Student Contest on Software Engineering

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20. Mai 2010

Team Structure

- David Bialik (minion)
- Julian Fleischer (minion)
- Hagen Mahnke (project leader)
- Konrad Reiche (minion)
- André Zoufahl (minion)

Dates

- 03.06.2010: Meeting: Defining requirement specification for advisor.
- 17.06.2010:
- 30.11.2010: Registration for participation closes.
- 15.01.2011: Submission for the summary reports closes.
  About 20 pages.
- 28.02.2011: Selection of the semi-finalist teams.
- 28.03.2011: Deadline for the submission of the final deliverable.
- 21-28.05.2011: Final evaluation and presentation of the awards.

1 Participation Outline

1.1 Content

1.1.1 Technical Requirements

- FLOSS (Free/Libre and Open Source Software)
- Web-based usage, user friendly
- Data is stored at database

1.1.2 Application Requirements

1.1.3 User hierarchie

- Adminstrator (technican)

  At first undefined. Atleast taking care of technical issues. Determines ressources (rooms,number of available places,etc.).

- Program adminstrator Defines the university program. Determines Program manager for instance head of a faculty. Determines ressources (rooms,number of available places,etc.).

- Program manager

  - teaching stuff (secondary lecturer, tutors,etc.)
  - lectures, tutorials, labs, projects
  - maximum participants

  Defines new courses or instanciate an old course again. Determines the Main lecturer

- Main lecturers

  Enters details about the course:

- Students

1.1.4 Scheduler

- Calculates program schedule proposals (a program adminstrator can verify it and freeze it)

- Main lecturer calculates course schedule proposals

- Different scheduling policies

- import/export data to different systems

1.1.5 Presentation

Beautiful representation of the results.

1.2 Timeline

- Iterative development process (Specify, implement, test, redefine, implement,..)

- Specifying requirements until end of 'Vorlesungszeit' to beginning of course holiday.

- Implementation until Armageddon

1.3 Successfully Participation