

# Software Project Management

Lesson 4 – Requirements Engineering

Quiz

Uwe Gühl

Winter 2015 / 2016





# 1. Task Requirements

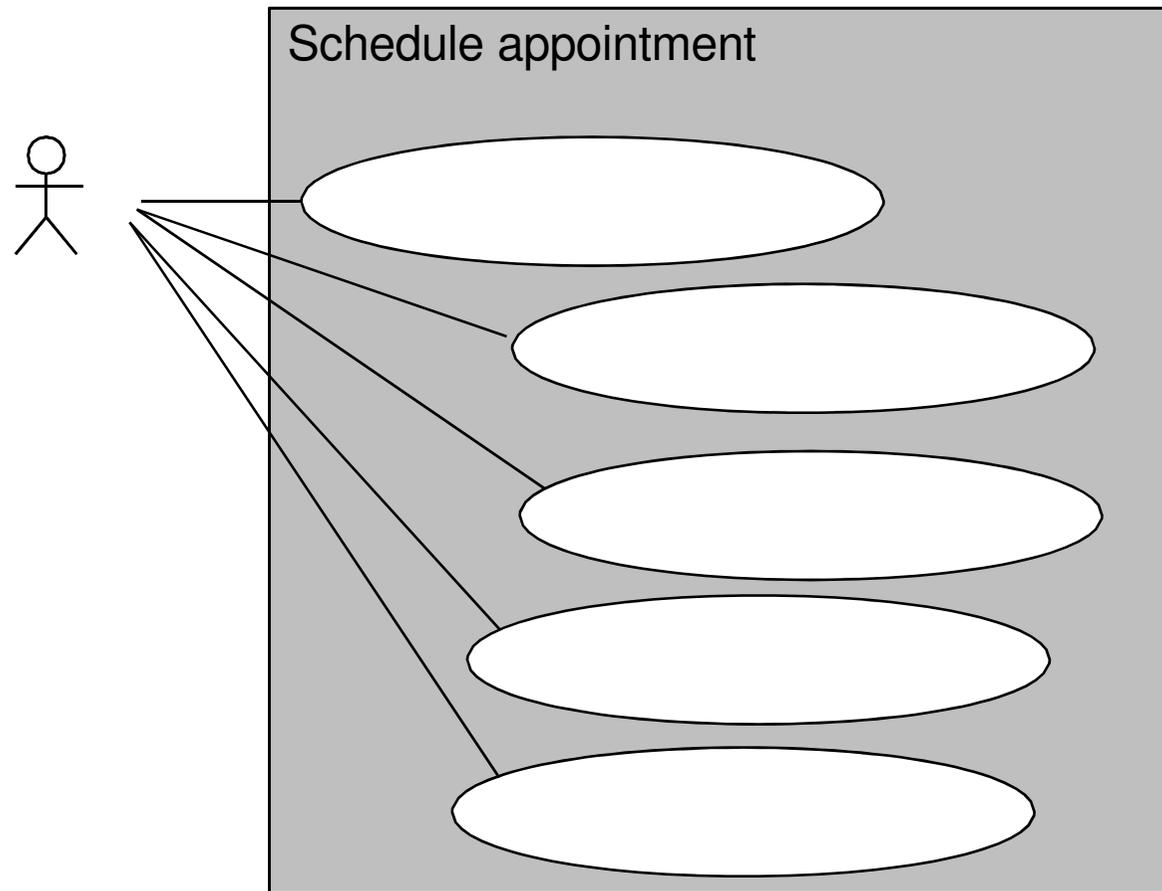
- You would like to schedule appointments with your friends using a web tool.
- You think about requirements: What should the tool be able to do?
- Tasks:
  1. Write down your requirements
  2. Get requirements from a fellow student and formulate them either as
    - a. User Stories or as
    - b. Use Cases

# 1. Task Requirements User Stories



As a <type of user>	I want <some goal>	so that <some reason>

# 1. Task Requirements Use Cases



# 1. Proposal Requirements User Stories



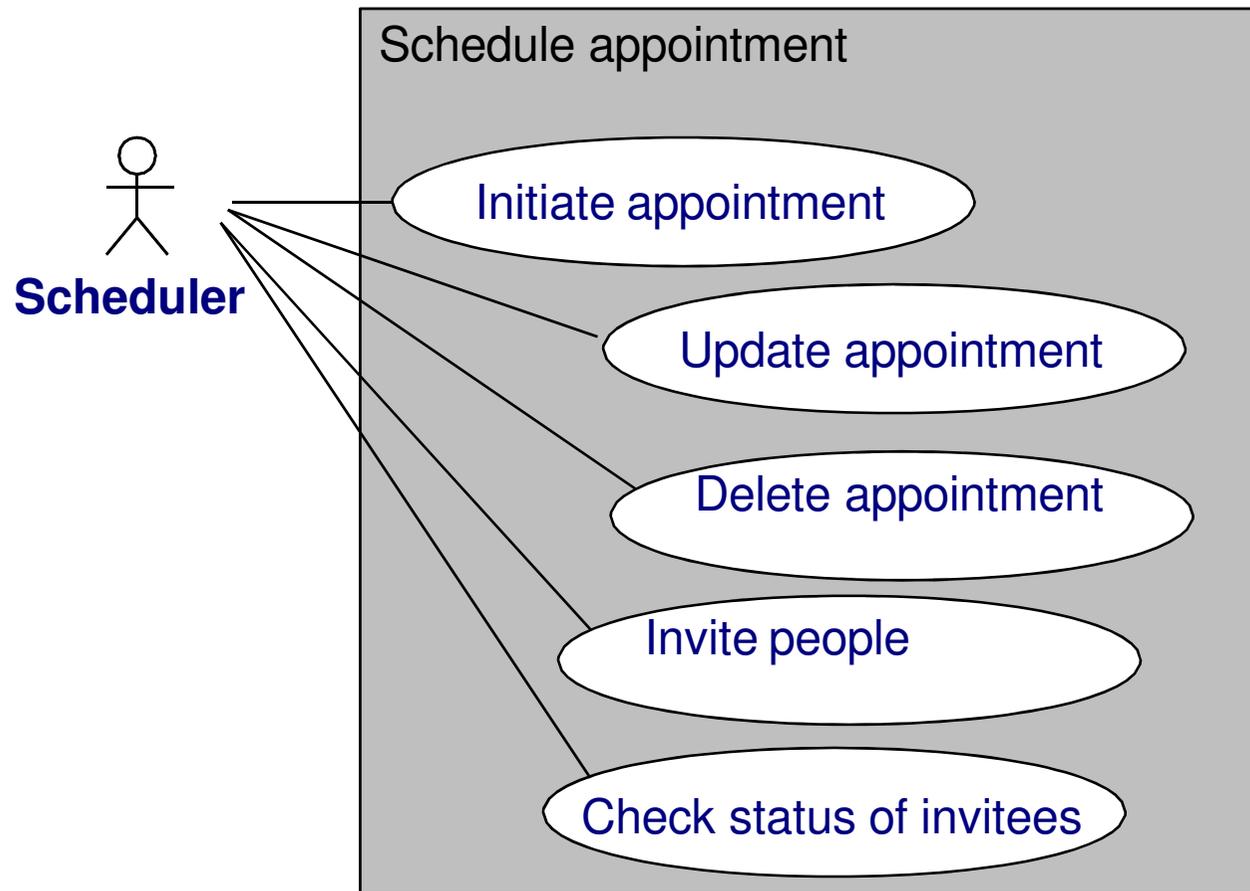
As a <type of user>	I want <some goal>	so that <some reason>
Scheduler	to initiate an appointment	I could offer different dates to people they should choose
Scheduler	to invite people	they could get access to the survey and enter their dates
Scheduler	to update a given appointment	I could add another / delete a given date
Scheduler	to delete a given appointment	I could cancel a survey
Scheduler	to check a given appointment	I could see the status of the invitees
Scheduler	to finalize a given appointment	determine the final date

# 1. Proposal Requirements User Stories

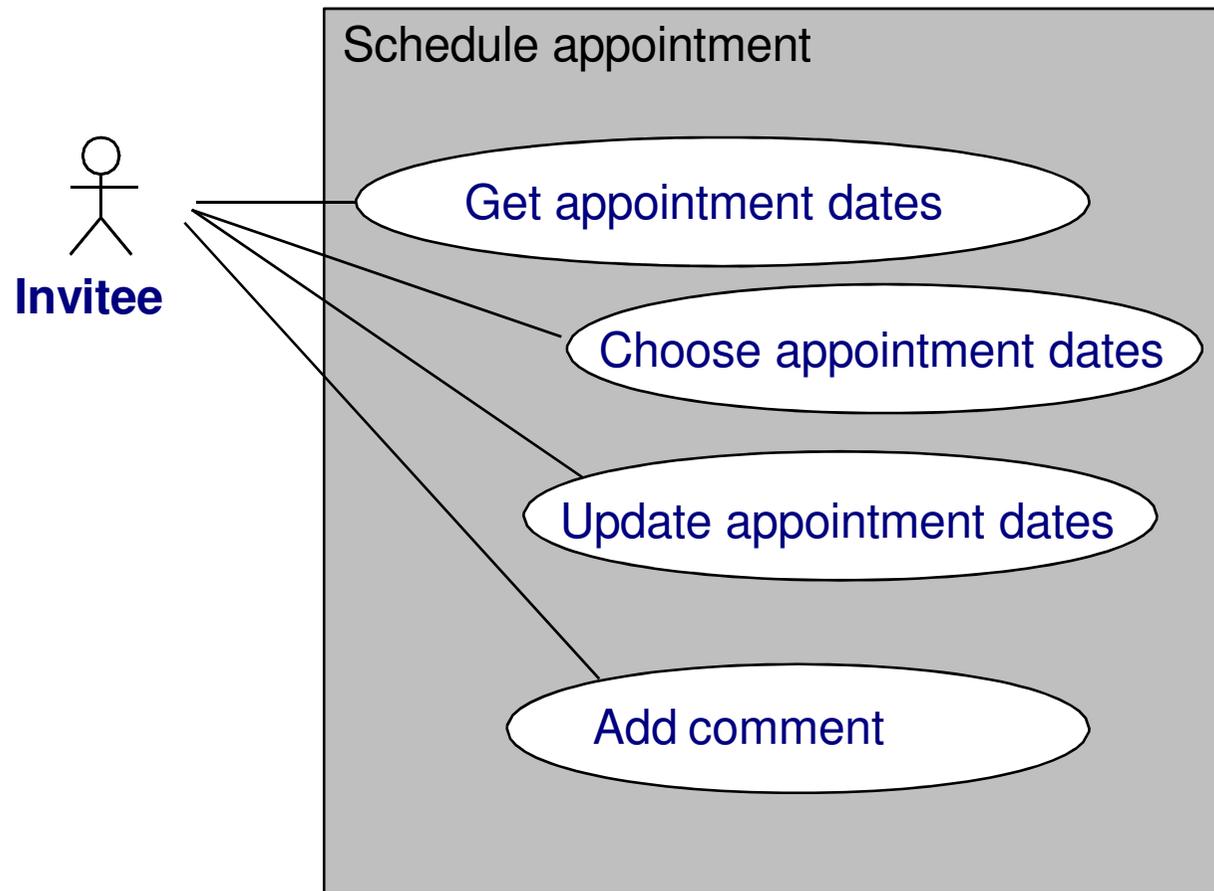


As a <type of user>	I want <some goal>	so that <some reason>
Invitee	to get an invitation to an appointment	I could determine the dates fitting best to me
Invitee	to choose appointment dates	all my acceptable dates are visible to the scheduler and other invitees
Invitee	to update appointment dates	my updated dates are visible to the scheduler and other invitees
Invitee	add comments	I could express additional ideas, requests, some details

# 1. Proposal Requirements Use Cases



# 1. Proposal Requirements Use Cases



# 2. Task Requirements



Following requirement could be found in a specification

- KUClock should be able to display the flag picture for every clock that is displayed on the main page.
- For example, Bangkok and Berlin time is displayed. These two flag pictures should be displayed:



- User can show/remove this function by an easy control

1. Which questions would you like to ask so that you could test this requirement?
2. Please add for each question a reasonable assumption as proposal.

## 2. Proposal Requirements



- What means “Bangkok time” and “Berlin time”?
- Proposal: Basic of the displayed times are Time Zones. A user could choose
  - a specific Time Zone
  - cities (mapped directly to a Time Zone)
  - a country with only one Time Zone (mapped directly to a Time Zone)
  - a country with more than one Time Zone (e.g. Russia with nine Time Zones, USA eleven, Australia eight, Brazil four and Mexico three).  
The user could choose corresponding city / Time Zone.

## 2. Proposal Requirements



- Where and how should the flag pictures be displayed?
- **Proposal: The flags should be displayed above the displayed time**

## 2. Proposal Requirements



- What about the size of the flag pictures?
- **Proposal: A minimal flag size should be displayed, it should be about 160 x 100 pixel**

## 2. Proposal Requirements



- What should happen, if a flag gets removed concerning the size of a clock?
- **Proposal: If the displaying of flags gets disabled, the clock should resize.**

## 2. Proposal Requirements



- What means easy control?
- How should the function of showing / removing of images work?
- **Proposal: The displaying / enabling functionality should be accessed in three ways with maximal two steps: Right mouse click, Menu (high level), function key**