



Lab/Project Assignment Report

Only for course Teacher						
		Needs Improvement	Developing	Sufficient	Above Average	Total Mark
Allocate mark & Percentage		25%	50%	75%	100%	5
Creativity	1					
Content Development	2					
Problem solving	1					
Organization and Formatting	1					
Total obtained mark						
Comments						

Semester: Summer-2025

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Batch: 40th

Section: D1

Course Code: SE-313 Course Name: Software Quality Assurance & Testing Lab

Course Teacher Name: ZNM Zarif Mahmud

Designation: Lecturer

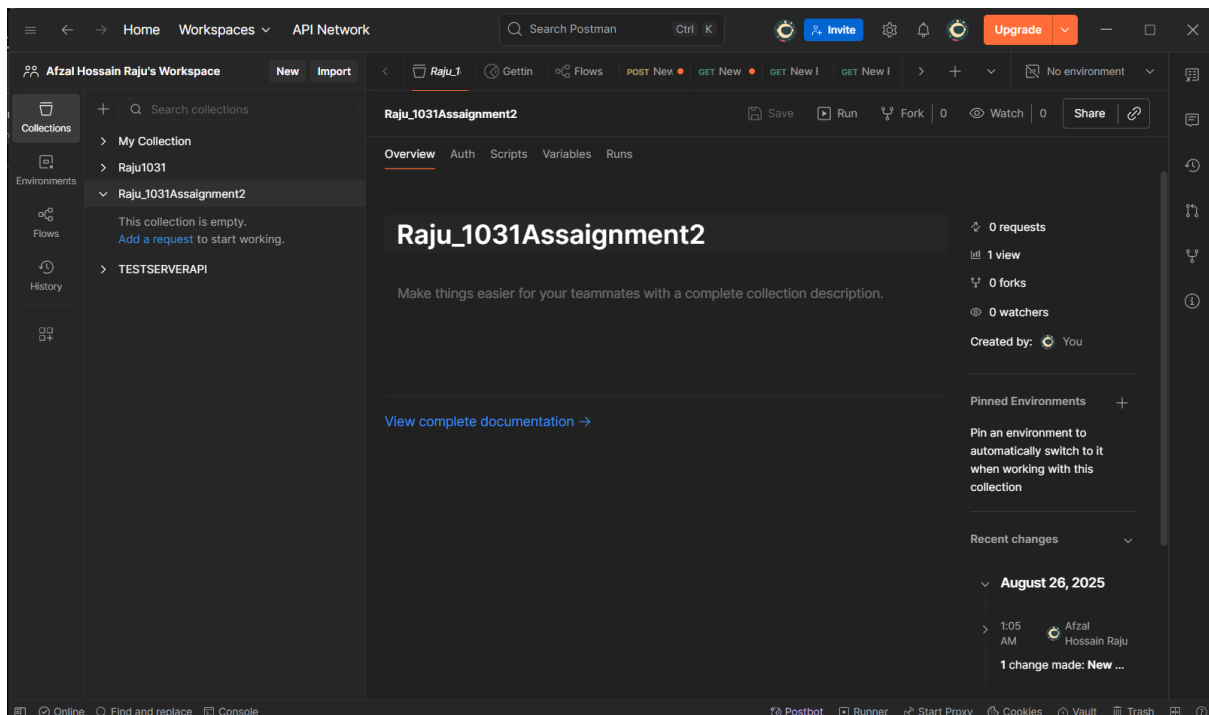
Submission Date: 26/08/2025

Postman – API Testing (Basic)

Task – 1: Installing Postman

1. Go to the official Postman website and download the ZIP file. After the download, extract the folder.
2. Use the desktop shortcut (Postman icon) to launch the application.

Task-2: Create a Collection named API Testing Assignment.



Task-3:

Inside the collection, include the following requests:

1. GET → Retrieve all posts from <https://jsonplaceholder.typicode.com/posts>.
2. POST → Add a new post with a sample title and content.
3. PUT → Modify an existing post with updated details.
4. DELETE → Remove a specific post.

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Afzal Hossain Raju's Workspace New Import

GET New GET New I GET New I GET https GET https POST http GET GET- No environment

Raju_1031Assignment2 GET - All Posts Save Share

GET https://jsonplaceholder.typicode.com/posts Send

Params Authorization Headers (6) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
Key	Value	Description	

Body Cookies Headers (25) Test Results 200 OK 337 ms 8.02 KB Save Response

JSON Preview Visualize

```
1 [
2   {
3     "userId": 1,
4     "id": 1,
5     "title": "sunt aut facere repellat provident occaecati excepturi optio reprehenderit",
6     "body": "quia et suscipit\nuscipit recusandae consequuntur expedita et cum\nreprehenderit molestiae ut ut quas totam\nnostrum rerum est autem sunt rem eveniet architecto"
7   },
8   {
9     "userId": 1,
10    "id": 2,
```

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Afzal Hossain Raju's Workspace New Import

GET New I GET New I GET https POST http GET GET- post http No environment

https://jsonplaceholder.typicode.com/posts Save Share

POST https://jsonplaceholder.typicode.com/posts Send

Params Authorization Headers (8) Body Scripts Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "title": "Sample post {{$guid}}",
3   "body": "Demo content created at {{$timestamp}}",
4   "userId": 1
5 }
6
```

Body Cookies Headers (25) Test Results 201 Created 760 ms 1.33 KB

JSON Preview Visualize

```
1 {
2   "title": "Sample post b13258c9-8dd8-4a1e-ba71-9f6f3ee1b9f7",
3   "body": "Demo content created at 1756150226",
4   "userId": 1,
5   "id": 101
6 }
```

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Afzal Hossain Raju's Workspace New Import

My Collection
Raju1031
Raju_1031Assaignment2
GET GET - All Posts
GET Update Post
GET Create Post
GET Delete Post
TESTSERVERAPI

Raju_1031Assaignment2 / Update Post

PUT https://jsonplaceholder.typicode.com/posts/1 Send

Params Authorization Headers (8) Body Scripts Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "id": 1,
3   "title": "Updated title",
4   "body": "This is an updated body",
5   "userId": 1
6 }
```

Body Cookies Headers (24) Test Results 200 OK 993 ms 1.18 KB Save Response

JSON Preview Visualize

```
1 {
2   "id": 1,
3   "title": "Updated title",
4   "body": "This is an updated body",
5   "userId": 1
6 }
```

Home Workspaces API Network Search Postman Ctrl K Upgrade

Afzal Hossain Raju's Workspace New Import

My Collection
Raju1031
Raju_1031Assaignment2
GET GET - All Posts
PUT Update Post
POST Create Post
DEL Delete Post
TESTSERVERAPI

Raju_1031Assaignment2 / Delete Post

DELETE https://jsonplaceholder.typicode.com/posts/1 Send

Params Authorization Headers (8) Body Scripts Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL Text

```
1 pm.test("Status is 200 (deleted)", () => {
2   pm.response.to.have.status(200);
3 });
4
5
```

Body Cookies Headers (24) Test Results 200 OK 970 ms 1.12 KB Save Response

JSON Preview Visualize

```
1
```

Task-4: Save all the request

Saved all the requests inside the collection

