

Assigned Research Paper Study and Presentation

(10 points)

Due Date: 11:59pm on October 11, 2024

1. Objectives

Studying the research papers aims to broaden the view of learning from this class. The students will be exposed to the latest research and development from the top academic venues on requirements engineering beyond the scope of the course lectures. **This is a group research paper study assignment. Each group is formed by 2~3 students from the same level of class sessions. A 3-student group is strongly recommended.** All group members will receive the same grade at usual case.

2. Guidelines

We will explore the research papers published in the latest conferences on Requirements Engineering.

- Each Research Paper Group is assigned a full research paper with 9 pages or longer to study independently. Please go to Canvas to find the paper assigned to your group.
- Download the fulltext paper assigned to you from the SMU online resources. You are only expected to study and present the paper that is assigned to your group. You may follow the steps below to download the fulltext paper that is assigned to you.
 1. Go to SMU online resources - <https://guides.smu.edu/cse>
 2. Click “IEEE Xplore” -
 3. Sign in with your SMU ID and password.
 4. “Search” by the paper title assigned to you after you sign in.
 5. If multiple papers are displayed in the search results, please locate the one with exactly the same title and published in “2024 IEEE 32nd International Requirements Engineering Conference (RE)”.
 6. Download the fulltext paper.
- If you encounter any difficulties in understanding any paragraphs of the paper, you should search the references cited in the paragraph and study the materials presented in the cited reference papers.

3. Deliverables

- **A Research Paper Study Presentation:** Each Research Paper Group will deliver an up to 11-minute pre-recorded presentation. **Every student in the group must contribute to the paper study and co-present a part of the paper.**
- **Submissions: the URL of your pre-recorded presentation video and PPT slides**
 - a. **Please upload your video to YouTube as an unlisted video without a password. Please ensure your download link is accessible until the final letter grade is posted.**
 - b. **Copy and paste the web URL to your pre-recorded presentation video in the Comment Textbox of the “Research Paper Study Presentation” submission link on Canvas.**
 - c. The **PPT slides** of your presentation shall be submitted on Canvas **via the “Research Paper Study Presentation” submission link.**
 - d. **Missing video or PPT slides will result in a Zero grade for this assignment. Late submission penalty applies.** Please refer to the course website for the late submission penalty for all the assignments of this course.

Video Recording Tools:

Some free video capture tools are available online. Please feel free to use your video recording tool. Please make sure the video and audio quality is good enough to allow us to clearly hear your presentation and visualize your slides.

- You may use Zoom to record your presentation, **showing your slides and small speaker windows showing all group members** on the upper right corner of the screen.

4. Suggested Presentation Content (up to 10 slides)

- Why is the research important? What’s the motivations of the research?
- What’s the novelty of the research?
- What’s the methodology proposed or employed?
- A summary of evaluation results
- How can the proposed method be improved?

5. Grading Criteria

The grading is based on the quality of your paper study manifested through your presentation including but not limited to:

- the depth of understanding the novel methodologies and approaches proposed in the paper
- the depth and completeness of the insights that are discussed in the paper
- the understanding of the evaluation/experiment design and results presented by the paper
- the comprehensiveness of knowledge discussed in the paper

- the helpfulness of your presentation in educating the novel approaches and/or insights that are delivered by the paper.
- your own creative thinking about the deficiencies of the proposed methodologies and insights that are discussed in the paper.