CS411

SOFTWARE ARCHITECTURE DESIGN

2022-2023 FALL

PAPER REVIEW

You are asked to do the following staff as individual work:

1. Choose one of the following topic:
   - Microservice Architecture
   - Serverless Architecture
   - Event-driven Architecture
   - N-tiered (Layered) Architecture
   - Space-based Achitecture
   a. Write your reasoning why you choose that topic.
2. Choose a paper with at least 5 citations (based on scholar.google.com) and since 2018. Based on the paper:
   a. Summarize the paper
   b. Define the positive points and valuable contribution.
   c. Critique it and find the gaps (contradictions or inconsistencies in the article)
   d. Determine the unanswered/left questions
3. Prepare a report covering all of the above tasks and following the instructions below.

Instructions

A-Report preparation:

The report should have the following properties:

- It should contain details of the paper, author, year of publication, publisher, etc.
- It **should not exceed 2 pages**.
- The report should be self-contained. That is, the reader shouldn't feel the need to refer to any code/web site for understanding what you have done, s/he only needs to refer to the reference if s/he feels curious about some implementation detail.
- Cheating is prohibited.
- Your own ideas and your own words are expected.
- Creativity is appreciated.

B-Report Submission details:

- Deadline: **25th of November, 24:00 PM.**
- Email subject: CS411 paper review submission - [Name][Surname] (of the sender)
- Email body should contain: [Name] [Surname] - [Email address]-[Student ID]
- Attach the report in (**pdf format only)** and send to *altunel@bilkent.edu.tr* and TA.

Good luck