Minute for Meeting on 14.09.2010

Reviewed the Use Cases for CRUD Entities

(iped_CRUDEntities) and approved them after minor changes.

The Use Cases are as follows:

Create in Crud (only for entities from the entity-panel)

Actors	Program-(Administrator), for some aspects main-lecturer GUI
Scope	GUI
No. Iteration	2
Precondition	System is installed running/running correctly. User is logged in.
Postcondition	System is still running and user is still logged an and no side effects on database..
Postcondition on success	Selected entity has one more entry.
Basic course of events	(1) User opens the entity panel. (2) User chooses to create a new entity. (3) User enters entity-related data. (4) GUI validates data (format-check). (5) Database checks if data are still unique. (6) GUI saves new data in DB.
Alternative paths	(4a) format of data is wrong, user is asked to reenter wrong fields. (5b) data violates constraints, the action is denied
Open Questions	Q: config-entities are not createable ? A: yes, they are created during the installation.
Implementation notes	-

Read in cRud (for all entities)

Actors	Program-(Administrator), main-lecturer (only for entity-panel), student (only for entity-panel), (rest of university) GUI
Scope	GUI
No. Iteration	2
Precondition	System is installed running/running correctly. User is logged in.
Postcondition	System is still running and user is still logged an and no side effects on database..
Postcondition on success	
Basic course of events	(1) User opens entity panel. (2) User chooses to view all entities. (3) User gets a list containing most important data. (4) User selects one item. (=row) from the entity. (5) User gets a detailed page of the item (including all references of the item to other entities/relations. (6) GUI saves new data in DB.
Alternative paths	(1a) User opens config-panel. (2a) User gets detailed information about every entity which belongs to the config-panel (since every entity contains only some rows, it should be okay to display them all on one page).
Open Questions	-
Implementation notes	Display of detailed information about one item is done via textboxes /textareas/ etc. (means via a form with preset values), where you can edit the text if you wish (see Update in CRUD why this is important)

Update in crUd (for all entities)

Actors	(Program)Administrator, main-lecturer(only for entity-panel) GUI
Scope	GUI
No. Iteration	2
Precondition	System is installed/running correctly User is logged in User open detailed page of a given item from an entity (see Read in CRUD)
Postcondition	System is still running and user is still logged in and no side effects on database
Postcondition on Success	item has changed data
Basic course of events	(1) User edits data from the form (2) User tries to save data (3) GUI validates data (4) Database validates data (checks if primary keys are involved, see also open questions) (5) Database updates data
Alternative paths	
Open Questions	Q: should database update unique identifier and references when user wants to change them or simply disable the ability to edit unique identifier ? A: yes, if still all constraints are satisfied
Implementation notes	-

Delete in cruD (only for entities from the entity-panel)

Actors	(Program)Administrator, main-lecturer(only for his) GUI
Scope	GUI
No. Iteration	2
Precondition	System is installed/running correctly User is logged in User open detailed page of a given item from an entity (see Read in CRUD)
Postcondition	System is still running and user is still logged in and no side effects on database
Postcondition on Success	item has changed data
Basic course of events	(1) User chooses to delete the entity (2) Database validates data (checks if item is referenced anywhere, now the view of all relations is usefull for the user to see, where this item is still used) (3) Database deletes item
Alternative paths	(3a) Database updates item with the current date-of-deletion (e.g. Person)
Open Questions	Q: Is it possible to delete entities which are referenced by other entities? A: yes, delete on cascade, maybe do a simulation beforehand and warn user
Implementation notes	-

Reviewed the Use Case for System Login

(rsfs_systemLogin) and approved it.

requirement specification: systemlogin

Actors	Any member of the university GUI Database
Scope	GUI
No. Iteration	2
Precondition	The system is installed running/running correctly.
Postcondition	The system is running correctly.
Postcondition on success	The user is logged in.
Basic course of events	1 User opens the login screen. 2 User enters username and password. 3 GUI queries the database and validates data. 4 GUI displays a confirmation message and presents main-panel.
Alternative paths	3a GUI falsifies the data and rejects the request.
Open Questions	-
Implementation notes	-

Reviewed the sequence diagram for the Scheduling

(Scheduling_Sequence.svg) and approved it.

Reviewed the informal description of the Scheduling

(Scheduling_Informal.pdf), made adjustments and approved it.

Reviewed the relational model

made some adjustments and approved it.

Julian held a lecture

on Makefiles (with strong emphasis on OUR Makefile), AspectJ, and JUnit. The lecture consisted of many examples which were followed by the other team members on their computers, giving each the opportunity to experience the whole thing himself.

The following tasks were issued

Julian

- will create a template for our documents until 8h 15.10.2010.
- will document the rules already present in the Makefile in the wiki until 20h 15.10.2010.
- will implement the target deploy for our Makefile which will create an install-bundle until 20h 15.10.2010.
- will create an ERM until 20h 15.10.2010.

Andre

- will include the installation of the AspectJ compiler in our Makefile (in a new target) until 16.10.2010.
- will create the mockups until 16.10.2010.
- will transform the relational model into an actual graphic representation using UML-Notation until 20h 16.10.2010.

Konrad

- will prepare his lecture on Hibernate annotations for Thursday until 16.10.2010.

David

- will prepare his lecture in XML/XSL/XMLSchema for Thursday until 16.10.2010.

Hagen

- will make the scheduling UseCase.
- will transfer all UseCases into our new template.
- will learn AspectJ (especially declare statements and intermediate declarations) and potentially prepare a lecture for Thursday.
- will revise this minute.

Next Meeting will be held on Thursday 16.10.2010 @ hagen