Mobile Applications

Test about book (twiki)

Eclipse
- TorteuseHG
- eGIT
- Im config auf hg.exe verlinken

Database architecture

Lecture
- Name
- Nr
- Time   } import from TU
- Prof.

Tasks
- Lecture
- Name
- Deadline
- Description

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

Task 2 Coworker
- Task
- Coworker

Exam 2 Coworker
- Exam
- Coworker

Appointment
- Description
- Task
- Date
- Location

Res 2 Coworker
- Resource
- Coworker
- give_back_date

Coworker
- Name
- email } from contacts?
- mobile
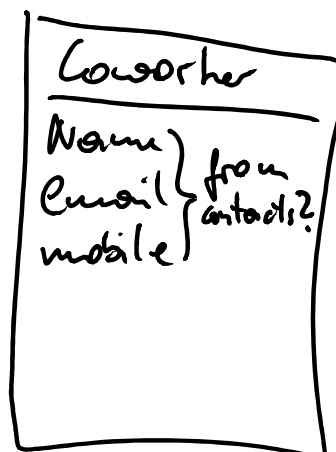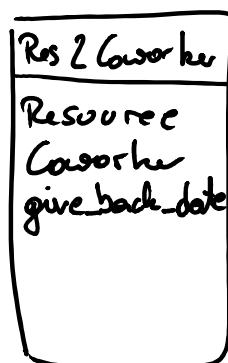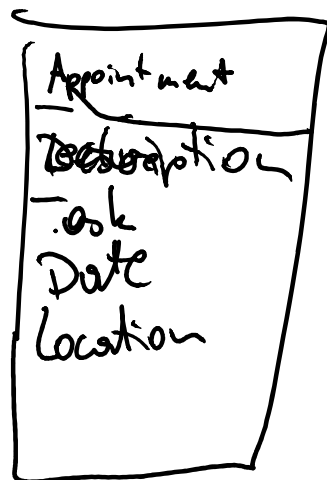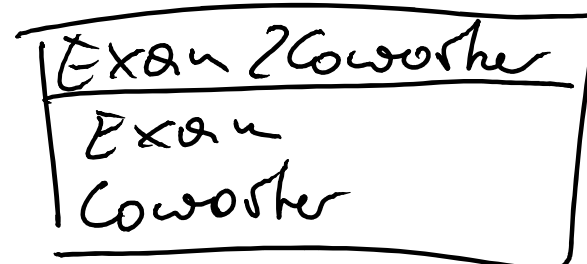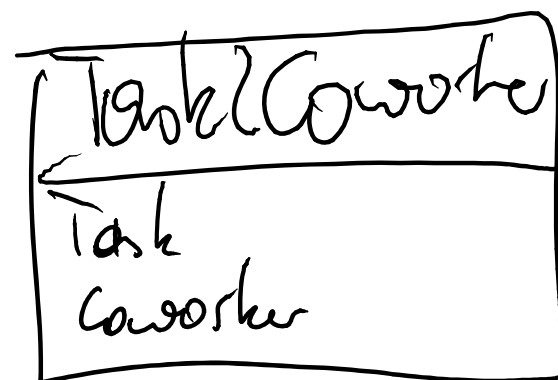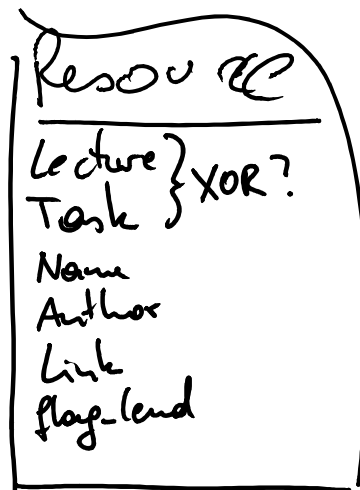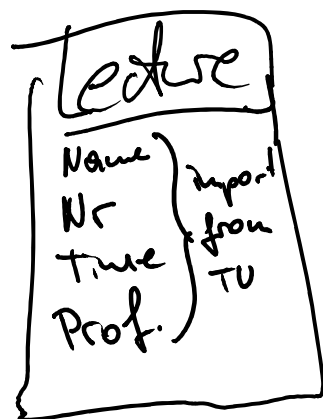
make library a coworker?

↑
import Lecture appointments from TU,
remove not needed ones ↘

Exam
- Lecture
- ExamDate: Appointment

- Description

Lecture 2 Appoint
- Lecture
- Appointment

Milestone
- Date
- Task
- Description
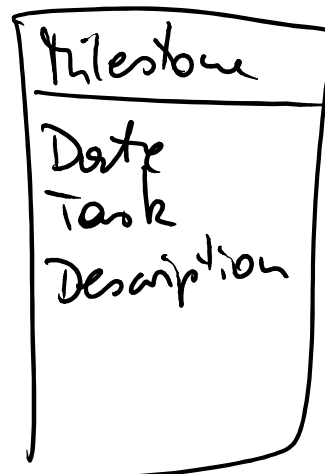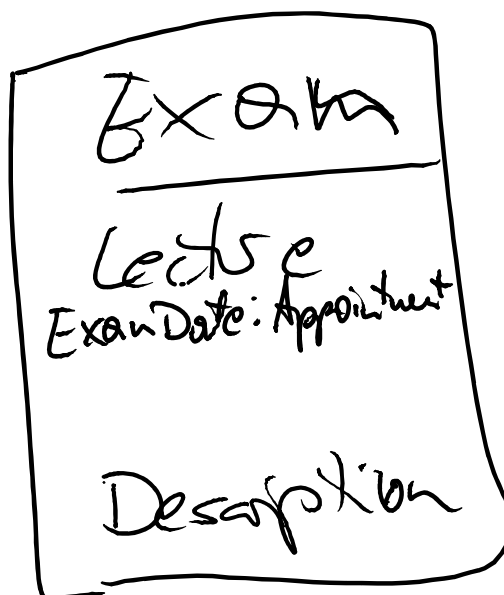
User stories, views

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

For each lecture one can create appointsments for when the lecture is held. Or the lecture appointments are imported from TU calendar once, then it is also possible to remove appointmemts 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 phonennumber, maybe additional information such as skypename. 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 lonks to the single views of the related objects.

DB

Lectures
- id (int)
- LVnr (str)
- name (str)
- comment (text)
- type (str)
- required (flag)
- compulsory (flag)

Tasks
- id
- title
- comment
- lecture_id

Resources
- id
- title

Exames
- id
- title
- comment
- lecture_id (optional)

Coworker
- id
- ref auf tbl.
- role (project role)

Dates
- id
- timestamp
- location
- type (ex, milestone, ...)
- comment

Relations
- id
- srctable (dates, resources, coworkers)
- lecture_id
- exam_id
- task_id