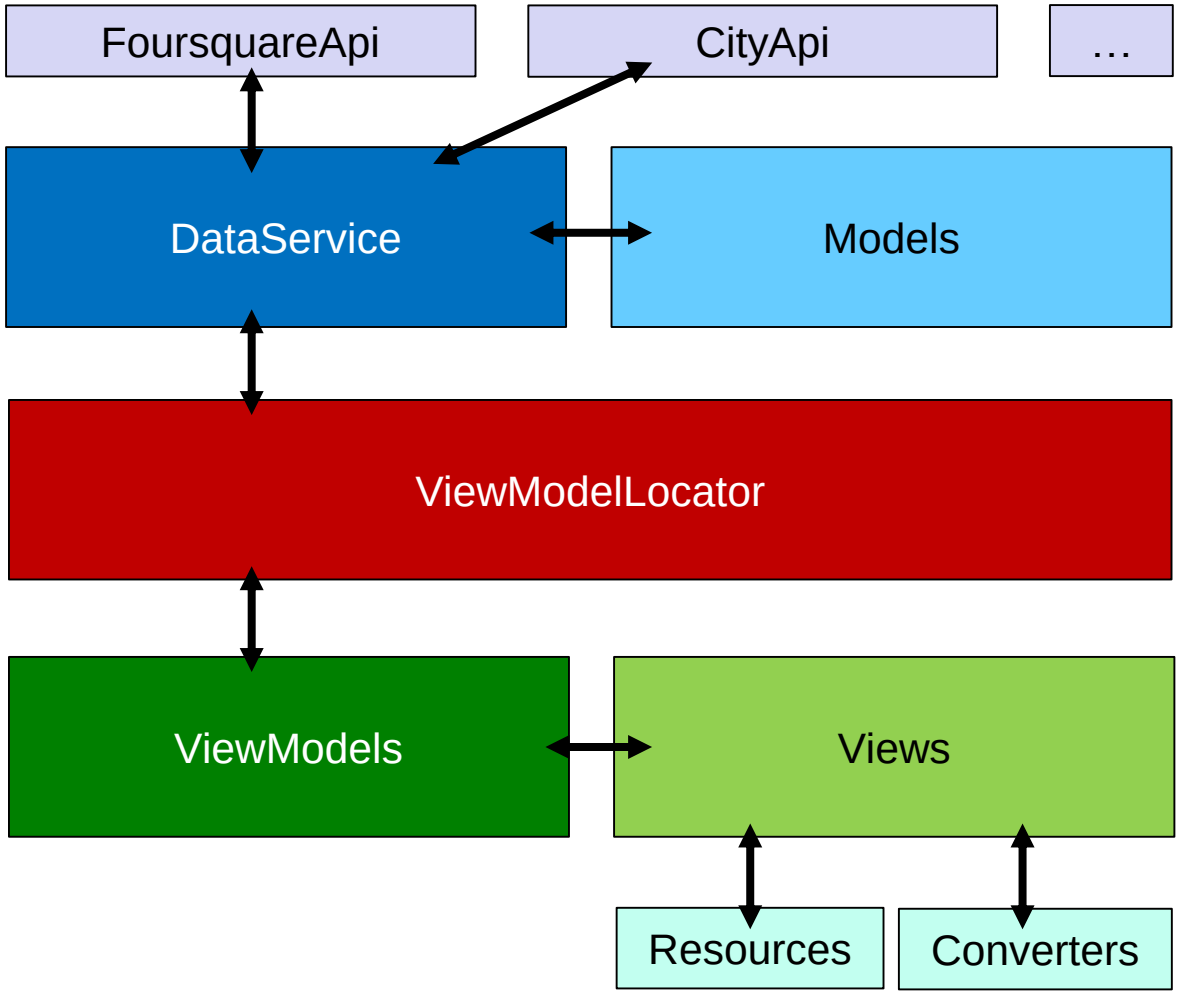
Use cases


NOKIA
13:28
Neustadt
Hauptbahnhof


NOKIA
13:28
Frauenkirche
Church, Historic Site
8,9
DETAILS
Die Dresdener Frauenkirche ist eine ev.-lutherische Kirche des Barocks und der prägende Monumentalbau des Dresdner Neumarkts. Sie gilt als prachtvolles Zeugnis des protestantischen Sakralbaus und verfügt über eine der größten steinernen Kirchenkuppeln nördlich der Alpen.
TIPS
A MUST see! One of Germany´s most famous landmarks. It was destroyed...
Best Western Germany
Completed in 2005 it replaced the original destroyed in WWII. Check...
Andrea


NOKIA
13:29
DRESDEN TOUR
Search...
Frauenkirche
Church, Historic Site
8,9
367,5 m
Altmarkt
Plaza
314,9 m
Postplatz
Plaza
246,2 m
Dresdner Zwinger
Historic Site, History Museum, Art Museum
8,96
1
79,9 m
Gemäldegalerie Alte Meister
Art Museum
6,3
1

MVVM Architecture



Challenges

- Offline availability
- Only request data which is necessary
- Usability
- Form factor

Adaptation and Context

- Adaption to screen resolution
- Offline context
- Live location

Work plan

1. ✓ **Initial phase**
   - Check practicability
   - Create work packages and prioritize
2. ✓ **Take off phase**
   - Mockups with dummy data
   - Basic functionality
3. **Implementation phase (~5 weeks)**
   - Full implementation
   - Implement low-prioritized optional functionality
4. **Touch down phase (~2 weeks)**
   - Lots of testing and polishing
   - Prepare release
   - Final presentation