

Empirical Software Engineering

Report 3 : Comparing Survey Studies

(15 Points)

You are responsible to complete a research task on selecting, summarizing and comparing survey research studies (except literature survey/review) in software engineering. In this exercise, each group needs to identify and select at least six survey research studies published at the venues (journal and conferences) in the year assigned to you. With reference to the lecture notes, each group needs to extract the characteristics of these six survey studies for reporting in terms of each element and step of survey research methodology. You need to synthesize and compare the six survey study results by tabulating them together. A report has to be compiled to present the summary and comparison. Note that the group presentations in class are scheduled in an ascending order.

DEADLINE: 11:59pm on (Sunday) May 28, 2023

Your group report should include the following sections:

Section 1: Study Summary (5 points)

Provide an overview of survey studies published in the assigned year, and what difference from your initial identification of survey studies in the first report.. List (at least) the six selected survey research studies by providing full citation (bibliographic) information and abstracts. Elaborate the reasons for why you selected those survey studies. Describe the problems (issues) you experienced with the study selection, information extraction, and comparison.

This section should be no more than 3 pages (A4 size).

Section 2: Study Comparison (10 points)

Tabulate and compare the methodological characteristics of the selected survey studies in a systematic, clear and comprehensive manner.

This section should be no more than 12 pages. (You may consider formatting your presentation in a landscape orientation.)

Assignment Deliverable:

The assignment deliverable should be submitted by the deadline. Each deliverable contains a cover page that clearly states the report number, task name, the year assigned to you with group members' names and student IDs, and the presenter's name, together with the presentation slides in one package.