Roadmap

Milestone: Iteration1

Completed 3 months ago (09/08/10)

	100%

Closed tickets: 8   Active tickets: 0   / Total tickets: 8

~~Iteration2 >>~~

Our first iteration should give us a very basic prototype along with a database setup and a working environment running at the university. Technology questions should roughly be clear, initial requirements analysis should be done, i.e. we do have a full specification of what we want to do.

> IterationOne is over. Please do no longer edit any contents here.

Artifacts of the first Iteration

- **PimpMyBranch**
- Our Schedule (includes Meetings): as of 2010-08-09
- Comparison of programming languages suitable for our purpose (PDF)

Artifacts in progress

- Entities
  a general specification in natural language of the entities we deal with (updated throughout all iterations)
- Relational Model
  (for prototype implementation in iteration1)

Use Cases (done)

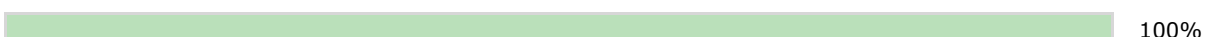- The big picture
- Scheduler

Use Cases (to be completed)

- Scheduler-DBMS
- ServersideGUI

Minutes

- 2010-05-10
- 2010-05-20 Missing
- 2010-06-03
- 2010-17-06 Missing
- 2010-01-07 Missing
- 2010-07-22 Missing
- 2010-09-08 to come

Milestone: Iteration2

Completed 7 weeks ago (10/04/10)

	100%

~~Iteration1 <<~~ – ~~Iteration3 >>~~

- ScoreSpecification (UseCases)
- Description of Entities (2010-09-11, PDF)
- RelationalModel
- RequirementsSolicitation?
- RequirementsSpecification?
- ArchitectureAndDesign
- ImplementationNotes?
- TestPlan?
- BrowserSupport
- Glossary

> IterationTwo is over. Please do no longer edit any contents here.

KW 36

- 2010-09-07 16:00 Meeting @ Schweppe
- 2010-09-08 16:00 Meeting @ Julian – Agenda, ~~Minutes~~, Minutes Revision 1
- 2010-09-09 14:00 Meeting @ Julian – Starting to write UseCases
- 2010-09-11 13:37 Meeting @ Julian – Agenda: Unify UseCases – Minutes

KW 37

- 2010-09-14 09:00 Meeting @ Hagen – Agenda: Unify UseCases, SchedulerDescription, RelationalModel – Minutes
  - Presentation: DevelopmentEnvironment? by Julian
- 2010-09-16 13:00 Meeting @ Hagen - Agenda: Form programming teams, documentation
  - Presentation: WebInterface? by André
  - ~~Presentation: XslXml? by David~~
  - Presentation: HibernateAnnotations? by Konrad
  - ~~Presentation: MetaMeta? by Julian~~
- 2010-09-18 15:00 HACKFEST

KW 38

* Working in seperate programming groups:

- Web Interface & Web Server by André and Julian
- Ant building tool by David
- Scheduler by Hagen and Konrad (Pair programming)

KW 39

* Working in seperate programming groups:

- Web Interface & Web Server by André and Julian
- Ant building tool by David
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* 2010-10-03: Evaluation of Iteration 2

Milestone: Iteration3

Completed 3 weeks ago (11/01/10)

Artifacts from Iteration3

- Entities & Relationships
- Build System as of 2010-W43
- weave Annotations
- What is weave doing when a HTTP-Request comes in?
- meta + weave: an object-relational dream-team (DRAFT)

> IterationThree is over. Please do no longer edit any contents here.

KW 40

- 2010-10-04 13:00 Meeting @ University: Presentation of current work accomplishments; Evaluation of Iteration 2; Planning of Iteration 3 (Protocol-2010-10-04)
- 2010-10-05 16:00 Preparing slides and content for the Iteration 2 presentation @ Julian
- 2010-10-06 15:00 Presentation for Mr. Schweppe about results of Iteration 2 @ University Room K40

KW 41

- **Wer hat was gemacht?**
  - Konrad: Servlets eingearbeitet, Scheduler und Unit Tests an ORM angepasst
  - Julian: Arbeit am ORM, as always.

KW 42

- 2010-10-23: Meeting @ André: Itegration, Web Interface, Scheduler Integration Test, ORM (Protocol-2010-10-23)
- **Wer hat was gemacht?**
  - Julian: ORM mitsamt Unit-Tests (~~#42~~) implementiert (~~#69~~) und dokumentiert (~~#44~~), erste Aspekte definiert, Export hergestellt (~~#65~~), Installer angefangen

KW 43

- 2010-10-26: Meeting @ Uni: 10:00 Taku- 9 *(Protokoll? (engl.: minutes))*
- 2010-10-29: Integration Scheduler (Konrad, Julian) als eigenständiges Servlet
- 2010-10-30: 10:00 Uhr, Treffen Julian & André
- 2010-10-31: Meeting @ Hagen: 13.30 Evaluation Iteration 3
- **Wer hat was gemacht?**
  - David: Buildsystem using Apache Ant (~~#16~~), deployment of WebArchive? (~~#83~~)
  - Julian: Build- und Installationsprozess automatisiert (~~#87~~), vereinheitlicht (~~#91~~, ~~#97~~) und auf Ant 1.7 abgestimmt (~~#101~~)
  - Konrad: Scheduler Integration durch Anpassung an ORM Framework
  - Andre: StoredProcedures? erweitert zum Usermanagement, Unittests geschrieben, div. Installationen getestet (~~#84~~, ~~#85~~, ~~#86~~)

Milestone: Iteration4

Due in 5 days (11/28/10)

58%

~~Iteration3 <<~~

>>> Goal of overriding importance: Deliver basic Implementations for UseCases (all of them) **<<<**

KW 44

- Wer macht was? (bis zur Präsentation)
    - André: global.xsl, Building anlegen, Raum mit Building anlegen, CorporateDesign (Menuführung + Startseite)
    - Julian: Import, Export, @Commit
    - An+Ju: KVV-Daten
    - Konrad: Scheduler Präsentationsfertig machen, Algorithmen evaluieren
- Ziele bis zum Ende dieser Woche (bis zum Sonntag, 7. November)
    - Konrad+Hagen: rsfs_manuallyUpdateProposedSchedule überarbeiten
    - enroll (möglichst sogar bis zur Präsentation)
- Plan
    - 2010-11-02 10:00 Meeting @ University: Finalize Scheduler
    - 2010-11-03 16:00 Meeting @ Julian: Presentation
    - 2010-11-04 18:00 Presentation @ University
    - 2010-11-05 17:00 Introduction to weave @ Julian
- What has been achieved?
    - David: HW: Zwei simple XSL-T für Lipsum entwickeln (XHTML, LaTeX)(~~#115~~)
    - Julian: @Commit
    - Konrad: Revised web module for scheduler control, implemented schedule presentation, revised rsfs_manuallyUpdateProposedSchedule, implemented simple interruption policy for the Algorithm Thread

KW 45

- Goals till the end of this week
    - André: CRUD Ressources damit man es als Vorlage für andere Entitäten nutzen kann (zirkuläre Beziehungen, 1:N, M:N Beziheungen), Setup für postgres 8.3
    - André+Ju: iped_CRUDEntities steht
    - Konrad: Methods for Colloborative Scheduling, extend start Scheduling by Department and Academic Term parameters
    - Julian: ~~#120~~ (Search), #121 (JOIN), ~~#122~~ (StringConverters for @Arg), #123 (Constraints-Bug regarding Timeslots), ~~#125~~ (sort() for ORM-fetch), #126 (User-Mgmt Module)
    - Hagen: Implement a basic testdata generator, #51(Create a Testdata Generator)
- Plan
    - 2010-11-09 Regular Meeting @ University
    - 2010-11-10 Workshop @ Julian
- What has been achieved?
    - André: CRUD coursemanagement angefangen (C, CE, AT, P), Installer gefixt, aber noch nicht 8.3 konform (siehe default-value für funktionen)
    - David:
    - Hagen:
    - Julian: Mockup für FU-angelehntes Design, StringConverters (for Import and @Arg), Import (however: useless, lacks XSL-T for converting KVV-Data, lacks GUI, lacks spezialized import)
    - Konrad: Provided methods for Colloborative Scheduling (To-Do: evaluation and refacotring), extended start Scheduling by Department and Academic Term parameters, worked roughly into Java Profiler Visual VM (seems to be not that complex)

KW 46

- Goals till the end of this week

- - Julian: #121 (JOIN), #123 (Constraints-Bug regarding Timeslots), #126 (User-Mgmt Module)
    - Andre: plpgsql auf 8.3 umstellen (#138), Tickets zu Coursemanagement mind. 40% (#142, #143, #144, #145, #149, #150, #151, #152, #153, #154), 100% bis Di.
    - David: #137 -> #146, #147, #148 (Department)
    - Konrad: Implement basic test-data generator (#51), implement basic benchmark (#136, #104), evaluate Scheduler implementation with benchmark (#165), refactor colloborative Scheduling methods (#166)
    - Hagen: Summary Report ersten Entwurf, Konrad mit dem Testdatengenerator helfen
  - **Plan**
    - 2010-11-16 Regular Meeting @ University
    - 2010-11-21 Julian @ André / #164 (Integrate Scetris / Fourtris)
  - **What has been achieved?**
    - André: #27/#135 (output XSL-FO -> PDF),
    - David: #137 -> #146, #147, #148 (Department)
    - Hagen: Summary Report v0
    - Julian: #75 (aspects.Configuration), #67 (Unit Tests für Import/Export), #128 (translations), #163 (login in fourtris), #159 (pluggable output modules), #169 (output plain), #134 (output JSON), #168 (fancy forms)
    - Konrad: Implemented first working version of test-data generator, implemented basic benchmark (#136, #104), Scheduler evaluation cannot be done properly (#165)

KW 47

- - **Goals till the end of this week**
  - **Plan**
    - Di Treffen
    - Do Treffen bei Prechelt zum Score-Summary (15:00)
  - **What has been achieved?**
    - André:
    - David:
    - Hagen:
    - Julian:
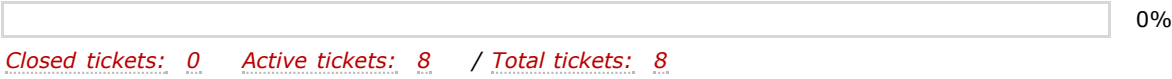   - Konrad:

Milestone: SCORE Document

Due in 3 weeks (12/16/10)

Structure

1. ExecutiveSummary?

2. DevelopmentProcess?

3. RequirementsProblemStatement?

4. RequirementsSpecification?

5. ArchitecturalDesign?

6. ProjectPlan?

7. ManagementPlan?

8. ImplementationDetails?

9. ValidationAndVerification?

10. OutcomesAndLessonLearned?

Milestone: Iteration5
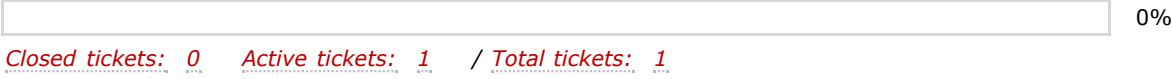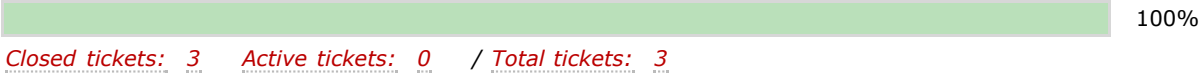
Due in 5 weeks (12/30/10)

0%

Closed tickets: 0   Active tickets: 8   / Total tickets: 8

Milestone: Iteration6

No date set

0%

Closed tickets: 0   Active tickets: 1   / Total tickets: 1

Milestone: Knowledge Management

No date set

100%

Closed tickets: 3   Active tickets: 0   / Total tickets: 3

Milestone: Polishment

No date set

0%

Closed tickets: 0   Active tickets: 2   / Total tickets: 2

to pimp, to pimp, to pimp.