

Taraxacum

The digital text book

Project Vision

Presented by
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Taraxacum team members

Sweden

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- Adil Farid
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Croatia

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Supervisor: Severine Sentilles



Introduction

Taraxacum - Dandelion - Maslačak - Maskros



Incentives

- Teachers need learning resources
 - But 'recreate' study material over and over
 - Hardly have time
- Students want to have qualitative study material
 - Inadequate material demotivates students

Goal

- Make sharing of learning materials easy
 - Less re-creation
 - More time for improvements
- E-learning environment
 - Based on resource sharing

Initial Requirements

- Web application
- Teachers can view, add, remove and edit shared resources
- Students can view, browse and comment/discuss resources shared with them

Cooperation

- Team

- Focus on information sharing
 - Supported by Google Docs, Groups, Trac
- Clear separation of responsibilities
 - Transparent cooperation
- Clear communication
 - Important topics are written down

Cooperation

- **Customer**
 - Intensive contact
 - Reflective information sharing
- **Supervisor**
 - Weekly reporting of progress and issues

Implementation

- **Module based architecture**
 - System more extendible
 - Splitting responsibilities easier
 - Supported with unit testing
- **Model-View-Controller pattern**
 - Separation of functionality
 - Easier to make multiple GUIs

Implementation

- Technologies

- ASP.Net
- nHibernate
- MS SQL server
- JS, JQuery, AJAX client side

- Tools

- Visual Studio
- Subversion

Future Extensions

- Extend to mobile applications
- Resource grading system
- File resource editing inside application
- Bookmarking browser plugin

Possible risks

- Misinterpretation
 - Requirements
 - Boundaries
- Lack of time
- Lack of technical expertise
- Misunderstanding between team members

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There is a resource for that!