

Summary from interviews

This is a summary from our interviews with four teachers at LTU. The chosen teachers have different courses at different levels to give us a wider picture over the need of the project. Most of the interviewed teacher sees a need for the described system. Especially if they teach courses that have prerequisites. As it is now one teacher said that they need to ask other teachers to get the lecture slides to see what the students have learned before they start the course. Others see a problem with general skills like writing reports and agile development where they expect a higher level of knowledge while no one offer to teach the students to reach that level.

One challenge is that students in the same program have taken different courses before taking a course on advanced level, therefore they have different knowledge. This means that the teacher needs to include some blocks in the course that other students have already learned. One teacher said that it was very clear what the courses should include and offer. It could still be interesting to see where the knowledge is used in other courses to be able to know what blocks in the course to focus on.

From previous mentioned reasons the system is requested and could be really helpful. Everyone agreed that the system should be a web service since all the other systems on LTU are web services. Requested functions was to be able to change knowledge components for a course, where a warning should occur if a teacher wants to take away one that is needed for other courses. Another request was for students to review the knowledge components after the course to know if all have been covered and at the given level. Knowledge components like writing a report or agile developments should also be implemented.

Most teachers agreed that it could have a change in what and how they teach. I would be easy to see why some things in a course are important for other courses. I would also be easy to find that some things could be skipped because the students already have the knowledge.