Usability Testing

Abenes, Enrico(Surveyed & Calculated the SUS score)   INTL 1

Almora, Carlos Samkitan(Surveyed & Printed out the questionnaires and prototype)

Tangalin, Sherwyne Jean(Organized the Document & Surveyed)

SUS Questionnaire:

	1	2	3	4	5
1. I think that I would like to use this system frequently.					
2. I found the system unnecessarily complex.					
3. I thought the system was easy to use.					
4. I think that I would need the support of a technical person to be able to use this system.					
5. I found the various functions in this system were well integrated.					
6. I thought there was too much inconsistency in this system.					
7. I would imagine that most people would learn to use this system very quickly.					
8. I found the system very cumbersome to use.					
9. I felt very confident using the system.					
10. I needed to learn a lot of things before I could get going with this system.					

Result:

Participants	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
N/A	5	4	5	2	3	3	3	3	4	3
Joyce	4	3	2	3	3	2	2	3	3	4
N/A	4	4	4	3	3	3	4	3	4	2
N/A	3	2	5	1	4	2	5	3	4	2
N/A	3	3	4	2	5	3	5	2	5	3
N/A	5	1	5	2	5	1	5	3	4	1
Aiza	4	3	4	2	4	3	4	3	3	4
N/A	5	4	5	1	5	1	5	3	5	1
Mayz	5	4	4	2	4	3	4	4	4	1
Bhea	5	2	4	2	4	3	4	4	4	1
Mj	3	3	2	4	2	3	3	3	2	4
N/A	5	5	5	3	4	2	5	3	4	3
N/A	5	3	5	2	3	2	4	3	4	2
N/A	4	3	4	2	4	2	4	4	5	3
N/A	4	4	4	2	3	3	4	3	3	3

Odd	Even		Odd(0)	Even(0)		SUS		Grade
20	15		15	10		62.5		D
14	15		9	10		47.5		F
19	15		14	10		60		D
21	10		16	15		77.5		B
22	13		17	12		72.5		B
24	8		19	17		90		A
19	15		14	10		60		D
25	10		20	15		87.5		A
21	14		16	11		67.5		D
21	12		16	13		72.5		B
12	17		7	8		37.5		F
23	16		18	9		67.5		D
21	12		16	13		72.5		B
21	14		16	11		67.5		D
18	15		13	10		57.5		D

Solutions:

ODD[X and X(0)] Solution

Formula: $X = No.1 + No.3 + No.5 + No.7 + No.9$ $X(0) = X - 5$

Participant 1: $X_1 = 5 + 5 + 3 + 3 + 4 = 20$ $X_1(0) = 20 - 5 = 15$

Participant 2: $X_2 = 4 + 2 + 3 + 2 + 3 = 14$ $X_2(0) = 14 - 5 = 9$

Participant 3: $X_3 = 4 + 4 + 3 + 4 + 4 = 19$ $X_3(0) = 19 - 5 = 14$

Participant 4: $X_4 = 3 + 5 + 4 + 5 + 4 = 21$ $X_4(0) = 21 - 5 = 16$

Participant 5: $X_5 = 3 + 4 + 5 + 5 + 5 = 22$ $X_5(0) = 22 - 5 = 17$

Participant 6: $X_6 = 5 + 5 + 5 + 5 + 4 = 24$ $X_6(0) = 24 - 5 = 19$

Participant 7: $X_7 = 4 + 4 + 4 + 4 + 3 = 19$ $X_7(0) = 19 - 5 = 14$

Participant 8: $X_8 = 5 + 5 + 5 + 5 + 5 = 25$ $X_8(0) = 25 - 5 = 20$

Participant 9: $X_9 = 5 + 4 + 4 + 4 + 4 = 21$ $X_9(0) = 21 - 5 = 16$

Participant 10: $X_{10} = 5 + 4 + 4 + 4 + 4 = 21$ $X_{10}(0) = 21 - 5 = 16$

Participant 11: $X_{11} = 3 + 2 + 2 + 3 + 2 = 12$ $X_{11}(0) = 12 - 5 = 7$

Participant 12: $X_{12} = 5 + 5 + 4 + 5 + 4 = 23$ $X_{12}(0) = 23 - 5 = 18$

Participant 13: $X_{13} = 5 + 5 + 3 + 4 + 4 = 21$ $X_{13}(0) = 21 - 5 = 16$

Participant 14: $X_{14} = 4 + 4 + 4 + 4 + 5 = 21$ $X_{14}(0) = 21 - 5 = 16$

Participant 15: $X_{15} = 4 + 4 + 3 + 4 + 3 = 18$ $X_{15}(0) = 18 - 5 = 13$

EVEN[Y and Y(0)] Solution

Formula: $Y = No.2 + No.4 + No.6 + No.8 + No.10$ $Y(0) = 25 - Y$

Participant 1: $Y_1 = 4 + 2 + 3 + 3 + 3 = 15$ $Y_1(0) = 25 - 15 = 10$

Participant 2: $Y_2 = 3 + 3 + 2 + 3 + 4 = 15$ $Y_2(0) = 25 - 15 = 10$

Participant 3: $Y_3 = 4 + 3 + 3 + 3 + 2 = 15$ $Y_3(0) = 25 - 15 = 10$

Participant 4: $Y_4 = 2 + 1 + 2 + 3 + 2 = 10$ $Y_4(0) = 25 - 15 = 15$

Participant 5: $Y_5 = 3 + 2 + 3 + 2 + 3 = 13$ $Y_5(0) = 25 - 15 = 12$

Participant 6: $Y_6 = 1 + 2 + 1 + 3 + 1 = 8$ $Y_6(0) = 25 - 15 = 17$

Participant 7: $Y_7 = 3 + 2 + 3 + 3 + 4 = 15$ $Y_7(0) = 25 - 15 = 10$

Participant 8: $Y_8 = 4 + 1 + 1 + 3 + 1 = 10$ $Y_8(0) = 25 - 15 = 15$

Participant 9: $Y_9 = 4 + 2 + 3 + 4 + 1 = 14$ $Y_9(0) = 25 - 15 = 11$

Participant 10: $Y_{10} = 2 + 2 + 3 + 4 + 1 = 12$ $Y_{10}(0) = 25 - 15 = 13$

Participant 11: $Y_{11} = 3 + 4 + 3 + 3 + 4 = 17$ $Y_{11}(0) = 25 - 15 = 8$

Participant 12: $Y_{12} = 5 + 3 + 2 + 3 + 3 = 16$ $Y_{12}(0) = 25 - 15 = 9$

Participant 13: $Y_{13} = 3 + 2 + 2 + 3 + 2 = 12$ $Y_{13}(0) = 25 - 15 = 13$

Participant 14: $Y_{14} = 3 + 2 + 2 + 4 + 3 = 14$ $Y_{14}(0) = 25 - 15 = 11$

Participant 15: $Y_{15} = 4 + 2 + 3 + 3 + 3 = 15$ $Y_{15}(0) = 25 - 15 = 10$

SUS Solutions and Grading System

Formula: $SUS = X(0) + Y(0) * \left(\frac{5}{2}\right)$

$GRADE = \text{"F"} < 51, \text{"D"} >= 51 \ \& \ < 68, \text{"C"} = 68, \text{"B"} > 68 =< 80, \text{"A"} > 80$

Participant 1: $SUS_1 = 15 + 10 * \left(\frac{5}{2}\right) = 62.5$ $GRADE_1 = D$

Participant 2: $SUS_2 = 9 + 10 * \left(\frac{5}{2}\right) = 47.5$ $GRADE_2 = F$

Participant 3: $SUS_3 = 14 + 10 * \left(\frac{5}{2}\right) = 60$ $GRADE_3 = D$

Participant 4: $SUS_4 = 16 + 15 * \left(\frac{5}{2}\right) = 77.5$ $GRADE_4 = B$

Participant 5: $SUS_5 = 17 + 12 * \left(\frac{5}{2}\right) = 72.5$ $GRADE_5 = B$

Participant 6: $SUS_6 = 19 + 17 * \left(\frac{5}{2}\right) = 90$ $GRADE_6 = A$

Participant 7: $SUS_7 = 14 + 10 * \left(\frac{5}{2}\right) = 60$ $GRADE_7 = D$

Participant 8: $SUS_8 = 20 + 15 * \left(\frac{5}{2}\right) = 87.5$ $GRADE_8 = A$

Participant 9: $SUS_9 = 16 + 11 * \left(\frac{5}{2}\right) = 67.5$ $GRADE_9 = D$

Participant 10: $SUS_{10} = 16 + 13 * \left(\frac{5}{2}\right) = 72.5$ $GRADE_{10} = B$

Participant 11: $SUS_{11} = 7 + 8 * \left(\frac{5}{2}\right) = 37.5$ $GRADE_{11} = F$

Participant 12: $SUS_{12} = 18 + 9 * \left(\frac{5}{2}\right) = 67.5$ $GRADE_{12} = D$

Participant 13: $SUS_{13} = 16 + 13 * \left(\frac{5}{2}\right) = 72.5$ $GRADE_{13} = B$

Participant 14: $SUS_{14} = 16 + 11 * \left(\frac{5}{2}\right) = 67.5$ $GRADE_{14} = D$

Participant 15: $SUS_{15} = 13 + 10 * \left(\frac{5}{2}\right) = 57.5$ $GRADE_{15} = D$

Overall, the app's usability is deemed to be in the (above average/good) range. The feedback from this test will be valuable in refining the app's design and addressing the identified issues to create a more user-friendly experience. Further usability tests and iterative improvements are recommended to enhance the app's usability and meet the needs of its target audience effectively.

15 Survey Questionnaires
Answered by Our Respondents

Focus App Usability Testing

Please rate each statement below by indicating your level of agreement. Use the scale from 1 to 5. Select the number that best reflects your opinion for each statement.

1 - Strongly Disagree 3 - Neutral 5 - Strongly Agree
2 - Disagree 4 - Agree

Name(Optional):_____

	1	2	3	4	5
1. I think that I would like to use this system frequently.			/		
2. I found the system unnecessarily complex.		/			
3. I thought the system was easy to use.					/
4. I think that I would need the support of a technical person to be able to use this system.	/				
5. I found the various functions in this system were well integrated.				/	
6. I thought there was too much inconsistency in this system.		/			
7. I would imagine that most people would learn to use this system very quickly.				/	
8. I found the system very cumbersome to use.			/		
9. I felt very confident using the system.				/	
10. I needed to learn a lot of things before I could get going with this system.		/			

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Name(Optional):_____

	1	2	3	4	5
1. I think that I would like to use this system frequently.					/
2. I found the system unnecessarily complex.	/				
3. I thought the system was easy to use.					/
4. I think that I would need the support of a technical person to be able to use this system.		/			
5. I found the various functions in this system were well integrated.					/
6. I thought there was too much inconsistency in this system.	/				
7. I would imagine that most people would learn to use this system very quickly.					/
8. I found the system very cumbersome to use.			/		
9. I felt very confident using the system.				/	
10. I needed to learn a lot of things before I could get going with this system.	/				

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2 - Disagree 4 - Agree

Name(Optional):_____

	1	2	3	4	5
1. I think that I would like to use this system frequently.				/	
2. I found the system unnecessarily complex.			/		
3. I thought the system was easy to use.				/	
4. I think that I would need the support of a technical person to be able to use this system.		/			
5. I found the various functions in this system were well integrated.				/	
6. I thought there was too much inconsistency in this system.		/			
7. I would imagine that most people would learn to use this system very quickly.				/	
8. I found the system very cumbersome to use.				/	
9. I felt very confident using the system.					/
10. I needed to learn a lot of things before I could get going with this system.			/		

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Name(Optional):_____

	1	2	3	4	5
1. I think that I would like to use this system frequently.			/		
2. I found the system unnecessarily complex.			/		
3. I thought the system was easy to use.				/	
4. I think that I would need the support of a technical person to be able to use this system.		/			
5. I found the various functions in this system were well integrated.					/
6. I thought there was too much inconsistency in this system.			/		
7. I would imagine that most people would learn to use this system very quickly.					/
8. I found the system very cumbersome to use.		/			
9. I felt very confident using the system.					/
10. I needed to learn a lot of things before I could get going with this system.			/		

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1 - Strongly Disagree 3 - Neutral 5 - Strongly Agree
2 - Disagree 4 - Agree

Name(Optional):_____

	1	2	3	4	5
1. I think that I would like to use this system frequently.					✓
2. I found the system unnecessarily complex.				✓	
3. I thought the system was easy to use.					✓
4. I think that I would need the support of a technical person to be able to use this system.		✓			
5. I found the various functions in this system were well integrated.			✓		
6. I thought there was too much inconsistency in this system.			✓		
7. I would imagine that most people would learn to use this system very quickly.			✓		
8. I found the system very cumbersome to use.			✓		
9. I felt very confident using the system.				✓	
10. I needed to learn a lot of things before I could get going with this system.			✓		

	1	2	3	4	5
1. I think that I would like to use this system frequently.				✓	
2. I found the system unnecessarily complex.				✓	
3. I thought the system was easy to use.				✓	
4. I think that I would need the support of a technical person to be able to use this system.		✓			
5. I found the various functions in this system were well integrated.				✓	
6. I thought there was too much inconsistency in this system.			✓		
7. I would imagine that most people would learn to use this system very quickly.				✓	
8. I found the system very cumbersome to use.			✓		
9. I felt very confident using the system.			✓		
10. I needed to learn a lot of things before I could get going with this system.			✓		

	1	2	3	4	5
1. I think that I would like to use this system frequently.					✓
2. I found the system unnecessarily complex.				✓	
3. I thought the system was easy to use.					✓
4. I think that I would need the support of a technical person to be able to use this system.		✓			
5. I found the various functions in this system were well integrated.					✓
6. I thought there was too much inconsistency in this system.		✓			
7. I would imagine that most people would learn to use this system very quickly.					✓
8. I found the system very cumbersome to use.			✓		
9. I felt very confident using the system.					✓
10. I needed to learn a lot of things before I could get going with this system.	✓				

	1	2	3	4	5
1. I think that I would like to use this system frequently.	✓				✓
2. I found the system unnecessarily complex.	✓				✓
3. I thought the system was easy to use.	✓				✓
4. I think that I would need the support of a technical person to be able to use this system.			✓		
5. I found the various functions in this system were well integrated.				✓	
6. I thought there was too much inconsistency in this system.		✓			
7. I would imagine that most people would learn to use this system very quickly.					✓
8. I found the system very cumbersome to use.			✓		
9. I felt very confident using the system.				✓	
10. I needed to learn a lot of things before I could get going with this system.			✓		

Name(Optional): Ai2A

	1	2	3	4	5
1. I think that I would like to use this system frequently.				✓	
2. I found the system unnecessarily complex.			✓		
3. I thought the system was easy to use.				✓	
4. I think that I would need the support of a technical person to be able to use this system.		✓			
5. I found the various functions in this system were well integrated.				✓	
6. I thought there was too much inconsistency in this system.			✓		
7. I would imagine that most people would learn to use this system very quickly.				✓	
8. I found the system very cumbersome to use.			✓		
9. I felt very confident using the system.			✓		
10. I needed to learn a lot of things before I could get going with this system.				✓	

Name(Optional): Joyce

	1	2	3	4	5
1. I think that I would like to use this system frequently.				✓	
2. I found the system unnecessarily complex.			✓		
3. I thought the system was easy to use.		✓			
4. I think that I would need the support of a technical person to be able to use this system.			✓		
5. I found the various functions in this system were well integrated.			✓		
6. I thought there was too much inconsistency in this system.		✓			
7. I would imagine that most people would learn to use this system very quickly.		✓			
8. I found the system very cumbersome to use.			✓		
9. I felt very confident using the system.			✓		
10. I needed to learn a lot of things before I could get going with this system.				✓	

Name(Optional):_____

	1	2	3	4	5
1. I think that I would like to use this system frequently.					✓
2. I found the system unnecessarily complex.			✓		
3. I thought the system was easy to use.					✓
4. I think that I would need the support of a technical person to be able to use this system.		✓			
5. I found the various functions in this system were well integrated.			✓		
6. I thought there was too much inconsistency in this system.		✓			
7. I would imagine that most people would learn to use this system very quickly.				✓	
8. I found the system very cumbersome to use.			✓		
9. I felt very confident using the system.				✓	
10. I needed to learn a lot of things before I could get going with this system.		✓			

Name(Optional):_____

	1	2	3	4	5
1. I think that I would like to use this system frequently.				✓	
2. I found the system unnecessarily complex.				✓	
3. I thought the system was easy to use.				✓	
4. I think that I would need the support of a technical person to be able to use this system.			✓		
5. I found the various functions in this system were well integrated.			✓		
6. I thought there was too much inconsistency in this system.			✓		
7. I would imagine that most people would learn to use this system very quickly.				✓	
8. I found the system very cumbersome to use.			✓		
9. I felt very confident using the system.				✓	
10. I needed to learn a lot of things before I could get going with this system.		✓			

Focus App Usability Testing

Please rate each statement below by indicating your level of agreement. Use the scale from 1 to 5. Select the number that best reflects your opinion for each statement.

1 - Strongly Disagree   3 - Neutral   5 - Strongly Agree
2 - Disagree   4 - Agree

Name(Optional): Mj

	1	2	3	4	5
1. I think that I would like to use this system frequently.			✓		
2. I found the system unnecessarily complex.					
3. I thought the system was easy to use.		✓			
4. I think that I would need the support of a technical person to be able to use this system.				✓	
5. I found the various functions in this system were well integrated.		✓			
6. I thought there was too much inconsistency in this system.			✓		
7. I would imagine that most people would learn to use this system very quickly.			✓		
8. I found the system very cumbersome to use.			✓		
9. I felt very confident using the system.	✓				
10. I needed to learn a lot of things before I could get going with this system.				✓	

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Please rate each statement below by indicating your level of agreement. Use the scale from 1 to 5. Select the number that best reflects your opinion for each statement.

1 - Strongly Disagree   3 - Neutral   5 - Strongly Agree
2 - Disagree   4 - Agree

Name(Optional): MAY2

	1	2	3	4	5
1. I think that I would like to use this system frequently.					✓
2. I found the system unnecessarily complex.				✓	
3. I thought the system was easy to use.				✓	
4. I think that I would need the support of a technical person to be able to use this system.		✓			
5. I found the various functions in this system were well integrated.				✓	
6. I thought there was too much inconsistency in this system.			✓		
7. I would imagine that most people would learn to use this system very quickly.				✓	
8. I found the system very cumbersome to use.				✓	
9. I felt very confident using the system.				✓	
10. I needed to learn a lot of things before I could get going with this system.	✓				

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1 - Strongly Disagree   3 - Neutral   5 - Strongly Agree
2 - Disagree   4 - Agree

Name(Optional): BHEA

	1	2	3	4	5
1. I think that I would like to use this system frequently.					✓
2. I found the system unnecessarily complex.		✓			
3. I thought the system was easy to use.				✓	
4. I think that I would need the support of a technical person to be able to use this system.		✓			
5. I found the various functions in this system were well integrated.				✓	
6. I thought there was too much inconsistency in this system.			✓		
7. I would imagine that most people would learn to use this system very quickly.				✓	
8. I found the system very cumbersome to use.				✓	
9. I felt very confident using the system.				✓	
10. I needed to learn a lot of things before I could get going with this system.	✓				

Documentation: