Summary
The aim of this thesis was to develop a web application which provides to perform self and peer assessments. The main purposes were to implement an advanced management and execution of assessments in combination with modern and user friendly GUIs.

Introduction
- Nowadays, Self- and Peer Assessments are part of the education in schools and companies. These specific assessments are designed to assist the teachers and their students in learning.
- The origin idea of the thesis was defined by the University of Bern. They have already developed a plug-in for their ILIAS System but in this thesis, the existing functionalities of the plug-in has to be modified and optimized in an independent web application.
- The new web application was named SEPAT (Self- and Peer Assessment Tool).
- The purpose of SEPAT is to create quickly and easily assessments. Secondly, the assessments provides individual feedbacks for the students.

Methodology
- Understand the customer needs
  1. Create a list of all functionalities
  2. Prioritize the functionalities
- Create the software requirements and specifications
  1. Perform a GUI-Specification using mockups
  2. Analyze and update the mockups in cooperation with the customer
- Implementation
  1. Develop the software using the mockups
  2. Test the new functionalities

Results
- Execute an analysis:

  Metakognitive Strategien

  2. Question Block
  Self generated Question Block for Analysis Metakognitive Strategien

  • Sehe rein. Problem aufsuchen, lerne ich es aus eigenen Kraft lösen.
  • Ich erkenne alles, was ich schon lerne und was nicht funktioniert.

- See your results in different graphs:

Technologies
- .NET MVC
- Entity Framework 6.0
- SQL Server
- Bootstrap
- HTML, CSS, JS

Conclusions
- At the end of this Bachelor thesis, I can deliver an executable web application prototype based on the Self- and Peer Assessment principle.

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