

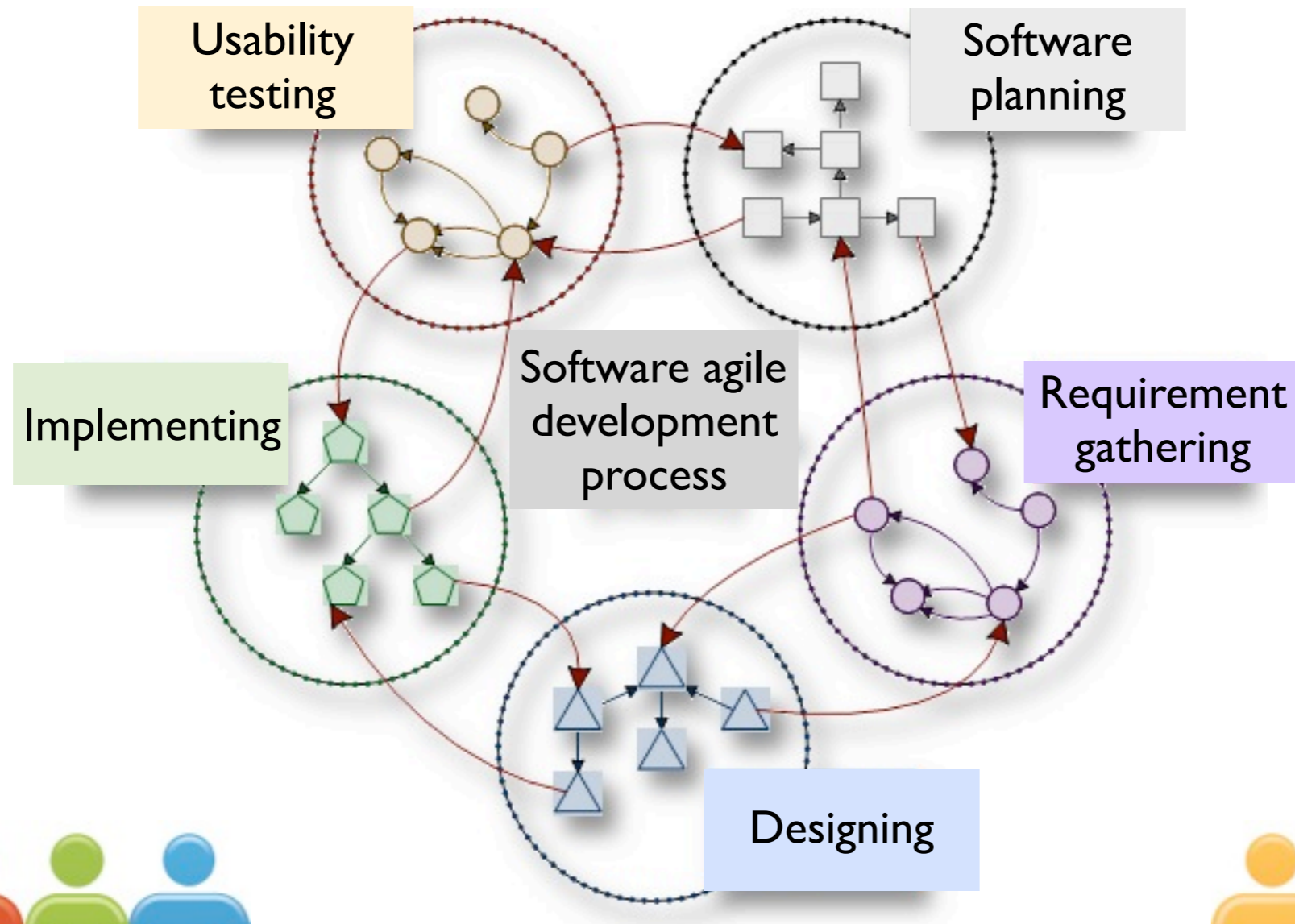
Working Together

Collaboration of CS4760, HU4628, CS5760

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Collaborations in Software Development

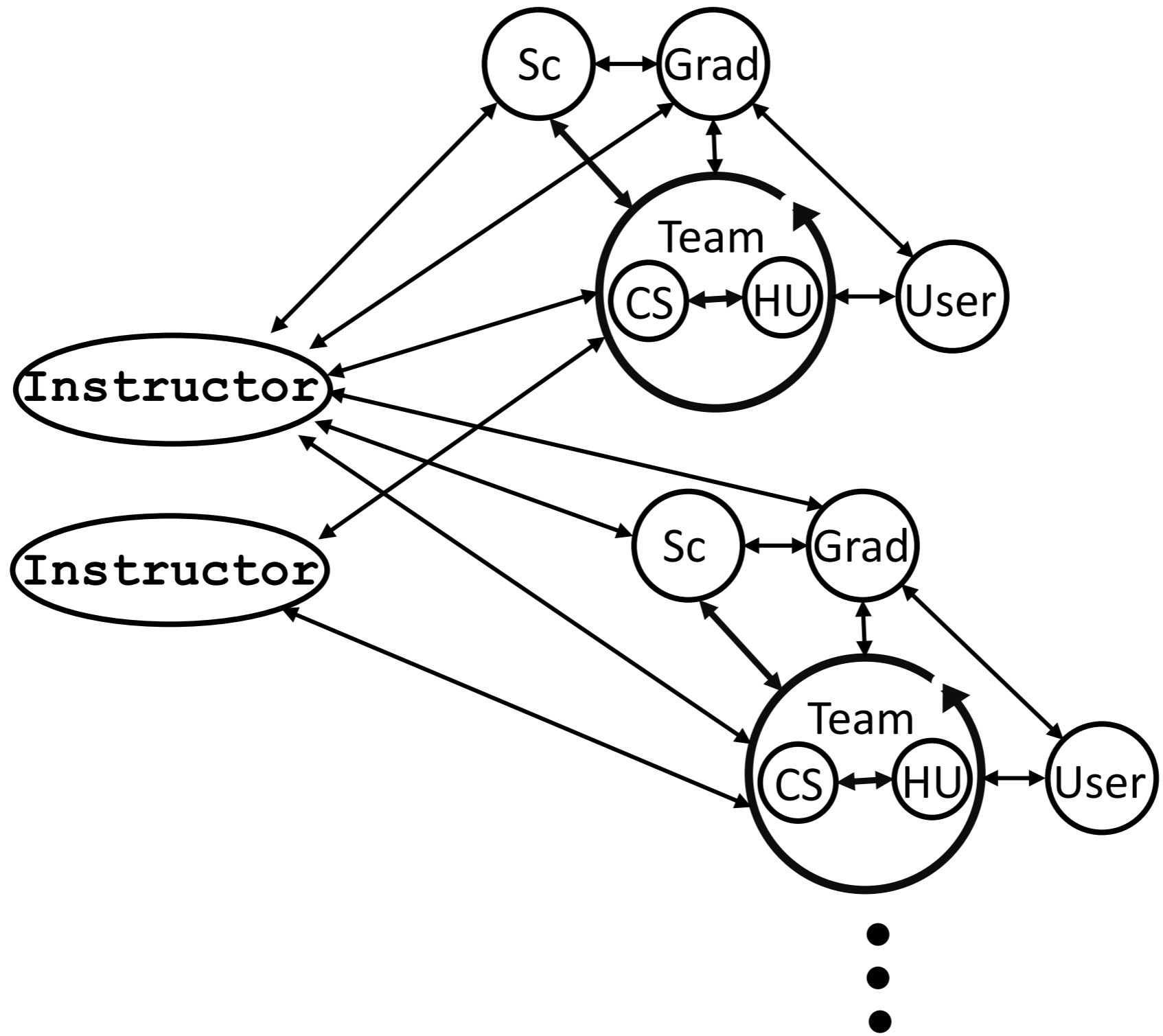


Project manager
Product owner
Client
User



User experience designer
Software engineer
Technical communicator
Usability tester

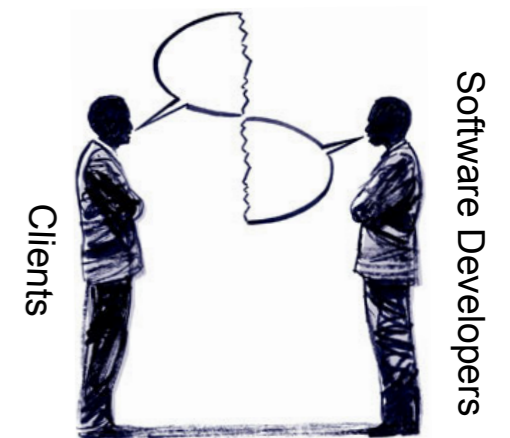
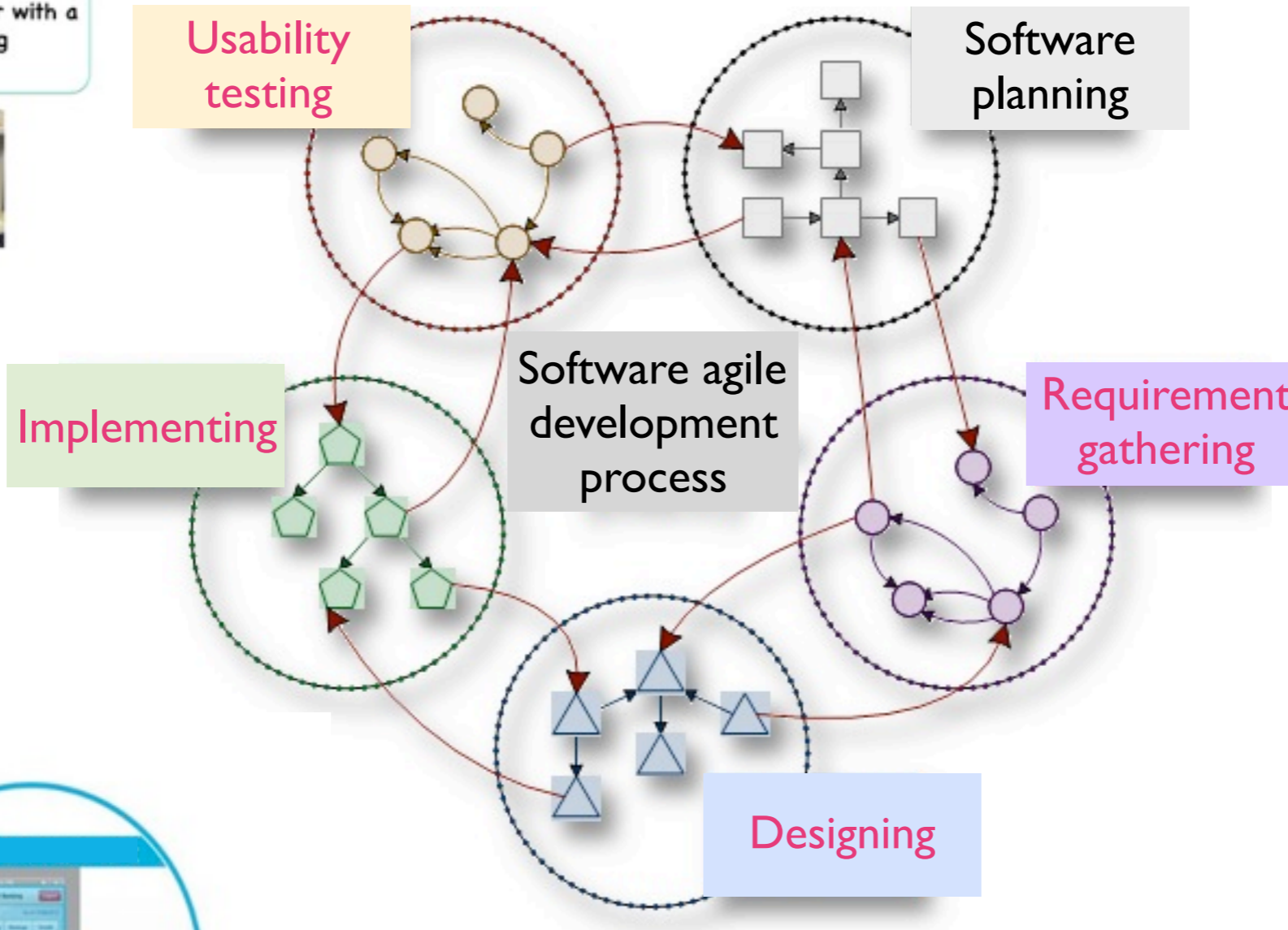




Problems

What programmers say:

We can communicate so much better with a tester who understands programming concepts



Team conflicts	CS students	STC students
Interpersonal conflicts	<ol style="list-style-type: none"> 1. Need more communication. 2. Need a leader. 3. Some of the teammates did not work a lot. 4. Split the work more evenly. 5. Develop more defined roles for each team member. 	<ol style="list-style-type: none"> 1. Need more communication. 2. Need a leader. 3. Keep the CS and STC students on the same page. 4. CS students did not see the importance of documents from STC students 5. CS students would not show up or speak in the meetings. 6. The clash of personalities between CS and STC members.
Task conflicts	<ol style="list-style-type: none"> 1. Better delegation of tasks. 2. More time to apply changes from feedback. 3. More time to learn Android development. 4. Earlier development. 5. Disagreement on app design. 	<ol style="list-style-type: none"> 1. Lack of clear expectations on what was to be used in the help documentation.

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What is a team?

- Social entities composed of members with high task interdependency and shared common goals (Dyer, 1984).
- A group of people with different specialities linked in a common purpose.
 - You common purposes:
 - Develop the app
 - Complete the course
- Teamwork: team members integrate and share information, coordinate and cooperate as task demands shift so as to complete their mission.

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What are the factors that influence your team collaboration?

- Time constraint
- Communication
- Task coordination
- Awareness of the contribution from the other discipline
- Personalities

Manual

- Getting to know one another
- Common goal
- Team structure
- Team process

Getting to know one another

- Know your team member's name
- Know what each person is good at
- Find a role for yourself and others in the team

Common goal

- Project goal: what are you ultimately trying to accomplish?
- Course goal: get an A or comfortable workload?
- A vision statement

Team structure

- leadership
 - Split tasks
 - Call meetings
 - Keep team members on track
 - Pay attention to team process
- Product owner (one STC team member)
- Project technical lead (one CS team member)

Team process

- Meeting & Emails
 - Subject
 - Task
 - Problem
- Progress
 - Burnt down chart
 - Development timeline

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