Linnæus University

2DV608 – Assignment 0
Software Design

Discussion papers

This time you are asked to read two papers and prepare answers to some questions. You must do this individually (NO Teamwork).

Reading these historical papers are a preparation for lectures. The purpose is that you should understand the context for software design research and practice through a historical prism.

Your answers should not exceed 1000 words (app. 2 pages, 12pt Times new Roman single sp.)

Task 1 – Software Design

Read the "*No Silver Bullet - Essence and Accident in Software Engineering*" paper by F.P. Brooks. Reflect on the impact it has on software design in general. Enumerate three core problems and for each problem two to three possible mitigations.

Task 2 – The Design Question

Read the three chapters by F.P. Brooks (*The Design of Design - Essays from a Computer Scientist*). Reflect on the software design. Enumerate at least two problems that you recognize and describe when you experienced this and how you found a workaround.