

API Test Plan	
Application Under Test	Gists https://docs.github.com/en/rest/gists/gists?apiVersion=2022-11-28#about-gists
Created By	Sunanda
Tester's Name	Sunanda
Version	1.0
Prerequisites	Tester has the valid login details for Gists (One can use Github account) and a valid authentication token available
Test Scope	Test scope includes the scenarios: <ul style="list-style-type: none"> - Create a Gist - Read Gist Information - Update a gist - Delete a Gist - List gist commits
Test Environment	Production
Test Objective	The main objectives of this testing process include: <ul style="list-style-type: none"> - Smoke Testing - Functionality - Performance: Load and Stress testing - Security Testing

API Feature	API Endpoint	API Method	Test Case ID	Test Case Name	Expected Status Code	Expected Response (Example Response)	Actual Status Code	Actual Response	Test Execution Status	Automation Status	Comments
Create a Gist	/gists	POST	TC_001	Create a gist with a single file	201	{ "url": "https://api.github.com/gists/2decf6c462d9b4418f2", "forks_url": "https://api.github.com/gists/2decf6c462d9b4418f2/forks", "commits_url": "https://api.github.com/gists/2decf6c462d9b4418f2/commits", }				Yes	
			TC_002	Create a gist with multiple files	201					Yes	
			TC_003	Create a public gist	201					Yes	
			TC_004	Create a secret gist	201					No	
			TC_005	Attempt to create a gist without required fields	422	{ "message": "Invalid request.\n\nInvalid input: object is missing required key: files.", "documentation_url": "https://docs.github.com/rest/gists/gists#create-a-gist" }				Yes	
Read Gist Information	/gists/public	GET	TC_006	List public gists	200	{ "url": "https://api.github.com/gists/aa5a315d61ae9438b18d", "forks_url": "https://api.github.com/gists/aa5a315d61ae9438b18d/forks", "commits_url": "https://api.github.com/gists/aa5a315d61ae9438b18d/commits", "id": "aa5a315d61ae9438b18d", "node_id": "MDQ6R2ozdGFHhWEzMTVhZTt0MzhiMTNh", "git_pull_url": "https://gist.github.com/aa5a315d61ae9438b18d.git", "git_push_url": "https://gist.github.com/aa5a315d61ae9438b18d.git", "html_url": "https://gist.github.com/aa5a315d61ae9438b18d", "files": { "hello_world.rb": { "filename": "hello_world.rb", "type": "application/x-ruby", "language": "Ruby", "raw_url": "https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/ra", "size": 167 } }, "public": true, "created_at": "2010-04-14T02:15:12Z", "updated_at": "2011-06-20T11:34:15Z", "description": "Hello World Examples", "comments": 0, "user": null, "comments_url": "https://api.github.com/gists/aa5a315d61ae9438b18d/comments", "owner": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlciE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://api.github.com/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://api.github.com/users/octocat/followers", "following_url": "https://api.github.com/users/octocat/following{/other_user}", "gists_url": "https://api.github.com/users/octocat/gists{/gist_id}", "starred_url": "https://api.github.com/users/octocat/starred{/owner}/{repo}", "subscriptions_url": "https://api.github.com/users/octocat/subscriptions", "organizations_url": "https://api.github.com/users/octocat/orgs", "repos_url": "https://api.github.com/users/octocat/repos", "events_url": "https://api.github.com/users/octocat/events{/privacy}", "received_events_url": "https://api.github.com/users/octocat/received_events", "type": "User", "site_admin": false }, "truncated": false }				Yes	

TC_012	Rename a file in a gist	<pre> { "url": "https://api.github.com/gists/2dec6c462d9b4418f2", "forks_url": "https://api.github.com/gists/2dec6c462d9b4418f2/forks", "commits_url": "https://api.github.com/gists/2dec6c462d9b4418f2/commits", "id": "2dec6c462d9b4418f2", "node_id": "G_kwDOBHtYLz2DINDOxOCgyY", "git_pull_url": "https://gist.github.com/2dec6c462d9b4418f2.git", "git_push_url": "https://gist.github.com/2dec6c462d9b4418f2.git", "html_url": "https://gist.github.com/2dec6c462d9b4418f2", "files": { "README.md": { "filename": "README.md", "type": "text/markdown", "language": "Markdown", "raw_url": "https://gist.githubusercontent.com/monalisa/2dec6c462d9b4418f2/raw", "size": 23, "truncated": false, "content": "Hello world from GitHub" } }, "public": true, "created_at": "2022-09-20T12:11:58Z", "updated_at": "2022-09-21T10:28:06Z", "description": "An updated gist description.", "comments": 0, "user": null, "comments_url": "https://api.github.com/gists/2dec6c462d9b4418f2/comments", "owner": { "login": "monalisa", "id": 104456405, "node_id": "U_kgDOBHtYLQ", "avatar_url": "https://avatars.githubusercontent.com/u/104456405?v=4", "gravatar_id": "", "url": "https://api.github.com/users/monalisa", "html_url": "https://github.com/monalisa", "followers_url": "https://api.github.com/users/monalisa/followers", "following_url": "https://api.github.com/users/monalisa/following{/other_user}", "gists_url": "https://api.github.com/users/monalisa/gists{/gist_id}", "starred_url": "https://api.github.com/users/monalisa/starred{/owner}/{repo}", "subscriptions_url": "https://api.github.com/users/monalisa/subscriptions", "organizations_url": "https://api.github.com/users/monalisa/orgs", "repos_url": "https://api.github.com/users/monalisa/repos", "events_url": "https://api.github.com/users/monalisa/events{/privacy}", "received_events_url": "https://api.github.com/users/monalisa/received_events", "type": "User", "site_admin": true }, "forks": [], "history": [{ "user": { "login": "monalisa", "id": 104456405, "node_id": "U_kgYLQ", "avatar_url": "https://avatars.githubusercontent.com/u/104456405?v=4", "gravatar_id": "", "url": "https://api.github.com/users/monalisa", "html_url": "https://github.com/monalisa", "followers_url": "https://api.github.com/users/monalisa/followers", "following_url": "https://api.github.com/users/monalisa/following{/other_user}", "gists_url": "https://api.github.com/users/monalisa/gists{/gist_id}", "starred_url": "https://api.github.com/users/monalisa/starred{/owner}/{repo}", "subscriptions_url": "https://api.github.com/users/monalisa/subscriptions", "organizations_url": "https://api.github.com/users/monalisa/orgs", "repos_url": "https://api.github.com/users/monalisa/repos", "events_url": "https://api.github.com/users/monalisa/events{/privacy}", "received_events_url": "https://api.github.com/users/monalisa/received_events", "type": "User", "site_admin": true }, "version": "468aac8caed50c3b859b8286968", "committed_at": "2022-09-21T10:28:06Z", "change_status": { "total": 2, "additions": 1, "deletions": 1 } }], "url": "https://api.github.com/gists/8481a81af6b7a2d418f2/468aac8caed50c3b859", "truncated": false } </pre>	200							No
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[illegible]

Delete a Gist	/gists/{gist_id}	DELETE	TC_014	Delete a file from a gist	200	{ "url": "https://api.github.com/gists/2decf6c462d9b4418f2", "forks_url": "https://api.github.com/gists/2decf6c462d9b4418f2/forks", "commits_url": "https://api.github.com/gists/2decf6c462d9b4418f2/commits", "id": "2decf6c462d9b4418f2", "node_id": "G_kwDOBHtY4ZDlNDXoxOCYy", "git_pull_url": "https://gist.github.com/2decf6c462d9b4418f2.git", "git_push_url": "https://gist.github.com/2decf6c462d9b4418f2.git", "html_url": "https://gist.github.com/2decf6c462d9b4418f2", "files": { "README.md": { "filename": "README.md", "type": "text/markdown", "language": "Markdown", "raw_url": "https://gist.githubusercontent.com/monalisa/2decf6c462d9b4418f2/raw", "size": 23, "truncated": false, "content": "Hello world from GitHub" } }, "public": true, "created_at": "2022-09-20T12:11:58Z", "updated_at": "2022-09-21T10:28:06Z", "description": "An updated gist description.", "comments": 0, "user": null, "comments_url": "https://api.github.com/gists/2decf6c462d9b4418f2/comments", "owner": { "login": "monalisa", "id": 104456405, "node_id": "U_kgDOBHtY4Q", "avatar_url": "https://avatars.githubusercontent.com/u/104456405?v=4", "gravatar_id": "", "url": "https://api.github.com/users/monalisa", "html_url": "https://github.com/monalisa", "followers_url": "https://api.github.com/users/monalisa/followers", "following_url": "https://api.github.com/users/monalisa/following{/other_user}", "gists_url": "https://api.github.com/users/monalisa/gists/{gist_id}", "starred_url": "https://api.github.com/users/monalisa/starred{/owner}/{repo}", "subscriptions_url": "https://api.github.com/users/monalisa/subscriptions", "organizations_url": "https://api.github.com/users/monalisa/orgs", "repos_url": "https://api.github.com/users/monalisa/repos", "events_url": "https://api.github.com/users/monalisa/events{/privacy}", "received_events_url": "https://api.github.com/users/monalisa/received_events", "type": "User", "site_admin": true }, "forks": [], "history": [{ "user": { "login": "monalisa", "id": 104456405, "node_id": "U_kgDOBHtY4Q", "avatar_url": "https://avatars.githubusercontent.com/u/104456405?v=4", "gravatar_id": "", "url": "https://api.github.com/users/monalisa", "html_url": "https://github.com/monalisa", "followers_url": "https://api.github.com/users/monalisa/followers", "following_url": "https://api.github.com/users/monalisa/following{/other_user}", "gists_url": "https://api.github.com/users/monalisa/gists/{gist_id}", "starred_url": "https://api.github.com/users/monalisa/starred{/owner}/{repo}", "subscriptions_url": "https://api.github.com/users/monalisa/subscriptions", "organizations_url": "https://api.github.com/users/monalisa/orgs", "repos_url": "https://api.github.com/users/monalisa/repos", "events_url": "https://api.github.com/users/monalisa/events{/privacy}", "received_events_url": "https://api.github.com/users/monalisa/received_events", "type": "User", "site_admin": true }, "version": "468aac8caed50c3b859b8286968", "committed_at": "2022-09-21T10:28:06Z", "change_status": { "total": 2, "additions": 1, "deletions": 1 }, "url": "https://api.github.com/gists/8481a81af6b7a2d418f2/468aac8caed50c3b859" }], "truncated": false }						No	
			TC_015	Attempt to update a gist that doesn't exist	404	{ "message": "Not Found", "documentation_url": "https://docs.github.com/rest/gists/gists#update-a-gist" }						Yes	
			TC_016	Delete an existing gist	204	No Response						Yes	
			TC_017	Attempt to delete a non-existing gist	404	{ "message": "Not Found", "documentation_url": "https://docs.github.com/rest/gists/gists#delete-a-gist" }						Yes	

Frontend Test Plan	
Application Under Test	Gists
Created By	Sunanda
Tester's Name	Sunanda
Version	1.0
Prerequisites	Tester has the valid login details for Gists (One can use Github account) and a valid authentication token available
Test Scope	Test scope includes the scenarios: <ul style="list-style-type: none"> - Create a Gist - Read Gist Information - Update a gist - Delete a Gist - List gist commits
Test Environment	Production
Test Objective	The main objectives of this testing process include: <ul style="list-style-type: none"> - Smoke Testing - Functionality - Performance: Load and Stress testing - Security Testing

Feature	Test Case ID	Test Case Name	Test Objective	Prerequisites	Test Step#	Test Steps	Expected Results	Actual Results	Test Execution Status	Automation Status	Comments
Create a Gist	TC_001	Create a public gist	Objective of the test case is to check if the user can create a public Gist	User has the valid Github credentials	Step 1	Navigate to the website https://gist.github.com/	Gists home page is displayed			No	
					Step2	Login using valid github credentials	User is able to login to the application				
					Step 3	Click on '+' icon at the top right corner of the page	Gist creation page is displayed				
					Step 4	Enter the valid details for the below fields: - Gist description - File name including extension - File content - or upload a file from your computer	User is able to enter the details				
					Step 5	Click on 'Create public gist' button	A public gist is created				
	TC_002	Create a secret gist	Objective of the test case is to check if the user can create a secret Gist	User has the valid Github credentials	Step 1	Navigate to the website https://gist.github.com/	Gists home page is displayed			Yes	
					Step2	Login using valid github credentials	User is able to login to the application				
					Step 3	Click on '+' icon at the top right corner of the page	Gist creation page is displayed				
					Step 4	Enter the valid details for the below fields: - Gist description - File name including extension - File content - or upload a file from your computer	User is able to enter the details				
					Step 5	Click on 'Create secret gist' button	A secret gist is created				
Read Gist Information	TC_003	List public gists	Objective of the test case is to check if all the public gists are listed for the users	-	Step 1	Navigate to the website https://gist.github.com/	Gists home page is displayed			Yes	
					Step2	Click on 'All gists' link	All gists' page is displayed				
Update Gist	TC_004	Update description of a gist	Objective of the test case is to check if all the description of a gist can be updated	User has the valid Github credentials	Step 1	Navigate to the website https://gist.github.com/	Gists home page is displayed			No	
					Step 2	Login using valid github credentials	User is able to login to the application				
					Step 3	Navigate to profile icon (at the top right corner) > Your gists	Secret gists available for the particular logged user are displayed				
					Step 4	Click on any Gist	Gist details page is displayed				
					Step 5	Click on 'Edit' button	Gist edit page is displayed				
					Step 6	Update the 'Description' of the gist	User is able to edit the description				
Delete a Gist	TC_005	Delete an existing gist	Objective of the test case is to check if all the description of a gist can be updated	User has the valid Github credentials	Step 1	Navigate to the website https://gist.github.com/	Gists home page is displayed			No	
					Step 2	Login using valid github credentials	User is able to login to the application				
					Step 3	Navigate to profile icon (at the top right corner) > Your gists	Secret gists available for the particular logged user are displayed				
					Step 4	Click on any Gist	Gist details page is displayed				
					Step 5	Click on 'Delete' button and confirm the deletion popup	Gist is deleted successfully				