Requirement ID	Requirement Description	Use case ID	Design Element ID-H	Design element ID-L	Test Case Number	Test Case Description	Pass/Fail	Reference table	Reference table	Reference table	Reference table
	#Admin										
RQ1	Admin must be able to LogIn	UC-1	C1	S1	TC1	login by admin (correct password) / (incorrect password)	Pass/Fail	UC1 -Use case 1	C1-Class 1	S1- Data Type (String)	TC1-Test case 1
RQ2	Admin must be able to SignUp	UC-2	C2	S1	TC2	register by admin	Pass	UC2 -Use case 2	C2-Class 2		TC2-Test case 2
RQ3	Admin must be able to update NTU & MQ2 values	UC-3	C3	S1	TC3	update NTU & MQ2 values	Pass	UC3 -Use case 3	C3-Class 3		TC3-Test case 3
RQ4	Admin must be able to set NTU value threshold	UC-4	C4	S1	TC4	set NTU threshold	Pass	UC4 -Use case 4	C4-Class 4		TC4-Test case 4
RQ5	Admin must able to set MQ2 value threshold	UC-5	C5	S1	TC5	set MQ2 threshold	Pass	UC5 -Use case 5	C5-Class 5		TC5-Test case 5
RQ6	Admin must be able to edit his profile	UC-6	C6	S1	TC6	after editing save info / don't save info	Pass/Fail	UC6-Use case 6	C6-Class 6		TC6-Test case 6
RQ7	Admin must be able to see log info of Staff Members	UC-7	C7	S1	TC7	see log info of staff members	Pass	UC7 -Use case 7	C7-Class 7		TC7-Test case 7
RQ8	Admin must be able to LogOut	UC-8	C8	S1	TC8	logout admin	Pass	UC8 -Use case 8	C8-Class 8		TC8-Test case 8
	#Staff Member										
RQ9	Staff Member must be able to Login	UC-9	C9	S1	TC9	login by staff member (correct password) / (incorrect password)	Pass/Fail	UC11 -Use case 9	C11-Class 9		TC9-Test case 9
RQ10	Staff Member must be able to SingUp	UC-10	C10	S1	TC10	register by staff member	Pass	UC12 -Use case 10	C11-Class 10		TC10-Test case 10
RQ11	Staff Member must be able to initiate system when his shift starts	UC-11	C11	S1	TC11	initiate system (button pressed) / (didn't press button)	Pass/Fail	UC13 -Use case 11	C11-Class 11		TC11-Test case 11
RQ12	Staff Member must be able to check NTU value	UC-12	C12	S1	TC12	check NTU values	Pass	UC14 -Use case 12	C12-Class 12		TC12-Test case 12
RQ13	Staff Member must be able to check MQ2 value	UC-13	C13	S1	TC13	check MQ2 values	Pass	UC15 -Use case 13	C13-Class 13		TC13-Test case 13
RQ14	Staff Member must be able to see alarm notifications (mssg/email)	UC-14	C14	S1	TC14	after editing save info / don't save info	Pass	UC16 -Use case 14	C14-Class 14		TC14-Test case 14
RQ15	Staff Member must be able to stop the system when his shift ends	UC-15	C15	S1	TC15	stop system (button pressed) / (didn't press button)	Pass/Fail	UC17 -Use case 15	C15-Class 15		TC15-Test case 15
RQ16	Staff Member must be able to edit his profile	UC-16	C16	S1	TC16	updating profile (save) / (don't save)	Pass/Fail	UC17 -Use case 16	C16-Class 16		TC16-Test case 16
RQ17	Staff Member must be able to LogOut	UC-17	C17	S1	TC17	logout staff member	Pass	UC17 -Use case 17	C17-Class 17		TC17-Test case 17
	#System										
RQ18	System must contain the Admin credentials information	UC-18	C18		TC18	correct/incorrect details	Pass/Fail	UC18 -Use case 18			TC18-Test case 18
RQ19	System must contain the Staff Member credentials information	UC-19	C19		TC19	correct/incorrect password	Pass/Fail	UC19 -Use case 19			TC19-Test case 19
RQ20	System must contain the threshold of NTU & MQ2 values	UC-20	C20		TC20	check threshold values	Pass	UC20 -Use case 20			TC20-Test case 20
RQ21	System must contain the live NTU values	UC-21	C21		TC21	check NTU values	Pass	UC21 -Use case 21			TC21-Test case 21
RQ22	System must contain the live MQ2 values	UC-22	C22		TC22	check MQ2 values	Pass	UC22 -Use case 22			TC22-Test case 22
RQ23	System must send notification when threshold crosses	UC-23	C23		TC23	sends notifications	Pass	UC23 -Use case 23			TC23-Test case 23
RQ24	System must contain the Log file details	UC-24	C24		TC24	saves staff member activity in log file	Pass	UC24 -Use case 24			TC24-Test case 24