Lab 5 Tasks

Advanced Workshop

Spring 2025

Main Tasks

1. Teacher review feedback from last week on SRS partial document.

2. Teacher explains partial solutions for last week's tasks.

3. ~~Teacher mention slight change in long project description.~~

4. Students

   A. Update SRS partial documents according to feedback.

   B. Create state transition diagrams and users interfaces for **all** the use cases.

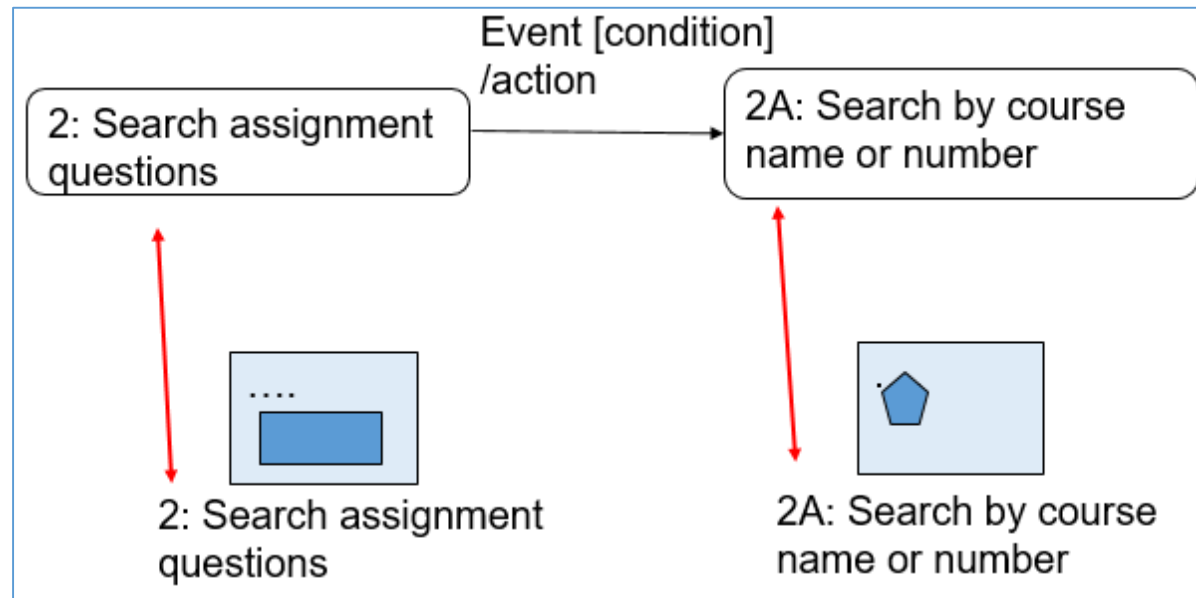   C. Create a scenario for each use case in the use case diagram in iSpace.

Task 1: Feedback from Last Week

- Complaint – when one member mess up and receive a poor score, the whole team suffers.

- Suggestion – each team should have a quality control (QC) person to check the work of team members.
  - Every 15 minutes or so during lab, check how each teammate is doing.
  - Make sure no one is doing something silly
    - Such as trying to draw a use case diagram without knowing what it is; tell him or her to check Lecture 4.
  - QC doesn't have to know everything; talk with teammates to figure things out. Work together as a team.
    - 三个臭皮匠顶个诸葛亮 Three cobblers are better than Zhu Geliang.
  - QC could be the team leader, or alternate each week with another person.

Task1: Feedback from Last Week

(1) Transition diagram and UI mismatch:

- Each state in the transition diagram must have a corresponding UI figure.
- Each state in the transition diagram must have a figure number and name.
- That figure number and name must **exactly match** the figure number and label in the corresponding UI.
    - The number and label pointed to by the double red arrow must match.

Task1: Feedback from Last Week

(1) Transition diagram and UI mismatch (continue):

- Every event in a transition diagram state must have a corresponding control in the UI diagram

  - If the transition diagram has the event "Click Button 1", the corresponding UI must have a Button 1.

- An UI diagram should not have any button, control object or other information not used in the transition diagram.

Task1: Feedback from Last Week

(2) Other transition diagram errors:

- The same figure number in a state cannot be reused in other state.

  - Cannot have "1. Login" and "1: Access Thesis".

- The same state cannot appear in more than one places in a transition diagram.
- Improper actions
  - "Go to Edit Course Page" is not a proper action, because the arrow in the transition diagram is already pointing to Edit Course Page.

(3) Scenario

- Many groups did not do scenario, even though that was clear marked as Task 3C.
- The scenario should use alternating lines for the user's input and the system's response.

Task1: Feedback from Last Week

(4) UI files

- The UIs in the UI file should be organized by the numbers in the label.
  - Many teams organized the UI by the use case, put all the UIs for use case 3.1, then all the use case 3.2, etc.
    - Some UIs appearing several times in the UI list with different label numbers.
- Organize the number in the UI this way:
  - UIs related to Login and Home Pages begin with 1
    - E.g. 1A, 1B1, 1C2a, etc.
  - UIs for Admin and O-Convener begin with 2
  - UIs for Data Provider begin with 3
  - UIs for Data Consumers begin with 4
  - UIs for general utilities begin with 5
  - List the UIs in the file numerically

Task1: Feedback from Last Week

(5) Failure to following instructions:

- A couple of teams did not put the UI in a separate file or did not submit the UI file at all.
    - Last week's submission instruction clearly stated submit two documents.
        - We require a separate UI file so it's easier to compare the transition diagram with the UI.

Submission

- Each group submits the partial SRS (two documents, ONE copy) into iSpace and GitHub .
    - Deadline: 11:55 pm, Tue 12 March 2024

- We gave you solution to the transition diagram and UIs for 3.2.2 Register Organization, but some teams did not use that and submitted their own version with errors.
    - Also some teams did not replace their error filled use case diagram in the SRS with the solution we gave last week.

Task1: Feedback from Last Week

(6) Miscellaneous
- In the cover,
  - Need to put down all the names of all team members in "Prepared by …".
  - Write down the contribution by each member: Full, Fair, Little or None.

- There's some issues on plagiarism, such as students copying works of other students.
- You cannot copy other student's work or allow other students to copy your work.
  - If you do, both teams receive 0.

- UIC has some strict policies on Academic Honesty.
  - We've mentioned it at the first week of class.

❊ *General Regulations for Undergraduate Degree Programmes* ❊

6. **Academic Dishonesty**[4]

6.1.   Students who are found to have committed an act of academic dishonesty such as plagiarism, submission of material(s) for assessment which is not the student's own work, the use of fabricated or copied data, shall receive an "F" grade for the course. In addition, the case may also be submitted to the Student Disciplinary Committee for further action.

6.2.   Cheating is one form of academic dishonesty which is defined as acting dishonestly in order to gain an

Task2: Teacher explains partial solution to last week's tasks

- Teacher explains Partial Transition Diagram and UI.pptx.
- I was going to give you a partial solution to last week's tasks, but I found an error late last night.
  - After I fix it, I will post it in iSpace and WeCom, hopefully sometime today.
- About Section 3.1 Login
  - There is a discrepancy between the use case description and the UI given for 3.2. Also the long description didn't say anything about login.
  - So I didn't grade it.
  - I will give you the solution tomorrow(?) for you to study and put into your SRS. You won't be grading 3.1.

Task4: New tasks this week

1. Students update the SRS according to the feedback.

2. Create the state transition, and UI diagrams for all the use cases.

   - If you received a high score for last week's work, you can make the small corrections to your diagrams as noted by the feedback.

   - If you got lots of things wrong last week, you should use the diagrams in the solution, but make sure you understand the diagrams in the solutions.

   - For better readability, put related use cases into the same transition diagram.

3. Create the basic scenarios for all use cases.

   - That helps you to do the transition diagram.

Submission

- Each group (company) submits the partial SRS and UI file (two documents, ONE copy) into iSpace and GitHub .

    - Deadline: 11:55 pm, Tuesday 11 March 2025

    - Don't submit too close to the deadline!

    - On the cover of the SRS next to the student names, leaders (with the support of most of the team) indicate how much each member contributed: Full, Fair, Little or None.