

Fine_Kindergarten Project
Traceability Matrix
Version <1.0>

By Team FineApple

Fine_Kindergarten	Version: <1.0>
Traceability Matrix	Date: <12/12/22>

Revision History

Date	Version	Description	Author
<12/12/22>	<1.0>	First draft	김민규

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Traceability Matrices

1. Requirements to Use Cases

	U1	U2	U3	U4	U5	U6	U7	U8	U9	U10	U11	U12	U13	U14	U15
R1.1					X										
R1.2					X										
R1.3					X										
R1.4			X	X											
R1.5						X									
R1.6						X									
R1.7						X									
R1.8				X											
R1.9						X									
R2.1	R2.1 The system shall distinguish users. -> Log-in System														
R2.2															X
R2.3															X
R2.4														X	
R2.5															X
R2.6												X			
R2.7													X		
R2.8											X				
R2.9														X	
R3.1								X							
R3.2								X	X						
R3.3								X	X						
R3.4		X	X												
R3.5								X							
R3.6													X		
R3.7										X					
R3.8										X					
R4.1	X														
R4.2	X														
R4.3	X														
R4.4	X														
R4.5	X														
R4.6	X								X						
R5.1							X								
R6.1							X								
R6.2							X								
R6.3															
R7.1														X	
R7.2														X	
R7.3														X	
R7.4														X	
R8.1														X	

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2. Use Cases to Classes

	System	ManageChildren	ManageChildren_Staff	Survey	Director	Bus	Bus_Staff	ManageKindergarten	Schedule	ChildrenList	Invite	ManageClass
U1		X	X									
U2		X	X									
U3		X	X									
U4		X	X									
U5		X	X									
U6		X	X									
U7						X	X					
U8	X											
U9	X											
U10				X								
U11								X	X			
U12								X		X		
U13								X			X	
U14								X				X
U15					X							

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3. Test Cases to Requirements

	R1.1	R1.2	R1.3	R1.4	R1.5	R1.6	R1.7	R1.8	R1.9	R2.1	R2.2	R2.3	R2.4	R2.5	R2.6	R2.7	R2.8	R2.9	R3.1	R3.2	R3.3	R3.4	R3.5	R3.6	R3.7	R3.8	R4.1	R4.2	R4.3	R4.4	R4.5	R4.6	R5.1	R6.1	R6.2	R6.3	R7.1	R7.2	R7.3	R7.4	R8.1			
TC01										X																	X	X		X	X													
TC02										X																	X	X		X	X													
TC03										X																	X	X		X	X													
TC04				X						X												X					X	X																
TC05				X						X												X																						
TC06										X												X																						
TC07										X												X																						
TC08										X												X																						
TC09										X																																		
TC10	X		X							X																																		
TC11		X								X																																		
TC12			X							X																																		
TC13					X	X	X		X	X																																		
TC14				X	X	X		X	X																																			
TC15										X																																		
TC16										X																																		
TC17										X																																		
TC18										X																																		
TC19										X																																		
TC20										X																	X	X																
TC21										X																X	X																	
TC22										X																	X	X																
TC23										X																																		
TC24										X																X																		
TC25										X				X																														
TC26										X																																		
TC27										X																																		
TC28										X	X																																	

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4. Test Cases to Classes

	System	ManageChildren	ManageChildren_Staff	Survey	Director	Bus	Bus_Staff	ManageKindergarten	Schedule	ChildrenList	Invite	ManageClass
TC01	X	X										
TC02	X	X										
TC03	X		X									
TC04	X	X										
TC05	X		X									
TC06	X	X										
TC07	X		X									
TC08	X		X									
TC09	X	X										
TC10	X		X									
TC11	X	X										
TC12	X	X										
TC13	X		X									
TC14	X	X										
TC15	X						X					
TC16	X											
TC17	X											
TC18	X											
TC19	X											
TC20	X			X								
TC21	X			X								
TC22	X							X	X			
TC23	X							X		X		
TC24	X							X			X	
TC25	X							X				X
TC26	X				X							
TC27	X				X							
TC28	X				X							