

## Review of Bachelor's Thesis

**Student:** Slávka Samuel  
**Title:** Tool for Test Run of Robotic Testing System (id 22976)  
**Reviewer:** Smrčka Aleš, Ing., Ph.D., DITS FIT BUT

1. **Assignment complexity** **average assignment**
2. **Completeness of assignment requirements** **assignment fulfilled**

The main objective of the bachelor's thesis was to design and implement solution for dry run of a real-life test run in YSoft company. This objective has been fulfilled.
3. **Length of technical report** **within minimum requirements**

The technical report consists of cca 40 pages which is the required minimum. I really miss the analysis of requirements of selected extension which would put a better light on the problem solved and would be used as a basis for simple requirement-based testing.
4. **Presentation level of technical report** **80 p. (B)**

Apart from missing the requirement analysis, the report is well written and describes the problem and the solution well.
5. **Formal aspects of technical report** **90 p. (A)**

Formal aspect of the technical report is with no issues.
6. **Literature usage** **90 p. (A)**

The literature consists of two kinds of sources: technical documentations about the used technologies, and books about software testing. I feel no problem with the bibliography and the citation ethics.
7. **Implementation results** **75 p. (C)**

The implemented extension is closely coupled with an existing solution in YSoft company. It consists of source code in C# of about 2000 PLOCs. Unfortunately, the code itself lacks comments which would introduce a reader or a maintainer to the ideas behind it, and it even lacks headers which are crucial when extending an existing system.
8. **Utilizability of results**

The proposed extension should be applied in Y Soft company.
9. **Questions for defence**
  - Please provide the list of main functional requirements of your solution and show which are implemented and which are covered by tests.
10. **Total assessment** **80 p. very good (B)**

The overall evaluation is slightly above average. The student analysed existing solution, designed and implemented an extension, and successfully applied it in the real environment.

In Brno 23 June 2020

Smrčka Aleš, Ing., Ph.D.  
reviewer