Test case Id	API	Test Case Description	Steps	Test Data	Expected Result	Actual Result	Status	Comments

1	Ping: GET /ping	Verify the API Respone of Ping: GET /ping	Execute below curl :
			
			curl --location 'https://api.coingecko.com/api/v3/ping' \
			--header 'accept: application/json' \
			--header 'Cookie: __cf_bm=_AtKn.g6Y7YI3M6RhhbmNCCJnrVQ1zWAtQPmVwu.3IY-1722532311-1.0.1.1-CnbZ6t3bmkcwBXjWEVhHKD_jrO6o5FGnj1q9s.KSIwC1GBOaxS9hRwyar4fJMmARlcEAosyvgmhUFYDBu9y65A'
				NA	Response Code : 200 OK
					
					API Response
					
					{
					  "gecko_says": "(V3) To the Moon!"
					}
						Response Code : 200 OK
						
						API Response
						
						{
						  "gecko_says": "(V3) To the Moon!"
						}
							Pass	

2	Simple Price: GET /simple/price	Verify the API Respone of Simple Price: GET /simple/price	Execute below curl :
			
			curl --location 'https://api.coingecko.com/api/v3/simple/price?ids=bitcoin&vs_currencies=usd' \
			--header 'accept: application/json' \
			--header 'Cookie: __cf_bm=6Po2hG4Ku9LnHqR7V28E_HpXJpt1h0YFPo3oetqkFuc-1722630499-1.0.1.1-MMHfcczfB8odxfaUMeCA_.7pUdo.bKHvLt1KM7N_BUQL5MYewNCDXrMlNNYrqzwbxajJ1bu8mof4_WbR.VLgtA'
				Pass below value in query params
				
				ids = bitcoin
				vs_currencies = usd
					Response Code : 200 OK
					
					API Response
					
					{
					  "bitcoin": {
					    "usd": 62876
					  }
					}
						Response Code : 200 OK
						
						API Response
						
						{
						  "bitcoin": {
						    "usd": 62876
						  }
						}
							Pass	

3	Simple Price: GET /simple/price	Verify the API Respone of Simple Price: GET /simple/price by giving invalid value in query param "ids"	Execute below curl : curl --location 'https://api.coingecko.com/api/v3/simple/price?ids=xyz&vs_currencies=usd' \ --header 'accept: application/json' \ --header 'Cookie: __cf_bm=6Po2hG4Ku9LnHqR7V28E_HpXJpt1h0YFPo3oetqkFuc-1722630499-1.0.1.1-MMHfcczfB8odxfaUMeCA_.7pUdo.bKHvLt1KM7N_BUQL5MYewNCDXrMlNNYrqzwbxajJ1bu8mof4_WbR.VLgtA'	Pass below value in query params ids = xyz vs_currencies = usd	Response Code : 400 API Response It should give error code 400 with message like invalid ids	Response Code : 200 OK API Response {}	Fail	

4	Simple Price: GET /simple/price	Verify the API Respone of Simple Price: GET /simple/price by giving invalid value in query param "vs_currencies"	Execute below curl :
			
			curl --location 'https://api.coingecko.com/api/v3/simple/price?ids=bitcoin&vs_currencies=abc' \
			--header 'accept: application/json' \
			--header 'Cookie: __cf_bm=ixaK.ckfSgugUsuFLOsJ.rofCv4cOlUhUWplmIlyvwU-1722636238-1.0.1.1-spVHKr5E4TiCNPd5G1jHtyQo1Q4.G0D.edN7AgH4AClEoKR5gqPsbaBQ4mFepyjl21h0P9OVtxdXVBFkwWJ.yA'
				Pass below value in query params
				
				ids = bitcoin
				vs_currencies = abc
					Response Code : 400
					
					API Response
					
					It should give error code 400 with message like invalid currency
						Response Code : 200 OK
						
						API Response
						
						{
						  "bitcoin": {}
						}
							Fail	

5	Simple Price: GET /simple/price	Verify the API Respone of Simple Price: GET /simple/price by giving invalid value in query param "ids" & "vs_currencies"	Execute below curl : curl --location 'https://api.coingecko.com/api/v3/simple/price?ids=xyz&vs_currencies=abc' \ --header 'accept: application/json' \ --header 'Cookie: __cf_bm=ixaK.ckfSgugUsuFLOsJ.rofCv4cOlUhUWplmIlyvwU-1722636238-1.0.1.1-spVHKr5E4TiCNPd5G1jHtyQo1Q4.G0D.edN7AgH4AClEoKR5gqPsbaBQ4mFepyjl21h0P9OVtxdXVBFkwWJ.yA'	Pass below value in query params ids = xyz vs_currencies = abc	Response Code : 400 API Response It should give error code 400 with message like invalid currency	Response Code : 200 OK API Response {}	Fail	

6	Coins List: `GET /coins/list	Verify the API Respone of Coins List: `GET /coins/list by giving include_platform = true in query param	Execute below curl :
			
			curl --location 'https://api.coingecko.com/api/v3/coins/list?include_platform=true' \
			--header 'accept: application/json' \
			--header 'Cookie: __cf_bm=qLfazEtK7DAKxTZ0myWDI8inFLGvw9TFbyXtUjK.K7w-1722620018-1.0.1.1-J4j2Mrx_6I18Wzhbs3MBNcSA9CO_AyhSMeeGNBE46_DGk5NtXFtlC51b_LSZWMx3lWOJ3X2wKswPL0FyNgdhgw'
				Pass below value in query params
				
				include_platform = true
					Response Code : 200 OK
					
					API Response (very big response)
					
					{
					  "id": "0-knowledge-network",
					    "symbol": "0kn",
					    "name": "0 Knowledge Network",
					    "platforms": {
					      "ethereum": "0x4594cffbfc09bc5e7ecf1c2e1c1e24f0f7d29036"
					    }
					  },
						Response Code : 200 OK
						
						API Response (very big response)
						
						{
						  "id": "0-knowledge-network",
						    "symbol": "0kn",
						    "name": "0 Knowledge Network",
						    "platforms": {
						      "ethereum": "0x4594cffbfc09bc5e7ecf1c2e1c1e24f0f7d29036"
						    }
						  },
							Pass	

#	API	Test Case Description	Test Steps	Input	Expected Result	Actual Result	Status		

7	Coins List: `GET /coins/list	Verify the API Respone of Coins List: `GET /coins/list by giving include_platform = false in query param	Execute below curl :
			
			 curl --location 'https://api.coingecko.com/api/v3/coins/list?include_platform=false' \ --header 'accept: application/json' \ --header 'Cookie: __cf_bm=ixaK.ckfSgugUsuFLOsJ.rofCv4cOlUhUWplmIlyvwU-1722636238-1.0.1.1-spVHKr5E4TiCNPd5G1jHtyQo1Q4.G0D.edN7AgH4AClEoKR5gqPsbaBQ4mFepyjl21h0P9OVtxdXVBFkwWJ.yA'
				Pass below value in query params
				
				 include_platform = false
					Response Code : 200 OK
					
					 API Response (very big response)
					
					 {
					    "id": "01coin",
					    "symbol": "zoc",
					    "name": "01coin"
					 }
						Response Code : 200 OK
						
						 API Response (very big response)
						
						 {
						    "id": "01coin",
						    "symbol": "zoc",
						    "name": "01coin"
						 }
							Pass		

8	Coins List: `GET /coins/list	Verify the API Respone of Coins List: `GET /coins/list by giving include_platform = abc in query param	Execute below curl :
			
			 curl --location 'https://api.coingecko.com/api/v3/coins/list?include_platform=abc' \ --header 'accept: application/json' \ --header 'Cookie: __cf_bm=ixaK.ckfSgugUsuFLOsJ.rofCv4cOlUhUWplmIlyvwU-1722636238-1.0.1.1-spVHKr5E4TiCNPd5G1jHtyQo1Q4.G0D.edN7AgH4AClEoKR5gqPsbaBQ4mFepyjl21h0P9OVtxdXVBFkwWJ.yA'
				Pass below value in query params
				
				 include_platform = abc
					Response Code : 400
					
					 API Response
					
					 it should give error because it's a boolean field and should accept only true or false.
						Response Code : 200 OK
						
						 API Response (very big response)
						
						 {
						    "id": "01coin",
						    "symbol": "zoc",
						    "name": "01coin"
						 }
							Fail		

9	Coin Markets: GET /coins/markets	Verify the API Respone of Coin Markets: GET /coins/markets by giving vs_currency = usd in query param	Execute below curl :
			
			 curl --location 'https://api.coingecko.com/api/v3/coins/markets?vs_currency=usd' \ --header 'accept: application/json' \ --header 'Cookie: __cf_bm=ixaK.ckfSgugUsuFLOsJ.rofCv4cOlUhUWplmIlyvwU-1722636238-1.0.1.1-spVHKr5E4TiCNPd5G1jHtyQo1Q4.G0D.edN7AgH4AClEoKR5gqPsbaBQ4mFepyjl21h0P9OVtxdXVBFkwWJ.yA'
				Pass below value in query params
				
				 vs_currency = usd
					Response Code : 200 OK
					
					 API Response
					
					 {
					    "id": "bitcoin",
					    "symbol": "btc",
					    "name": "Bitcoin",
					    "image": "https://coin-images.coingecko.com/coins/images/1/large/bitcoin.png?1696501400",
					    "current_price": 62156,
					    "market_cap": 1227210276538,
					    "market_cap_rank": 1,
					    "fully_diluted_valuation":
						Response Code : 200 OK
						
						 API Response
						
						 {
						    "id": "bitcoin",
						    "symbol": "btc",
						    "name": "Bitcoin",
						    "image": "https://coin-images.coingecko.com/coins/images/1/large/bitcoin.png?1696501400",
						    "current_price": 62156,
						    "market_cap": 1227210276538,
						    "market_cap_rank": 1,
							Pass		

10	Coin Markets: GET /coins/markets	Verify the API Respone of Coin Markets: GET /coins/markets by giving vs_currency = abcd1 in query param	Execute below curl :
			
			 curl --location 'https://api.coingecko.com/api/v3/coins/markets?vs_currency=abcd1' \ --header 'accept: application/json' \ --header 'Cookie: __cf_bm=ixaK.ckfSgugUsuFLOsJ.rofCv4cOlUhUWplmIlyvwU-1722636238-1.0.1.1-spVHKr5E4TiCNPd5G1jHtyQo1Q4.G0D.edN7AgH4AClEoKR5gqPsbaBQ4mFepyjl21h0P9OVtxdXVBFkwWJ.yA'
				Pass below value in query params
				
				 vs_currency = abcd1
					Response Code : 400
					
					 API Response
					
					 {
					    "error": "invalid vs_currency"
					 }
						Response Code : 400
						
						 API Response
						
						 {
						    "error": "invalid vs_currency"
						 }
							Pass		

11	Coin Markets: GET /coins/markets	Verify the API Respone of Coin Markets: GET /coins/markets without giving vs_currency in query param	Execute below curl :
			
			 curl --location 'https://api.coingecko.com/api/v3/coins/markets' \ --header 'accept: application/json' \ --header 'Cookie: __cf_bm=CAs_kdW725TI7E1_PYmwb9Mqfk6VM_HeL4Z8IXcmem8-1722637399-1.0.1.1-2VuKN60HhXyoNR_jCgUhPEJnmfcM2JlPPlJPXR_2hZltWBJQBqVDUj0Sx.YN.0j5Mo_7t1FFBvJv..ibVSLNcQ'
				do not pass vs_currency in query param	Response Code : 422
					
					 API Response
					 {
					    "error": "Missing parameter vs_currency"
					 }
						Response Code : 422
						
						 API Response
						 {
						    "error": "Missing parameter vs_currency"
						 }
							Pass		

12	Coin Data: GET /coins/{id}	Verify the API Respone of Coin Data: GET /coins/{id} without giving vs_currency in query param	Execute below curl : curl --location 'https://api.coingecko.com/api/v3/coins/bitcoin' \ --header 'accept: application/json' \ --header 'Cookie: __cf_bm=_UCTRFICUF1wJyY5vt2BDaVxKd.0kiXvs5g6XvEjcGE-1722626241-1.0.1.1-FUJqq_8K0ERGS5ejdHJyjXYD71Y2s8HcPG.zw0BnehJgdmHhDwCpiqkYqfwvjM6N9a7G.6WRSNMZwVymbdIHdQ'	NA	Response Code : 200 OK API Response (Very Big Response)	Response Code : 200 OK API Response (Very Big Response)	Pass		