

Test Case ID	Test Scenario	Test Case	Pre Conditions	Test Steps	Test Data	Expected Result (ER)	Actual Result	Pass/Fail
TC_001	(TS_001) Status code	Verifying status code of the API	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1.Open Postman and create a new request. 2.Set the request method to GET. 3.Enter the URL (https://vms-web.aamarpay.dev/department/api/) of the API in the request URL field. 4.Send the request by clicking on the "Send" button 5.Use code in tests section	Not Applicable	Status code is 200	As Expected	Pass
TC_002	(TS_002) Response Time	Verifying response time of the API	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1. Follow the steps no: 1-4 from test case 1 2.Use code in tests section	Not Applicable	Response time is less than 400ms	As Expected	Pass
TC_003	(TS_003) JSON Response	Verifying JSON response body	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1. Follow the steps no: 1-4 from test case 1 2.Use code in tests section	Not Applicable	All data will show in console without any error	As Expected	Pass
TC_004	(TS_004) checking all object	Checking all object have requird attribute	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1. Follow the steps no: 1-4 from test case 1 2.Use code in tests section	Not Applicable	it will show "all ok"	As Expected	Pass
TC_005	(TS_004) checking all object	checking all pk is positive or not	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1. Follow the steps no: 1-4 from test case 1 2.Use code in tests section	Not Applicable	it will show "positive number"	As Expected	pass
TC_006	(TS_004) checking all object	department name is not empty and string	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1. Follow the steps no: 1-4 from test case 1 2.Use code in tests section	Not Applicable	it will show "department name is not empty and also string	As Expected	Pass
TC_007	(TS_004) checking all object	department description is not empty and string	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1. Follow the steps no: 1-4 from test case 1 2.Use code in tests section	Not Applicable	it will show "department description is not empty and also string	As Expected	Pass
TC_008	(TS_004) checking all object	verify that the API return all department in organized	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1. Follow the steps no: 1-4 from test case 1 2.Use code in tests section	Not Applicable	it will show "all department are returned"	As Expected	Pass

TC_009	(TS_004) checking all object	PK is sorted in Ascending	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1. Follow the steps no: 1-4 from test case 1 2.Use code in tests section	Not Applicable	it will show "all primary key are sorted"	PK is not sorted in Ascending order	Failed
TC_010	(TS_004) checking all object	No duplicate object	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1. Follow the steps no: 1-4 from test case 1 2.Use code in tests section	Not Applicable	it will show "Departments have unique IDs"	As Expected	Pass
TC_011	(TS_005) checking other method functionality	checking invalid HTTP (POST) method	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1.Open Postman and create a new request. 2.Set the request method to POST. 3.Enter the URL (https://vms-web.aamarpay.dev/department/api/) of the API in the request URL field. 4.Send the request by clicking on the "Send" button	not Applicable	Method not Allowed (405)	showing internal server error (500)	Failed
TC_012	(TS_005) checking other method functionality	checking invalid HTTP (DELETE) method	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1.Open Postman and create a new request. 2.Set the request method to DELETE. 3.Enter the URL (https://vms-web.aamarpay.dev/department/api/) of the API in the request URL field. 4.Send the request by clicking on the "Send" button	not Applicable	Method not Allowed (405)	showing 200 ok	Failed
TC_013	(TS_006) checking query parameter functionality	checking valid query parameter	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1. Open Postman and create a new request. 2.Set the request method to DELETE. 3.Enter the URL (https://vms-web.aamarpay.dev/department/api/) of the API in the request URL field. 4.in parameter section give value 4.Send the request by clicking on the "Send" button	key:department_name value:Technical Support	it will show the specific object for department_name=technical support	it shows every object	Failed
TC_014	(TS_006) checking query parameter functionality	checking invalid query parameter	1. You have access to the URL of the API that returns the department information 2.The API can be accessed via Postman or any other HTTP client	1.Open Postman and create a new request. 2.Set the request method to DELETE. 3.Enter the URL (https://vms-web.aamarpay.dev/department/api/) of the API in the request URL field. 4.in parameter section give value 4.Send the request by clicking on the "Send" button	key:department_name value:XYZ	it will show 400 bad request	it shows every object	Failed