Smart Exam Administration System

SEAS is a 2-side application which consists of a Server-Side and a Client-Side. In Client-Side, there are two different GUIs for both students and instructors. Within the GUI for students, users are able to see questions, type answers and test them whenever they need. At the same time, instructors have the opportunity to monitor the information gathered during the exam. Server-Side is responsible for compiling or testing the answers and analyzing collected data to reveal various problems such as cheating.

The objectives that the project team consider are providing reliable programming-based exams due to writing and testing codes on a paper lead some problems at the end of the day, more comfortable exam environments for students since the exams are supposed to be a test for their knowledge rather than their attention etc, making evaluation processes easier and less time consuming as well as giving a chance to improve both instructors and students themselves by using analyzed statistics provided by SEAS.

For reaching that objectives, the team's motivation is mainly focused on providing a better evaluation of knowledge at first. Thereby, lectures' efficiency might be increased through more accurate statistics. Besides that, a modern approach to examination might lead to improve brand values of educational institutions and decrease their paper usage which makes archiving become much easier than ever before.