

Database architecture

Freitag, 21. März 2014 09:39

Lecture	
Name	import from TU
Nr	
Time	
Prof.	

Tasks	
Lecture	
Name	
Deadline	
Description	

Resource	
Lecture	} XOR?
Task	
Name	
Author	
Link	
flag-lead	

Task? Coworker	
Task	
Coworker	

Exam? Coworker	
Exam	
Coworker	

Appointment	
Description	
Task	
Date	
Location	

Res? Coworker	
Resource	
Coworker	
give-back-date	

Coworker	
Name	} from article?
Email	
mobile	

make library a coworker?

↑
import lecture appointments from TU,
remove not needed ones
↓

Exam	
Lecture	
Exam Date: Appointment	
Description	

Lecture? Appoint	
Lecture	
Appointment	

Milestone	
Date	
Task	
Description	

User stories, views

Freitag, 21. März 2014 10:02

User can create lecture and/or import lectures from TU.

For each lecture one can create appointments for when the lecture is held. Or the lecture appointments are imported from TU calendar once, then it is also possible to remove appointments which are not important.

For each lecture it is possible to create exams. An exam would have a lecture, an appointment and a description to write in what to learn.

For each lecture one can create tasks, which represent e.g. a homework. A task will have a name, a description of what to do and a deadline/examdate, maybe also resources.

The user can create coworkers which represent teammates for a homework or comrades to study with for an exam. A coworker has a name, an email and a phonenumber, maybe additional information such as skype name. The coworker could maybe be imported from the contacts.

The user can also create resources which represent a book or some kind of file. A resource can therefor possibly contain a link to the resource.

The resource can be assigned to a coworker if it is lend from him or her or from the library.

It is also possible to assign milestones to a task. A milestone would have a date a task and a description.

The start activity of the app will be an overview of the next lectures which are held, the next tasks to do and the next lend-deadlines for library books.

There will also be other overview views, for lectures/tasks/books only.

Every object (lecture, task, book, comrade, appointment) will also have an extra single view, where all information about the object is shown with links to the single views of the related objects.