

Seminar Assignment Portfolio About Test Case Design



Assignment Objectives:

- Automatic generation of test cases. Tools

Prerequisite:

- Create a team – exactly 3 members. Add your team in the document from General->Files->PortofolioAboutTestCaseDesign_Teams_Papers.



Assignment

- **Take-Home assignment** (maximum 100XP)
 - TO DO:
 1. Select one of the provided papers (regarding a tool for test case design).
 2. *Summary document*. Read the paper and make a summary document of maximum 1 page (1 paragraph of the approach and the motivation of the tool, 1 paragraph about the aim of the tool and the novelty, 1 paragraph about how the tool was validated). This document must contain the title of the paper + doi + team members.
 3. *Tool analysis*. Download the tool described in the paper and use it for one project. Create a document of maximum 1 page describing the use of the tool: how easy/hard was to install it and used it, what benefits the tool offers (the results/findings with the tool). Add 3-5 screen captures of the tool in use (on your computer). This document must contain the title of the paper + doi + team members.
 4. *Create a video with the tool in use/execution for*. Prepare a 3 to 5 minutes video with the tool in execution for a designed scenario to illustrate the use of the tool, the findings and the benefits of using it. The video must contain your voice explaining the use of the tool for the specific scenario with comments on the findings.



Assignment and Delivery date:

1. Assignment date: seminar 3
2. Delivery date (first): seminar 4 (max 100 XP)
3. Delivery date (last): seminar 5 (max 50 XP)

Turn in:



Upload on Teams the following archive (93X change with your group, Name01Name02Name03 the name of the three members):

- a. PortofolioTestCaseDesign_93X_Name01Name02Name03.zip
 - i. one page document with the required paragraphs - *SummaryDocument*
 - ii. one page document with the required information – *ToolAnalysis*
 - iii. a video presentation for the tool in a specific scenario.
- b. Each team member must upload the assignment.

References



- See Lecture 2 and 3, Seminar 2 and 3, Laboratory 2 and 3 – discussions and activities.