

Appendix E. The material for a case study: instructions and task page for Case Study 1

Instructions:

1. Read the user stories carefully
2. Please identify **as many problems as possible**
3. **Highlight part of user stories** that you think **ambiguous**
4. **Choose** which decision that represent your finding
(P: potentially ambiguous, N: no risk of ambiguity)
5. Give **explanations** on why you think that the problems potentially cause ambiguity.

*) The first three user stories are given as examples, and some parts of user stories are underlined to help the identification of user stories problems

Exercises:

US_ID	User stories	Decision	Explanation
US1	As a registered student, I want to modify <u>my courses</u> [*] , so that I can change the way to take courses.	<input checked="" type="checkbox"/> P • N	The word "course" in US1 should be changed into "enrolment course scheme" in US1a to allow for a correct interpretation of which content is meant.
US2	As a registered student, I want to modify <u>my enrolment courses scheme</u> [*] , so that I can change the way to take courses.	• P <input checked="" type="checkbox"/> N	-
US3	As a visitor, I want to <u>search</u> [*] <u>and see available courses filtered by subject</u> [*] , so that I can choose the best course for me.	<input checked="" type="checkbox"/> P • N	Compound sentence should be removed by splitting US2 into two user stories. Because "and" it is not clear whether "search" holds only for available courses or also for available courses filtered by subject.
US4	As a visitor, I want to search available courses, so that I can choose the best course for me.	• P <input checked="" type="checkbox"/> N	
US5	As a visitor, I want to see available courses filtered by subject, so that I can choose the best course for me.	• P <input checked="" type="checkbox"/> N	
US6	As a registered student, I want to get notifications of course exams <u>within the course period</u> , so that I can take the exams.	<input checked="" type="checkbox"/> P • N	Not natural to understand . When?

US_ID	User stories	Decision	Explanation
US7	As a registered student, I want to get notifications of course exams at the end of the tutorials, so that I can take exams.	<input checked="" type="checkbox"/> P • N	At the end of every tutorials or one specific? The last one ?
US8	As a registered student, I want to get notifications of course exams <u>after completing the tutorial videos</u> , so that I can take the exams.	• P <input checked="" type="checkbox"/> N	
US9	As a registered student, I want to <u>participate</u> in an online discussion forum, so that I can see my questions appear.	<input checked="" type="checkbox"/> P • N	What do you mean by participate?
US10	As an administrator, I can <u>limit courses</u> , so that I can delete overdue posted courses in the platform.	<input checked="" type="checkbox"/> P • N	Limit course is vague
US11	As an administrator, I can limit the duration of posted courses, so that I can delete overdue posted courses in the platform.	• P <input checked="" type="checkbox"/> N	
US12	As an administrator, I can delete overdue courses in the platform, so that I can limit the number of posted courses in the platform.	• P <input checked="" type="checkbox"/> N	
US13	As a visitor, I want to register to post questions in a discussion forum, so that I can post my questions.	• P <input checked="" type="checkbox"/> N	
US14	As a visitor, I want to post my questions in a discussion forum, so that I can see questions and feedback.	<input checked="" type="checkbox"/> P • N	You don't need to post to see question

US_ID	User stories	Decision	Explanation
US15	<i>As a visitor, I want to reply to questions in a discussion forum, so that I can see my questions appear.</i>	<input checked="" type="checkbox"/> P • N	<i>Same as before</i>
US16	<i>As a registered student, I want to reply to questions in a discussion forum, so that I can see my questions appear.</i>	<input checked="" type="checkbox"/> P • N	<i>Same as before</i>
US17	<i>As a registered user, I want to post questions in a discussion forum, so that I can see my questions appear.</i>	• P <input checked="" type="checkbox"/> N	
US18	<i>As a registered student, I want to <u>review my questions</u>, so that I can get feedback from others.</i>	<input checked="" type="checkbox"/> P • N	<i>Not precise enough to just tell I want to review question.</i>
US19	<i>As a registered student, I want to see feedbacks on my questions, so that I can get feedback from others.</i>	• P <input checked="" type="checkbox"/> N	
US20	<i>As a registered student, I want to receive notification of removal, so that I can personally keep courses.</i>	• P <input checked="" type="checkbox"/> N	
US21	<i>As a registered student, I want to view my questions feedback, so that I can get feedback from others.</i>	• P <input checked="" type="checkbox"/> N	