

Team 10 - 8th Meeting

Information

Time: 2020.10.27 (45 min)

Location: Library

Chairperson: Yani Huang

Secretary: Yuting Jiang

Translator: Yuting Jiang

Attendance: 6/6

Members	Yiming Tang, Shiliang Chen, Yani Huang, Ruizi Han, Yijie Lu, Yuting Jiang
Late	0
Absent	0

Agenda

The whole meeting is expected to take 45 minutes.

1. Complete the requirement survey . (25 min-30 min)
 - Introduction of the survey.
 - Questions about correctness.
 - Specify the total number of the survey we expect to collect.
 - Decide who is going to have meeting with the "Introduction of Algorithm" lecturer.
 2. Check the site together. (5 min)
 3. Discuss topic for the next formal meeting. (10 min- 15 min)
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Minute

Outcomes

1. Abridge and confirm the questions in the survey (About 20 minutes).
 - Delete Q5 and the UI question.
 - Change the options of Q4, Q7, Q10, Q11.
2. Think about the requirement (About 30 minutes).
 - Animated display function(control the speed, last step and first step. stop button).
 - The tutorial for beginners.
 - Multi-language.
 - What kind of sorting algorithms will be include? (six provided, multi-choices for users to choose).
 - Display the history record for users.
 - Cheat sheet (brief notes).
 - Questions about correctness.
3. Discuss the form of the proof the correctness (About 20 minutes).
 - The first version: do not include the abstract concepts(e.g. partial correctness), just prove that for any type of legal input, the algorithm will show the correct output. And for the illegal inputs, the algorithm will show the error or warning.
 - The second version: detailed introduce the necessary concepts, maybe include the proof rules. Explain concepts through intentional code failures. And user chooses whether to display the proof or not.
4. Check the site together (About 10 minutes).
 - Confirm the personal information.
 - Confirm the documents post on the site.
 - Have a public link for our Github.
5. Decide who will take the interview with the IPA module convenor (About 2 minutes).

Chairperson: Yuting JIANG

Secretary: Yijie LU and Ruizi HAN

Time: 10:00a.m. on October 29th

What is going to be discussed in the next meeting:

- Review what has been finished.
 - Check the info sheet and survey and the interview questions.
 - Decide when to release the survey and when to take the interview.
 - Discuss which version of correctness proof is better.
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Work summary for last stage

Task	Members	Report	Question	Completeness
Finish the ethic forms and info sheet.	Ruizi HAN and Yuting JIANG	/	How to submit	90%
Survey design.	Yani HUANG and Yijie LU	/	Correctness Questions and introduction part and swap the language order.	60%
Finish the basic design of our website.	Yani HUANG and Yiming TANG	/	/	100%

Tasks for next stage

Task	Members	DDL
Finish the questions of survey and write an English version.	Yani HUANG	10/28 12:00p.m.
The introduction part of survey.	Yijie LU and Ruizi HAN	10/28 12:00p.m.
Write the two versions of correctness proof plan.	Shiliang CHEN, Yijie LU, Yuting JIANG and Yiming TANG	10/28 12:00p.m.
Prepare the interview.	Shiliang CHEN, Yiming TANG and Yani HUANG	/

Problems

Priority(0 for highest, 5 for lowest)	Problem Description	Possible consequence	Proposer	Tentative Solution	Expected completion time
0	How to display the proof of sorting algorithms?	Cannot finish the requirement document.	All	Two ideas(detailed above).	10/29

Comments

The meeting proceeded smoothly but was not completed within the expected time. Maybe control the time more precisely next time.