Description:
Courseware functions as a submission and course management system for the ICG and offers a platform to both students and teachers. Students get access to the submission system and can see results from existing submissions, results for exams or exercises and reserve spots for assignment reviews. Teachers are able to manage their courses, perform basic user management, setup assignment servers and exams and also view submission results for all students for their courses. In its current state, Courseware offers a functional platform for course-related activities, but falls short in some categories.

- The system is hard to maintain (as it does not utilize any webframeworks)
- The database implementation is not cleaned up and not highly optimized
- The interface is outdated and does not scale to mobile devices

The goal of this project would be to transfer Courseware to the year 2018, relying on frameworks, easier to maintain or extend its functionality and usable on mobile devices.

Objective:
- Implement a fast backend with a REST API
- Implement a modern frontend using Angular2
- Restore the functionality of the current courseware system

Qualifications:
- Experience in Backend Development
- Experience in Angular2
- Interest in Fullstack Webdevelopment

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