



Final project proposal

Type	Undergraduate
Title	<i>Automated test case generation</i>
Supervisor	Assistant prof. Anastas Mishev, PhD
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Department / Group	
Topic(s)	
Software testing	
Project can start from	01.4.2014
Project duration	4 months
Short description	
Development of the test cases is the key component to high quality software. Good test cases guarantee better test coverage and higher reliability. There are various ways to develop these cases, some manual, and some automatic. The idea of the project is to analyze the current trends and best practices in automated test case generation, develop a framework and apply it to current projects	
Results and assessment	
Written report on the state of the art in automated test case generation, proposed framework for test generation as a prototype and its validation against current projects. Final 15 minutes presentation.	
Other (additional) information	
Knowledge in software engineering, software testing	