			Test cases for E-commerce application api[Api Testing]						
Test_Case_ld	Test Description	Method	Test data	Uri	Authentication(In header)	Request body	Response body	Status	Comment
TC 01	Verify successful sign-up message with proper data	POST	"first_name" "Minin", "last_name" "Agrawa!", "email" "agrawa! 1.28gmail.com", "passwort" "minit 23", "phone" "7083148976"	Sign-up Api http://192.168.1.44:7654/users/signup		"first_name": "Mihir", "last_name": "Agrawal", "email": "agrawal 1.2@gmail.com", "password": "mihir123", "phone": "7083148976" }	"Successfullly signed in" Status code -201	PASS	
TC 02	Verify error message when a required field is missing.	POST	"first_name"."Minir" "list_name"."" "email":agerwal.12@gmail.com", "password"."minit.23." "phone"."7083148976"	http://192.168.1.44.7654/users/signup		Tirst_name":"Mihir", "last_name":" "email":agrawal.12@gmail.com", "password":mihr123", "phone":7083148976" }	"error": "Key; "User Last_Name" Error Field validation for "Last_Name" failed on the 'min' tag" Status code-400	Fail	Can be given a proper error message as-last name is required
TC 03	Verify error message when an duplicate data is provided.	POST	"first_name"."Alpinir, "last_name"."Agrawal', "email".sagrawal 12@gmail.com", "password"."mbir 123. "phone"."7083148976"	http://192.168.1.44.7854/users/signup		"Tirst_name": "Mihir", "last_name": "Agrawal", "email": "agrawal 1,2@,mail.com", "password": "mihir123", "phone": "7083148976"	"error": "use already exists" } Status code-400	PASS	
				Login Api					
TC 04	Verify successful login and response details.	POST	*email*,*mihiragraval@gmail.com*, *password*,*mihir123*	http://192.168.1.44.7654/usern/login		*email*:*mihiagrawal@gmail. com* *password**mihi123* *password**	The response body contains the expected customer details: { "_dir"-Rsf Staff5614073-co84d547", "list_name" "Albite.", "list_name.", "l	FAIL.	
TC 05	Error Handling for Invalid login Credentials	POST	email":"mihiragrawal@gmail.com", "password":"mihi3" }	http://192.168.1.44:7654/users/login		"email":"mihiragrawal@gmail. com", "password":"mihir123" }	"error": "Login or Password is incorrect" } Status code -500	FAIL	Status code should be 401
TC 06	Error Handling for Missing Required Fields/blank felld for login	POST	"email":"". "password":"" }	http://192.168.1.44;7654/users/login		"email":"", "password":"' }	"error": "Login or Password is incorrect" } Status code -500	PASS	
				Add Address Api					
TC 07	Verify that the API successfully adds an address when valid consumer ID and address details are provided.	POST	Consumer Id : 6465d8a9a4513a56388d8571 "house" "M-Agle", "street: "Pan Card Club Road", "clip": "washing", "pincode": "332423432"	http://localhost.7654/addaddress.2 [d=64656888945138563894857]	token eyilhi GciOuliuzi Nilishi R5cCiBikpXVC.19. eyiFBWFpCciBimi pagiyYWayyXahbEBahWFpbCSB. QL.CuGaXzaEshBwWiOuNAWpGBLC.MYXX0YTmF1 25liBiFscmF3VWxBiWWiRijohi QSNTIANTU 1MWRjO TcrYZMMGQ12jG3limiZXmiyohigi pT1EZDMITO. Sp6rCSVYANL. 101_4thWwQGW1pgEzsig2Ax218dU	"house": "M-Agile", "street": "Pan Card Club Road", "city": 'washington", "pincode": "352423432"	"Successfully added address" status code :200 ok	PASS	
TC 08	Verify the API response when an invalid consumer ID is provided.	POST	Consumer id : 6465d8a9a4 "house": "M.Aglie", "street": "Pan Card Club Road", "club", "washigan", "pincode", "332423432"	http://localhost.7654/addaddress? id=646568s9a4	token eyJhbGciOJilUz1NilsinR5cCl6likpXVCJ9. eyJFBWFpbCiBlm1paGlyYWdyyXdhbEBnbWFpbCS9. eJLCJGGAZxEGEBbWUJOJNBWPpBGIBC_JMYX0TmFt 2Sl6liFncmF3VWSbWWJGloJNTBNTU1MWRjO TcrYZMMKQG12jO3limZXhwJbdylg1NTEZBD11fd. Sp6FCBVYANL. 10U_4MYWCGWYpbCsdqZAXz18dU	"house": "M-Agile", "street": "Pan Card Club Road", "city": "washington", "pincode": "332423432"	"the provided hex string is not a valid ObjectiD" status code: 500	FAIL	Should return proper error message "invalid consumer id" status code :404
TC 09	Test if the API handles invalid request bodies properly.	POST	Consumer id : 6465d8a9a4513a56389d8571 **house** *M-Aglie**, *street*: *Pan Card Club Road*, *cls}*: *washington*, *pincode*: *332423432 *county*,**india**	http://localhost.7654/addaddress? jd=6465d8a6a4513a5638b48571	token eyülhö GciOuliuzi NilsinR5cCiBiixpXVCJB eyüFBWFpbCiBimi pagiyYWeyyXdabEBniWFpbCSB2 GLCJGGAXzdEsbWUJOUNBWFpBCBLCJMYX0YTmF1 25lBiRFcmF3YWSBWWWildjoBlyQSNTINTU 1MWRJO TcrYZMMGQ12jGJBimZXmyJoxig jin TiezDiVITiO SpirfCSYYANL 10_4fMYWQGWI jepExegr2Ax218dU	"house": "M-Agile", "street": "Pan Card Club Road", "city": "washington", "pincode": "332422432" "country": "india"	"Successfully added address" status code :200 ok	FAIL	Should not accept invalid body
TC 10	Verify adds an address api when valid consumer ID is passed and address failds are kept blank.	POST	Consumer id : 6465d8a6a4513a66389d8571 "house": " "street": "Pan Card Club Road", "" " "pincode": ""	http://localhost.7654/addaddress? id=6465d8a9a4513a56389d8571	token eyJhbGciOJilUz1NilsinR5cCiBikpXVCJ9. eyJFBWFpCiBim1paGyYWdyYXdhbEBnWFpbCS9c ICJGGAXzEEBhWUJOJNBWFpBGIBC_MYX0YTmFL 2SlBiRFcmF3YWSBWWWiRiplaNG2NTBNTU1MWRjO TarYZMMRG012jO3IlmiZNmJwhjg1NTEZBDI1fO. Sp6FCSVYANXL- 10U_4MYWCGWYBpCExg72Ax218dU	"house": "", "street": "Pan Card Club Road", "city: "", "pincode"" }	"Successfully added address" status code :200 ok	FAIL	Should not accept blank address/Empty feilds error message-Teilds are required" Status code400 bad request

TC 11	Verify adding more than two address for a consumer	POST	Consumer id : 6465d8a9a4513a56389d8571 "house": "M-Aglie", "street": "Pan Card Club Road", "chly: "washington", "pincode": "332423432"	http://localhost.7654/addaddress2 id=6465d8a9a4513a56389d8571	biser-sythsGriOUILut1NishsReSci9isyAVCLi0 sylFsWFpbCli8in1paGyYW6yYXdhtEbrabVFpbCSp2 0LCAgsMrsWyMsWfyXdhtEbrabVFpbCSp2 0LCAgsMrsWyMsWfWighVgAYMsWfyMsWfy 25iBiFramFSYWssikwYW8ighVgAYMsWTsWfWRPj0 Tc2Y2MMQQ17jQ3lwQXmlyndyighTte2MDHQ SpFC6VYMAU. 10U_4rkfYWwQ8W19pdEx6g/2Akc18dU	"house": "M-Agile", street": "Pan Card Club Road", "city": "washington", "pincode": "332423432"	Message:"Not Allowed Status code	PASS	
				Delete Address Api					
TC 12	Verify that the API successfully deletes the address when a valid consumer ID is provided.	DELETE	Consumer id : 6465d8a9a4513a56389d8571	http://localhost-7654/deleteaddresses2 d=6465d8a9a4513a56389d8571	token eyJhbGciOUIUzi1NilsinR5cCl6ikpXVCJ9. eyJFBWFpbCiBim†paGgYWGyYXdmbEBbWFpbCSj92 eULGJGGAZzdEsbWUGUNAWpbGiBLCJMYXAOTmET 2Sil8iRncmF3YWsalwWikijoNjQSNTlbMTU1MWRjO TceYZMMQG1ZGJSilwZRXmbydjjNTEZBJDHTQ TceYZMMQG1ZGJSilwZRXmbydjjNTEZBJDHTQ 101_rtMYWWQBWTspeEsbQZAkz18dU	-	"Successfully deleted addresses"	PASS	
TC 13	Check if the API returns an appropriate error message or status code when an invalid or non-existent consumer ID is provided.	DELETE	Consumer id : 6465d8e9e4513e56389d8571	http://localhost.7654/deleteaddresses2 id=6465d8a9a4513a563	token:ey.lhbGciO.illuzi1NilsinR5cCiBitpXVC.19. ey.lFbWFpCcBim1paGyYVMyYXdnbEtbWFpC5p2 01.CCGaZ.tzeEpsWiOLONAWYMDIC.TMYXMTmFr 02.CCGaZ.tzeEpsWiOLONAWYMDIC.TMYXMTmFr TczYZMMQQ12/QSilwZxmipaMg1NTEZMDHTQ. ppFGYYMXJ. 10U_4rhYvWwQeW19pdEx8qrZAxz18dU		"Internal Server Error" status code : 500	FAIL	Should return valid error message "invalid consumer id" status code should be 404
				Search product api					
TC 14	Verify that the API returns the expected product when searching for a valid product name.	GET	product-name Sneakers	http://localhost.7654/users/search? name=Sossakers	token: eyJhbGciOJIIIzzi Nilsin PScCiBikpXVC_U9 eyJF8WFpcCiBin fpaGyVwgyYxdnsEBnWFpbcSp2 OL.CJQaX_ZdsSwWJUOJNaWhyBollsCJMYXYXDTFFF 23lisi8Fron FS yYxballowWidploNgSWTkWTLWMWRQ TcxY3MWGZ SpFGYYAVL 10U_4rthYVwQ6W19pdEx8g/ZAkz18dU	·	**Product_ID*** 6485d9f1a45f3a56389d8572*,	PASS	
TC 15	Check if the API response contains the relevant product details such as name, price, etc.	GET	product-name.Sneakers	http://localhost.7654/users/search?name=bag	token: eyylhcicioUiluz! Nilsin-RScCiBispXVC.j9. eyJEPWFpCIBin 1 ps@jyYWeyYXmbEBnWFpbCSp2 0L.CJask.zdcEshWUOUNaVhppBlb.CJMYXN0TriFt 2586fr.cner 5794sile WW98joyAyXN8WT UnWryO Tcx*24M4G21 SpfFCSVYAnXL. 10U_44hYVwG8W19pdEx8grZAx218dU		"Product_ID": 6486str1asfs1asfs3as6sts72", "product_name" "Sneakers", "raing": 10, "image": "alemenars.pg" "Product_ID": 6476sta7as311c6eca772ac5", "product_name": "Sneakers 2", "product_name": "Sneakers 2", "product_name": "Sneakers 3", "product_name": "Sneakers 4", "product_name": "Sneakers 5", "product_name": "Sneakers 6", "product	PASS	
TC 16	Test the API's response when searching for a non-existent product name.	GET	product-name-vgvj	http://localhost.7654/users/search?name=xqxi	bken ey,IhbGc/GJIIJz1 Nilsin-RS-C/IBilp:XVCJ9, eyJFWFpc/IBin 1psGyVMgyYXdhcBehWFpc/Sb2 GL-C/GaX/Lz6PhWJG/USAWhgBBC-JMYYXMT Thef 23lbilFncmF3YWsliwVWilsipMyQ3NTIRHTU HMWRIQ TczY3MMQCJ CZGliwiCZhwipolygj Nt EZMDIHO. Spir-C8YYANU. 10L-4fh/WWGW15pcEsdgZAsz18dU		null	PASS	Should show proper error message "No such product exist"
TC 17	Verify how the API handles invalid or empty search parameter	GET	product-name:	http://localhost/7654/users/search?name=	token.eyJnbGciOuliUzi1NiisinR5cCiBikpXVCJ9. eyJFBWFpDCiBim1pagByYWdyYXdnbEBbbWFpbCSj92 01.CJQGAZZdE5bWUUOLNAWPDBLCJMYXMVTmF1 2SiBikFncmF3YWSWWWikijaNhjQ3NTIkMTU1MWRj0 TcxYZMMQG1ZjQ3IwiZXhyMyxdjq1NTEZMDI1Q TcxYZMMQG1ZjQ3IwiZXhyMydg1g1NTEZMDI1Q SphFCGVYANL. 10_4nkYWQ6W19gbEbqZdxZ48Z18dU		*error*: "invalid search index* } Status code : 404 not found	PASS	Can show message like "Not found"