Requirement ID	Requirement Description	Use case ID	Use case Desciption	Code element (file)	Code element (package)	Test Case ID	Test Case Description	Status	Remarks
RQ1	Authentication for admin	UC-1	Google authentication	login.jsx,firebase.js	firebase/auth, redux, redux-toolkit	TC1.1	User access with a valid email id	Passed	Implementation completed
						TC1.2	User access with a invalid email id	In-Progress	Implementation incomplete
							Unanabarda adapt sellah kullahan and anak kana dana dana anak		
RQ2	Add and remove users from buildings	UC-2	User will provide his name and select the building he wants to enter	form.jsx,firebase.js	firestore, bootstrap, react, router-dom	TG2.1	User should select valid building and can't leave form empty	i doodd	Implementation completed
		UC-3	Exit button will be provided to mark the exit of a particular user	list.jsx,firebase.js			each user's exit time is updated		
		UC-4	Enter and exiting will increase/decrease counter of the corresponding building	buildingitem.jsx,firebase.js	firestore,react	TC2.2	Vacant seats and occupancy in sync with the entry and exit of every User	Passed	Implementation compelete
RQ3						TC3.1			
RQS	Check availablity of every building	UC-5	user will check the availability of seats in that building.	card.jsx,firebase.js	firestore,react	163.1	Users are only allowed to make entries if vacant seats are available.	In-Progress	Implementation incompelete
RQ4	Display name and entry details of all users	UC-6	The name and entry time of all users that are inside any buildings at the moment will be displayed	list.jsx,firebase.js	firestore, bootstrap, react	TC4.1	entries should be filtred according to their respective building entries	Passed	Implementation completed
RQ5	Graphical view of the entries of the users	UC-7	Admin see the current occupancy of a particular building plotted against time	graph.jsx, buildingitem.jsx	recharts, react	TC5.1	A component should be redenred for every change in user list (i.e. dynamic)	In-Progress	Implementation left
RQ6	Alert Window on maximum occupancy	UC-8	user will get warning/notification when maximum occupancy is reached	alert.isx	react, bootstrap	TC6.1	A building should have reached its maximum occupancy limit	In-Progress	Implementation left
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RQ7	Edit maximum occupancy limit of a building	UC-9	Admin will set occupancy limits for every building.	buildingitem.jsx,firebase.js	firestore,react, boostrap	TC7.1	When occupancy is greater than or equal to the number of people in a building.	In-progress I	Implementation left
						TC7.2	When occupancy is already less than the number of people in a building.		