

SYSTEM ACCEPTANCE (FIRST VERSION)

系統驗收問卷 (第一版)

(WEBLEI & SUS QUESTIONNAIRE FOR STUDENT)

Name / 姓名 : _____

Gender / 性別 : ☐ Male / 男 ☐ Female / 女

Class / 班級 : _____

Date / 日期 : ____/____/2019

This questionnaire will indicate your perception after using the system. Please indicates how strongly you agree or disagree with each statement by circle the correct numeric response.

請依據您在系統使用後自己的感受，圈選最適合的選項來回答下列問題:

No / 編 號	Item / 題 目	Strongly Disagree / 非 常 不 同 意	Disagree / 不 同 意	No Opinion / 沒 有 意 見	Agree / 同 意	Strongly Agree / 非 常 同 意
Web-based Learning Environment Instrument						
1	This system (Synchronous Collaborative Argumentation System) makes it easier for me to do argument activity.	1	2	3	4	5

	對我來說，使用「同步合作論證學習平台」進行論證活動是容易使用的。					
2	<p>This system (Synchronous Collaborative Argumentation System) suitable for me to do argument activity with my peers.</p> <p>對我來說，使用「同步合作論證學習平台」適合與小組成員一起進行論證活動的。</p>	1	2	3	4	5
3	<p>I am encouraged to explore concepts beyond my regular based lessons by using this system (Synchronous Collaborative Argumentation System).</p> <p>對我來說，使用「同步合作論證學習平台」可以學習到課程以外的其他知識。</p>	1	2	3	4	5
4	<p>The functions in this system (Synchronous Collaborative Argumentation System) are good for me to enter and join the learning activity.</p> <p>我認為「同步合作論證學習平台」所提供的功能，可以幫助我進行論證活動學習的。</p>	1	2	3	4	5
5	It is easy to work collaboratively with other students involved in a group	1	2	3	4	5

	<p>project using this system (Synchronous Collaborative Argumentation System).</p> <p>我認為「同步合作論證學習平台」可以讓我與小組成員之間能夠互相合作討論、溝通不同的想法。</p>					
6	<p>I was supported by positive attitude from my peers when using this system (Synchronous Collaborative Argumentation System).</p> <p>對我來說，使用「同步合作論證學習平台」，可以經常得到小組成員的回饋。</p>	1	2	3	4	5
7	<p>The system (Synchronous Collaborative Argumentation System) provide “help” and “tutorial” function so it helps me better on using it.</p> <p>我認為「同步合作論證學習平台」所提供的「幫助」與「教學」功能，可以幫助我了解此系統如何使用。</p>	1	2	3	4	5
8	<p>The technology resources in this system (Synchronous Collaborative Argumentation System) enhance learning.</p>	1	2	3	4	5

	我認為「同步合作論證學習平台」 提供的所有資源，可以增強學習成效。					
9	I am confident and feeling at ease using this system (Synchronous Collaborative Argumentation System). 對我來說，「同步合作論證學習平台」是簡單使用的。	1	2	3	4	5
10	The steps and plots in the system (Synchronous Collaborative Argumentation System) are rights and easy to follow. 我認為，「同步合作論證學習平台」所提供步驟與圖表是簡單明瞭的。	1	2	3	4	5
11	Do collaborative argument activity with this system (Synchronous Collaborative Argumentation System) is more effective. 對我來說，使用「同步合作論證學習平台」，在協作學習是有幫助的。	1	2	3	4	5
12	I don't have to remember many things because the structure in the system (Synchronous Collaborative Argumentation System) is easy to follow, remember and understand.	1	2	3	4	5

	對我來說，使用「同步合作論證學習平台」時，使用流程是讓人容易了解的。					
13	<p>I felt a sense of satisfaction and achievement about this learning environment using this system (Synchronous Collaborative Argumentation System).</p> <p>我認為「同步合作論證學習平台」提供的學習環境，可以讓我感到滿足感與成就感。</p>	1	2	3	4	5
14	<p>The graphics used in the material are appropriate in this system (Synchronous Collaborative Argumentation System).</p> <p>我認為在「同步合作論證學習平台」所顯示的圖片與Icon，是讓人容易了解的。</p>	1	2	3	4	5
15	<p>The colors used in the material are appropriate in this system (Synchronous Collaborative Argumentation System)</p> <p>我認為在「同步合作論證學習平台」的介面顏色，是合適的。</p>	1	2	3	4	5
16	<p>The links provided in the material are clearly visible and logical in this system (Synchronous Collaborative Argumentation System).</p>	1	2	3	4	5

	我認為「同步合作論證學習平台」所提供的功能，在此系統中，可以快速地找到。					
17	The links provided are relevant and appropriate to the main function in this system (Synchronous Collaborative Argumentation System). 我認為「同步合作論證學習平台」所提供的功能，在此系統中，是合適的。	1	2	3	4	5
18	The links provided are reliable and no inactive links in this system (Synchronous Collaborative Argumentation System). 我認為「同步合作論證學習平台」所提供的功能，在此系統中，是可靠、有用的。	1	2	3	4	5
19	The good interface make it easier for me to use this system (Synchronous Collaborative Argumentation System). 整體而言，我認為「同步合作論證學習平台」有良好的介面，能夠讓我更容易使用。	1	2	3	4	5
20	The online learning approach is suitable for collaborative argumentation learning activity.	1	2	3	4	5

	<p>整體而言，我認為同步合作論證學習活動，適合在線上進行的。</p>					
The System Usability Scale						
21	<p>I think that I would like to use this system (Synchronous Collaborative Argumentation System) frequently.</p> <p>我覺得使用「同步合作論證學習平台」，能提高我進行論證活動的意願。</p>	1	2	3	4	5
22	<p>I found the system (Synchronous Collaborative Argumentation System) unnecessarily complex.</p> <p>對我來說，熟練的使用「同步合作論證學習平台」是容易的。</p>	1	2	3	4	5
23	<p>I thought the system (Synchronous Collaborative Argumentation System) was easy to use.</p> <p>當我在使用「同步合作論證學習平台」時，系統介面與互動方式對我而言是簡單且容易了解的。</p>	1	2	3	4	5
24	<p>I think that I would need the support of a technical person to be able to use this system (Synchronous Collaborative Argumentation System).</p> <p>當我在使用「同步合作論證學習平台」時，須要有專業人員來輔助，才能使用此系統。</p>	1	2	3	4	5

25	<p>I found the various functions in this system (Synchronous Collaborative Argumentation System) were well integrated.</p> <p>整體而言，我認為「同步合作論證學習平台」所提供的功能，是完整的。</p>	1	2	3	4	5
26	<p>I thought there was too much inconsistency in this system (Synchronous Collaborative Argumentation System).</p> <p>整體而言，我認為「同步合作論證學習平台」的介面與功能不太一致。</p>	1	2	3	4	5
27	<p>I would imagine that most people would learn to use this system (Synchronous Collaborative Argumentation System) very quickly.</p> <p>我認為，會有許多人有意願使用此系統，來進行論證活動。</p>	1	2	3	4	5
28	<p>I found the system (Synchronous Collaborative Argumentation System) very hard to use.</p> <p>整體而言，我認為「同步合作論證學習平台」，是很難使用的。</p>	1	2	3	4	5
29	<p>I felt very confident using the system (Synchronous Collaborative Argumentation System).</p>	1	2	3	4	5

	整體而言，我認為「同步合作論證學習平台」，是容易使用的。					
30	<p>I needed to learn a lot of things before I could get going with this system (Synchronous Collaborative Argumentation System).</p> <p>當我在使用「同步合作論證學習平台」之前，必須要先學習其他相關論證項目，才能夠了解此系統。</p>	1	2	3	4	5

Description / 描述:

1. These questionnaires are adapted from Web-based Learning Environment Instrument (WEBLEI) developed by Chang & Fisher, 2003 and The System Usability Scale (SUS) developed by Tullis and Stetson, 2004.

這些問卷改編來自於 Web-based Learning Environment Instrument (WEBLEI) by Chang & Fisher, 2003 and The System Usability Scale (SUS) developed by Tullis and Stetson, 2004.

2. Consist 30 items of Questionnaire / 此問卷中包括 30 項調查;
 - WEBLEI : 20 items / 項
 - SUS : 10 items / 項

3. Using Likert type format ranging; strongly agree – strongly disagree.

本問卷使用 Likert 類型格式範圍; 非常同意 - 非常不同意

4. For WEBLEI questionnaire, the high number/strongly agree respond indicate positive attitude towards the system. For SUS questionnaire include tricky question to get the honest opinion. (The key is included)

在 WEBLEI 問卷，高數量/強烈同意的回應代表覺得系統是有用性、易用性的。

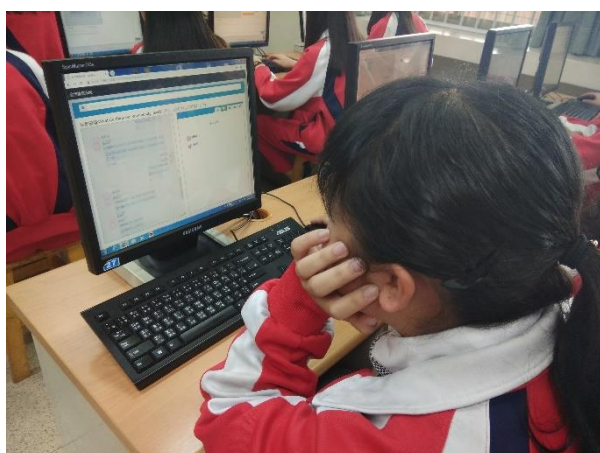
在 SUS 問卷，包括了一些負面的問卷項目，請仔細填寫問卷。

To avoid mistakes in choosing the right number, then remind the respondent to **read again and make sure they don't get the wrong meaning of each questions.**

請填答者再次閱讀填寫內容，並確保每個問題都有進行填寫並且確認填寫內容。

Appendix b: Research Documentation

1. The Activity on 15th April 2019 (first prototype)



2. The Activity on 18th April 2019 (second prototype)



Appendix c: Student's Password to Enter the System

學號 (ID)	班級 (class)	座號 (seat number)	email password (from us)	Name
618315	應英二己	1	2ndgradestudent1@yahoo.com	Student 1
618318	應英二己	2	2ndgradestudent2@yahoo.com	Student 2
618401	應英二己	3	2ndgradestudent3@yahoo.com	Student 3
618403	應英二己	4	2ndgradestudent4@yahoo.com	Student 4
618404	應英二己	5	2ndgradestudent5@yahoo.com	Student 5
618407	應英二己	6	2ndgradestudent6@yahoo.com	Student 6
618408	應英二己	7	2ndgradestudent7@yahoo.com	Student 7
618409	應英二己	8	2ndgradestudent8@yahoo.com	Student 8
618410	應英二己	9	2ndgradestudent9@yahoo.com	Student 9
618411	應英二己	10	2ndgradestudent10@yahoo.com	Student 10
618412	應英二己	11	2ndgradestudent11@yahoo.com	Student 11
618414	應英二己	12	2ndgradestudent12@yahoo.com	Student 12
618415	應英二己	13	2ndgradestudent13@yahoo.com	Student 13
618416	應英二己	14	2ndgradestudent14@yahoo.com	Student 14
618417	應英二己	15	2ndgradestudent15@yahoo.com	Student 15
618418	應英二己	16	2ndgradestudent16@yahoo.com	Student 16
618419	應英二己	17	2ndgradestudent17@yahoo.com	Student 17

618420	應英二己	18	2ndgradestudent18@yahoo.com	Student 18
618421	應英二己	19	2ndgradestudent19@yahoo.com	Student 19
618424	應英二己	20	2ndgradestudent20@yahoo.com	Student 20
618426	應英二己	21	2ndgradestudent21@yahoo.com	Student 21
618427	應英二己	22	2ndgradestudent22@yahoo.com	Student 22
618428	應英二己	23	2ndgradestudent23@yahoo.com	Student 23
618429	應英二己	24	2ndgradestudent24@yahoo.com	Student 24
618430	應英二己	25	2ndgradestudent25@yahoo.com	Student 25
618431	應英二己	26	2ndgradestudent26@yahoo.com	Student 26
618432	應英二己	27	2ndgradestudent27@yahoo.com	Student 27
618433	應英二己	28	2ndgradestudent28@yahoo.com	Student 28
618434	應英二己	29	2ndgradestudent29@yahoo.com	Student 29
618435	應英二己	30	2ndgradestudent30@yahoo.com	Student 30
618436	應英二己	31	2ndgradestudent31@yahoo.com	Student 31
618437	應英二己	32	2ndgradestudent32@yahoo.com	Student 32
618438	應英二己	33	2ndgradestudent33@yahoo.com	Student 33
618439	應英二己	34	2ndgradestudent34@yahoo.com	Student 34
618440	應英二己	35	2ndgradestudent35@yahoo.com	Student 35
618441	應英二己	36	2ndgradestudent36@yahoo.com	Student 36
618442	應英二己	37	2ndgradestudent37@yahoo.com	Student 37
618443	應英二己	38	2ndgradestudent38@yahoo.com	Student 38

618444	應英二己	39	2ndgradestudent39@yahoo.com	Student 39
618445	應英二己	40	2ndgradestudent40@yahoo.com	Student 40
618446	應英二己	41	2ndgradestudent41@yahoo.com	Student 41
618447	應英二己	42	2ndgradestudent42@yahoo.com	Student 42
618448	應英二己	43	2ndgradestudent43@yahoo.com	Student 43
618449	應英二己	44	2ndgradestudent44@yahoo.com	Student 44
618450	應英二己	45	2ndgradestudent45@yahoo.com	Student 45
618451	應英二己	46	2ndgradestudent46@yahoo.com	Student 46
618453	應英二己	47	2ndgradestudent47@yahoo.com	Student 47
618456	應英二己	48	2ndgradestudent48@yahoo.com	Student 48