

COS20001 –USER CENTRE DESIGN

TASK 7.3 USABILITY EVALUATION & USABILITY REQUIREMENTS

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Part 1. Usability Tasks

Task 1: Create a simple account as the student profile.

Task 1. Please rate the difficulty of this task:

	1	2	3	4	5	
Very Easy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Hard

Task 2: Login to an account that you just created on task 1

Task 2. Please rate the difficulty of this task:

	1	2	3	4	5	
Very Easy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Very Hard

Task 3: Use teacher account to create a quiz about "Mathematics".

Task 3. Please rate the difficulty of this task:

1 2 3 4 5

Very Easy ☐ ☐ ☐ ☐ ☐ Very Hard

Task 4: Use student account to enter any quizzes from teacher.

Task 4. Please rate the difficulty of this task:

1 2 3 4 5

Very Easy ☐ ☐ ☐ ☐ ☐ Very Hard

Task 5: Use teacher account to create a classroom named UCD.

Task 5. Please rate the difficulty of this task:

1 2 3 4 5

Very Easy ☐ ☐ ☐ ☐ ☐ Very Hard

Part 2. Usability Requirements

User role	Usability Goal	Measuring Instrument	Metric	Target
Student	Effective	Task 1: Create a simple account as the student profile.	Average time to complete	4 minutes
Student	Effectiveness	Task 1: Create a simple account as the student profile.	Rate for the complete successfully	80%
Student	Satisfaction	Task 1: Create a simple account as the student profile.	Average rating in task difficulty	3 or less
Student	Effective	Task 2: Login to an account that you just created on task 1	Average time to complete	30 seconds
Student	Effectiveness	Task 2: Login to an account that you just created on task 2	Rate for the complete successfully	90%

Student	Satisfaction	Task 2: Login to an account that you just created on task 3	Average rating in task difficulty	2 or less
Teacher	Effective	Task 3: Use teacher account to create a quiz about "Mathematics".	Average time to complete about 10 questions	10 minutes
Teacher	Effectiveness	Task 3: Use teacher account to create a quiz about "Mathematics".	Rate for the complete successfully about 10 questions	70%
Teacher	Satisfaction	Task 3: Use teacher account to create a quiz about "Mathematics".	Average rating in task difficulty about 10 questions	4 or less
Student	Effective	Task 4: Use student account to enter any quizzes from teacher.	Average time to complete	5 seconds
Student	Effectiveness	Task 4: Use student account to enter any quizzes from teacher.	Rate for the complete successfully	80%
Student	Satisfaction	Task 4: Use student account to enter any quizzes from teacher.	Average rating in task difficulty	2 or less
Teacher	Effective	Use teacher account to create a classroom named UCD.	Average time to complete	2 minutes
Teacher	Effectiveness	Use teacher account to create a classroom named UCD.	Rate for the complete successfully	80%
Teacher	Satisfaction	Use teacher account to create a classroom named UCD.	Average rating in task difficulty	3 or less
Teacher	Satisfaction	System Usability Scale (SUS)	Average SUS score	60 or higher
Student	Satisfaction	System Usability Scale (SUS)	Average SUS score	70 or higher