SCHOOL OF SCIENCE, ENGINEERING & TECHNOLOGY

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## Enhance Group Collaboration using a Trackable Embedded Digital Tool

Ho Anh Khoa - Tran Minh Nhat - Duong My Uyen - Nguyen Duy Khang - Luu Van Thien Toan Supervisors: Dr Phan Cong Hoang, Mr Vu Thanh Minh

### Jogether

### We will make it better!

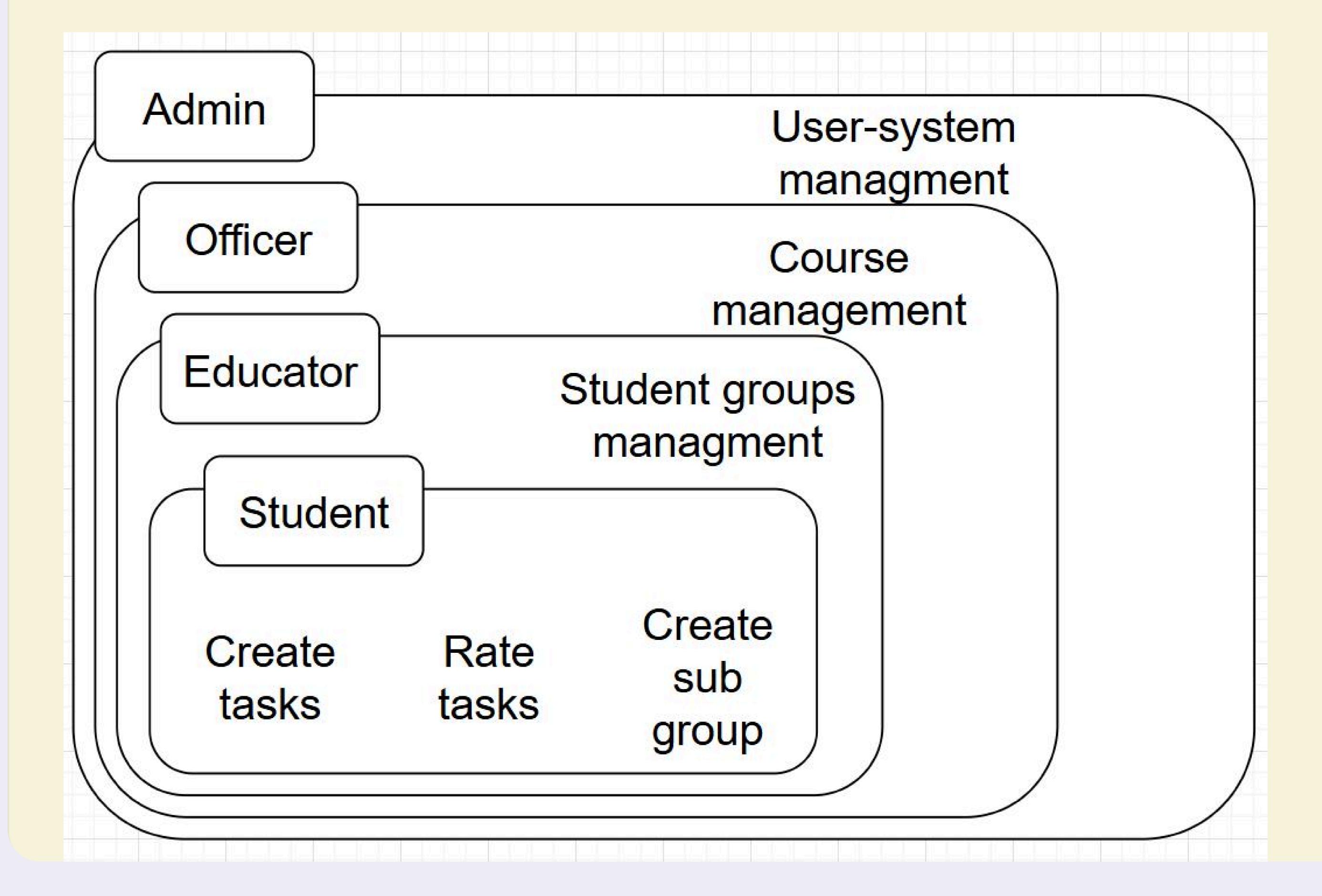
# Motivation and Background

- Teamwork is considered an essential skill in the success of future career.
- Difficulties in dividing group work, group conflict and different commit cause unbalancing work load, untrusting in internal group.
- Project quality does not meet due to imbalance work.
- Effective works result in better outcomes in the quality of product and bonds between members.



## The Methodology

We define roles for different group of user role in student group management. Inspired from project management tool such as Trello/Jira, we develop our students project management.





## Objectives

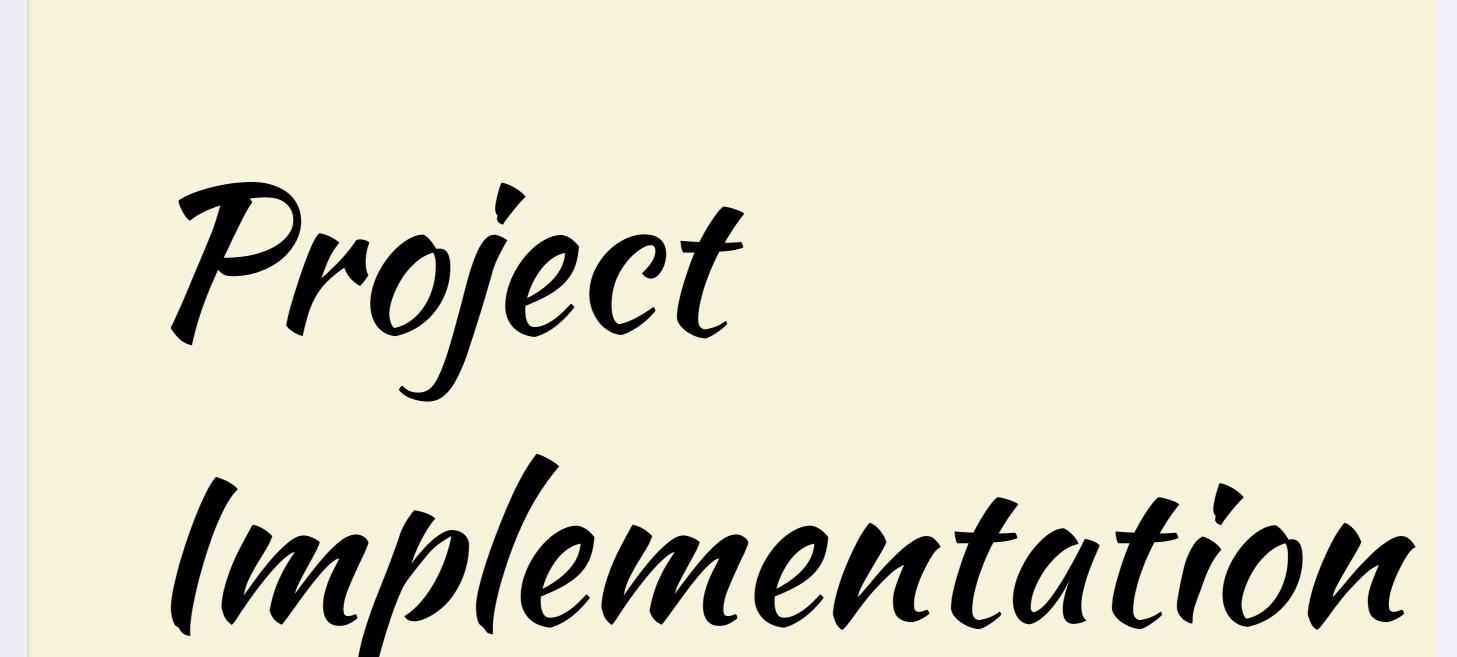
A digital application will be created to solve the above sticky situation in group work:

- Develop a system capable of creating a safe group work environment and identifying team constraints such as "free riders" and "insufficient work".
- Support group work from team formation to task completion.
- Optimize team formation strategies to enhance teaching effectiveness and student collaboration.

## Results



- Help students manage and track tasks
- Manage the quality of works
- Educators are able to track group internal process
- Enhance quality works within the group
- Reduce inequality group works



Core functions: As a educator, I can...

- Create group
- Assign task
- See project progress
- Feedback on my students' tasks

As a student, I can...

- Create tasks
- Rate member's works
- See/Track project progress
- Comment on my team's task

