

# Unit Test Cases

User Story	Feature	Test ID	Scenario	State Code	Outcome	Test Status
Admin Profile Management	Display Admin Profile Information	1.1	Admin exist	200	return admin info	Pass
		1.2	Admin does not exist	404	return nothing	Pass
	Update Admin Profile	2.1	Update admin profile	200	update success, return updated admin info	Pass
		2.2	Admin does not exist	404	update abandoned	Pass
Module Management	Create new module	3.1	Create a new module in first level	200	create success, return updated module info	Pass
		3.2	Create a submodule of existing module	200	create success, return updated module info	Pass
		3.3	Create a submodule of non-existing module	200	create success, return updated module info	Not Pass
	Delete one module	4.1	Delete a module with no submodules	204	delete success	Pass
		4.2	Delete a module with at least one submodules	400	delete abandoned	Pass
		4.3	Delete non-existing module	404	delete abandoned	Pass
	Update module	5.1	Update module	200	update success, return updated module info	Pass
		5.2	Module does not exist	404	update abandoned	Pass
	Get list of module	6.1	Get list of all first-level module	200	return list of module	Pass
		6.2	Get list of submodule of a existing module	200	retrun list of module	Pass
		6.3	Get list of submodule of a non-existing module	500	return nothing	Partial Pass
	Get detail of one module	7.1	Get single module info	200	return module info	Pass
		7.2	Module does not exist	404	return nothing	Pass
Material Management	Add new material into a module	8.1	Add texture material	200	create success, update related info in module success	Pass
		8.2	Add file material	200	create success, update related info in module success	Pass
		8.3	Add assessment	200	create success, update related info in module success	Pass
		8.4	Module does not exist	400	create abandoned	Pass
		8.5	Material type is not one of texture, file or assessment	400	create abandoned	Pass
	Update material info	9.1	Update texture material	200	update success, return updated texture material	Pass
		9.2	Update file material	200	update success, return updated file material	Pass
		9.3	Update assessment	200	update success, return updated assessment	Pass
		9.4	Material type is not one of texture, file or assessment	400	update abandoned	Pass
	Delete material	10.1	Material does not exist	404	delete abandoned	Pass
		10.2	Delete texture material	204	delete success	Pass
		10.3	Delete file material	204	delete success	Pass
		10.4	Delete assessment	204	delete success	Pass
		10.5	Delete material in the last position	204	delete success	Pass
		10.6	Delete material in the middle position	204	delete success	Pass
		10.7	Delete material in the first position	204	delete success	Pass
	Get list of Material	11.1	Get list of material of a existing module	200	return list of material	Pass

	Get Material info	11.2	Get list of material of a non-existing module	500	return nothing	Partial Pass
		12.1	Material does not exist	404	return nothing	Pass
		12.2	Get texture material	200	return texturematerial	Pass
		12.3	Get file material	200	return file material	Pass
		12.4	Get assessment	200	return assessment	Pass
Authentication	Login	13.1	loginID exist and matches password	200	login successful, return a login token	Pass
		13.2	non-exist loginID	403	login abandoned	Pass
		13.3	incorrect password	403	login abandoned	Pass
	Sign up	14.1	Sign up successfully	201	new admin account created	Pass
		14.2	Duplicated loginID	500	create abandoned	Pass
	Delete an account	15.1	Delete an existing account	204	delete success	Pass
		15.2	Delete an non-existing account	404	delete abandoned	Pass
TestAgeGroup	Find All Age Group List	16.1	Retrieve all age group information	200	A list containing all age group information	Pass
	Find Age Group Info	17.1	Find age group by name	200	Age group details retrieve	Pass
		17.2	Find age group by ID	200	Age group details retrieved	Pass
	Create Age Group	18.1	Create age group and could find it	204	The age group has been successfully created and can be found.	Pass
		18.2	age group already exists	405	age group already exists	Pass
	Delete Age Group	19.1	Create age group and can be deleted	200	Delete success	Pass
		19.2	age group does not exist	405	age group does not exist	Pass
	Update Age Group	20.1	Update age group name	204	Update success but return 404	Fail
		20.2	age group does not exist	405	age group does not exist	Pass
		20.3	Update agegroup age	204	Update Success	Pass
		20.4	Update agegroup address	204	Update Success	Pass
		20.5	Update agegroup phone	204	Update Success	Pass
Coach	Find All Coaches	21.1	Retrieve all coaches	200	All coaches retrieved	Pass
	Find Coach	22.1	Retrieve coach by ID	201	Coach details retrieved	Pass
		22.2	Find coach by first name	201	A list of coach	Pass
	Create Coach	23.1	Create a new coach	201	Coach created	Pass
		23.2	Attempt to create coach with existing loginID	409	Coach already exists	Pass
	Delete Coach	24.1	Delete coach	204	Coach deleted	Pass
		24.2	Attempt to delete already deleted coach	404	Coach not found	Pass
	Update Coach	25.1	Update coach details	200	Coach details updated	Pass
		25.2	Attempt to update nonexistent coach	404	Coach not found	Pass