

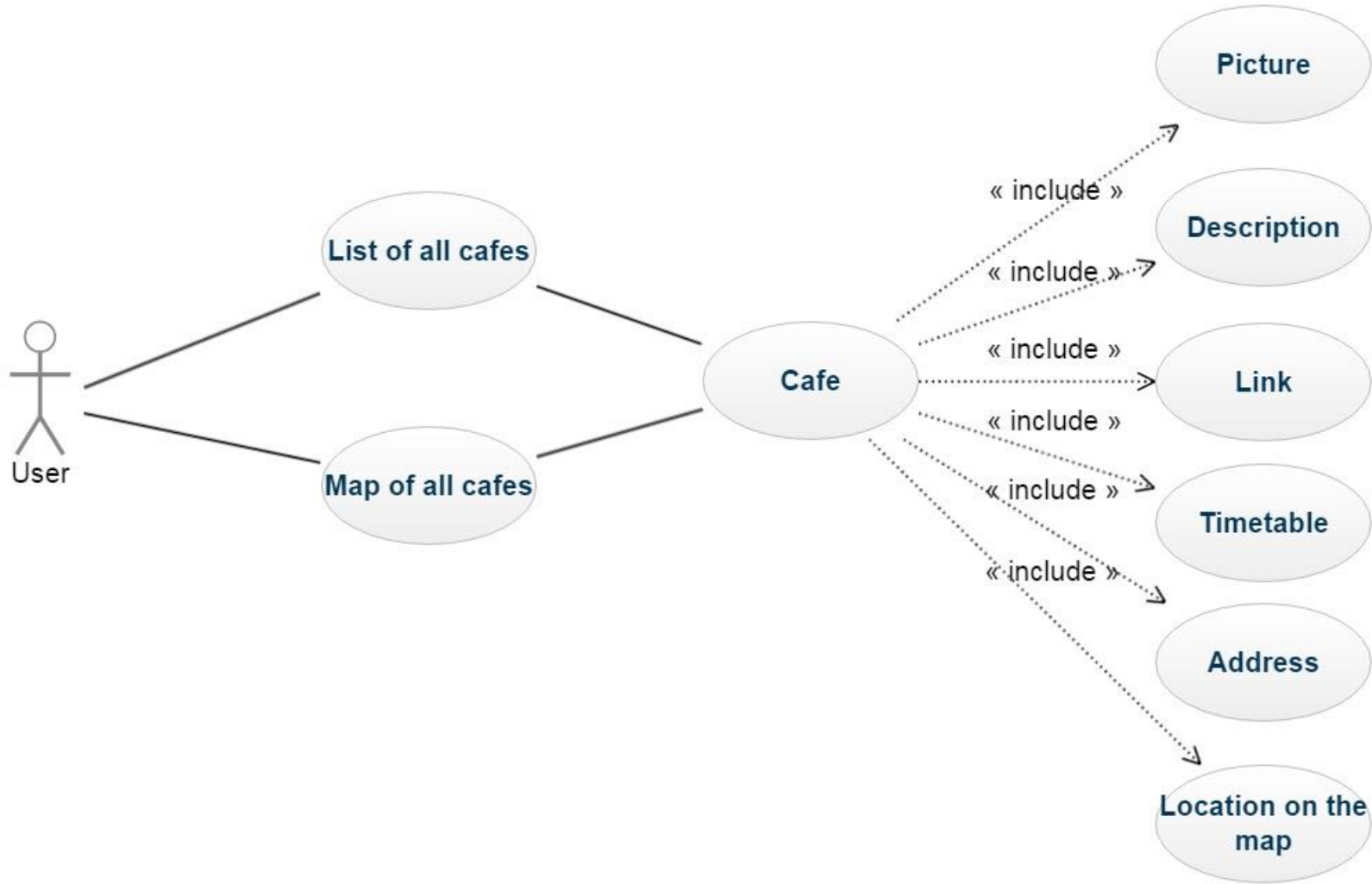
Application Development for Mobile and Ubiquitous Computing

Seminar Task
First Presentation

Group № 5
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- **Provide a list of good cafes in Dresden. It will be possible to sort this list by name or by distance.**
- **Show location of cafes on the map, location of the user and time that user need to spend to walk to nearest cafes.**
- **For each cafe provide a pictures, description, link to facebook page or web-site, timetable, the exact address and location on the map.**

Use Cases



- **First application**
- **Offline challenge :**
 - Detect when the device is connected to the Web or not
 - If it is connected – on the map show the time that user need to spend to walk to each café
- **Usability challenge:**
 - Interface is clear, intuitive and easy to use
 - Detect screen size and type of the device

- **Programming language: SWIFT**
- **Maps: Google Maps or Apple Maps**
- **Location: GPS**
- **Database: Core Data**

- **04.11.2016 - First presentation**
 - Making familiar with the tools and start of development
 - Data scraping
 - Construct database
 - Design UI
 - Map integration
- **16.12.2016 - Adaptation concept presentation**
 - First Prototype
 - Polishing and bug fixing
 - Documentation
- **27.01.2017 - Final presentation**

Thank you for attention!