Logbook - BDSA15

Dennis Thinh Tan Nguyen, William Diedrichsen Marstrand, Jacob Mullit Mniche,
Thor Valentin Aakjr Olesen Nielsen

December 1, 2015

Contents

1   Log for date: 11/11-2015

Start: 14:00 — End: 16:00

Member attendence:

- Dennis Thinh Tan Nguyen attended.

- Jacob Mullit Mniche attended.

- Thor Valentin Aakjr Olesen Nielsen attended.

- William Diedrichsen Marstrand attended.

Meeting pins

- Set up Trello and Pomello

- Set up Log book

- Initialized C# program structure

Sprint Planning

- Sudy ConfigurationUI (Web Service Interface)

- Internal communication among subsystems

- Subsystems Classes

- Storage Interface

- Work Load

- Prviding Blue Team API

- Dependency Injections

- Using Adapter Pattern

2 Log for date: 11/12-2015

Start: 13:00 — End: 16:00

Member attendence:

- Dennis Thinh Tan Nguyen attended.

- Jacob Mullit Mniche attended.

- Thor Valentin Aakjr Olesen Nielsen attended.

- William Diedrichsen Marstrand attended.

Meeting pins:

- WebAPI (Fra Steven) - Adapter Pattern, Facade (Autosys Server)

- Initialized and refactored project structure - packages to projects

- UML Subsystem refactored

- UML Entity Object refactored

- Entities first

Branching Rules

- First create a local branch

- Then publish the branch so it resides on oring/master

- Required start name for naming convention for branches: implementation/, testing/, documentation/, bugfix/, refactor/

3   Log for date: 14/11-2015

Start: 12:30 — End: 15:10

Member attendence:

- Dennis Thinh Tan Nguyen attended.

- Jacob Mullit Mniche attended.

- Thor Valentin Aakjr Olesen Nielsen not attended.

- William Diedrichsen Marstrand attended.

Meeting pins:

- Creating overview of every subsystems

- Updated LucidChart of subsystems

- Defining classes and their responsibilites of every subsystems (Application logic and Storage)

Sprint Planning:

- Implement design decision for the new codeskeleton

4 Log for date: 11/16-2015

Start: 16 — End: 21

Member attendence:

- Dennis Thinh Tan Nguyen attended.

- Jacob Mullit Mniche not attended.

- Thor Valentin Aakjr Olesen Nielsen attended.

- William Diedrichsen Marstrand attended.

Meeting pins:

- Code Skeleton completed.

- Pull requests reviewed.

- Merged branches into master.

- Discussed about work processes and how we contact each other outside ITU. Overall conflict is that study related activities seem not to be separated from other activities thus causing a tense stressful environment for certain members. One proposal is to keep track of each members time board so that people know when they can contact each other or when they should not be disturbed. This will be done with a document showing everyones schedule and using status tags on Trello.

Sprint Planning:

- Need to plan future work and time for meetings to achieve a clear distinction between activities related to ITU and others.

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5   Log for date: 11/17-2015

Start: 9:00 — End: 12:00

Member attendence:

- Dennis Thinh Tan Nguyen attended.

- Jacob Mullit Mniche not attended.

- Thor Valentin Aakjr Olesen Nielsen attended.

- William Diedrichsen Marstrand attended.

Meeting pins:

- Cleaned up code skeleton

- Added missing classes

- Implemented WebApi

Sprint Planning:

- Update SDD and RAD (UML subsystems, datafield definition, user definition, update entity object model)

- Create time schedule for all group members and dertermine meeting hours

Work planning:

- A Google Document has been made where the group members have written the time intervals where they are okay being contacted.

- In the document mentioned above working schemes have been made as well, indicating when group meetings are held.

- This is to separate study related activities from social activities thus avoid a stressful environment

6 Log for date: 11/26-2015

Start: 9:00 — End: 14:00

Member attendence:

- Dennis Thinh Tan Nguyen attended.
- Jacob Mullit Mniche not attended.
- Thor Valentin Aakjr Olesen Nielsen attended.
- William Diedrichsen Marstrand attended.

Meeting pins:

- Rework database design
- Working on Criteria
- paperManagement

Sprint Planning:

- Talk with TA about database design
- Discuss Test driven development

Work planning:

- Add new title in each logbook, which detials any radical design changes.
- Thor and dennis has been working on a revicited entity relation model to be able to create the database
- We have desided to use a microsoft database to avoid any conflict between different types of databases
- We don't need to worry about database queing. Aparently c # will automaticly handled that aspect. According to Mokkel TA , each task will automaticly queue up to be proceessed. I don't think this will solve it on the client side, but that is hardly our problem
- You might want facilitate regular expressions in the search to enable more advanced searches. Instead of asking does this name appear in the text, then you can ask, I want to sample papers where this name appeared at least 8 times.

Work accomplished today:

- E
  R model created

- Subsytem dependency resolved: Create exportable item Interface To expose methods for formating exporting Criterias, Protocol and Criteria will implement CRUD

- Database Dispose have been replaced by Using blocks

- Database connection is maintained upon methods calls

- Created Facade package in application logic, used to translate entities to storage

- Repository have been moved to storage, and will now contain concrete repsoitories for all entities

- **William** is working on the Paper management class

- **Jacob** is working on the Phase and Criteria classes

- **Dennis** User management class

- **Thor** Storage, IFasade

7 Log for date: 12/01-2015

Start: 9:00 — End: 16:00

Member attendence:

- Dennis Thinh Tan Nguyen attended.

- Jacob Mullit Mniche attended.

- Thor Valentin Aakjr Olesen Nielsen attended.

- William Diedrichsen Marstrand attended.

Meeting pins:

- Testing strategy

- Shared data model required for use in repositories, stored model entities and testing

- Agreed on test syntax methodToTest_condition_expectedbehavior

- AutoMapper framework used to translate objects from application logic to DTO objects and Stored model entities

- Can now connect to a local database created from code first (AutoSys-DbModel). Requires installation of SQL Server 2014 and login with (localdb)/myssql

- Agreed to prepare questions and think about potential conflicts involving work of others when implementing things. We now put more focus on preparations before group work. Members are expected to prepare questions and identify potential challenges involving the work of others.

- Reimplemented ids for entities in application logic where needed.

Sprint Planning:

- Sections from Testing Strategy document has been assigned to individual group members. Expected template delivery on Thursday the 3rd of December.

- Documentation boards on Trello are to be complete in order to clean up Trello for new tasks.

Current work:

- Thor is currently working on implementing the Storage repositories containing CRUD operations for all model entities. He will first implement the tests for each repository. This is now possible due to the agreed data model (had conflict with Paper and Criteria entity).

- Jacob is currently writing blackbox tests for the CriteriaHandler, working on a simple sorting operations which let a user sort Articles based on criterias and is working on Phase

- William is curently working on Papermanagement and exploring the nUnit framework (Which help reducing redundant test cases).

- Dennis working on black box testing and Fasades