



Lab/Project Assignment Report

Only for course Teacher					
		Needs Improvement	Developing	Sufficient	Above Average
Allocate mark & Percentage		25%	50%	75%	100%
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

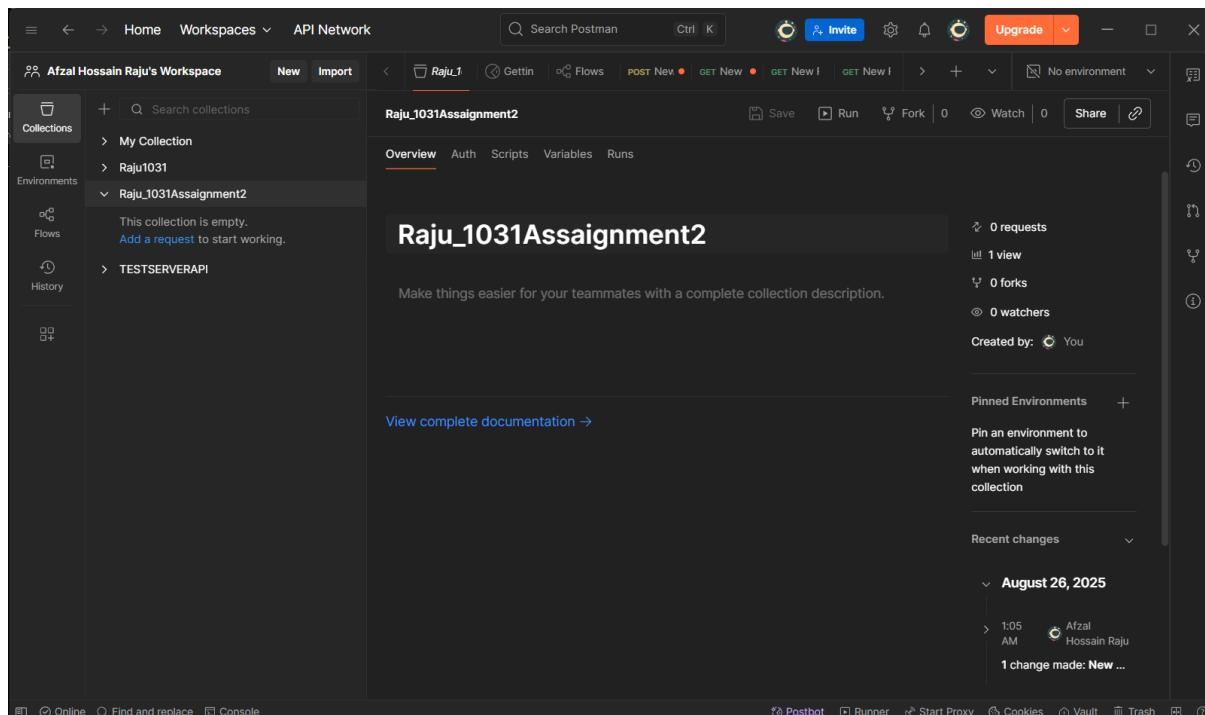
Submission Date: 26/08/2025

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.

The screenshot displays two separate Postman sessions side-by-side.

Top Session (GET Request):

- Collection:** Afzal Hossain Raju's Workspace > Raju_1031Assignment2 > GET GET - All Posts
- Method:** GET
- URL:** https://jsonplaceholder.typicode.com/posts
- Params:** (empty)
- Headers:** (empty)
- Body:** (empty)
- Test Results:** 200 OK (337 ms, 8.02 KB)
- Preview:** Shows a JSON array of posts from the jsonplaceholder.typicode.com endpoint.

Bottom Session (POST Request):

- Collection:** Afzal Hossain Raju's Workspace > Raju_1031Assignment2 > GET GET - All Posts
- Method:** POST
- URL:** https://jsonplaceholder.typicode.com/posts
- Params:** (empty)
- Headers:** (empty)
- Body:** (raw) JSON payload:

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

- Test Results:** 201 Created (760 ms, 1.33 KB)
- Preview:** Shows the newly created post with the specified title, body, and user ID.

The screenshot shows the Postman application interface. In the left sidebar, under 'Collections', there is a section for 'Afzal Hossain Raju's Workspace' which contains 'My Collection', 'Raju1031', and 'Raju_1031Assaignment2'. The 'Raju_1031Assaignment2' collection is expanded, showing 'GET GET – All Posts', 'PUT Update Post' (which is selected), 'GET Create Post', and 'GET Delete Post'. Below these are sections for 'TESTSERVERAPI' and 'TESTSERV'. In the main workspace, a 'PUT' request is being made to <https://jsonplaceholder.typicode.com/posts/1>. The 'Body' tab is selected, showing the following JSON payload:

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

The response status is 200 OK, with a response time of 993 ms and a size of 1.18 KB. The response body is identical to the sent body.

The screenshot shows the Postman application interface again. The left sidebar is identical to the first screenshot. In the main workspace, a 'DELETE' request is being made to <https://jsonplaceholder.typicode.com/posts/1>. The 'Body' tab is selected, showing the following JavaScript code:

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

The response status is 200 OK, with a response time of 970 ms and a size of 1.12 KB. The response body is empty.

Task-4: Save all the request

Saved all the requests inside the collection

The screenshot shows the interface of Afzal Hossain Raju's Workspace. On the left, there is a sidebar with four main categories: Collections, Environments, Flows, and History. The Collections section is currently selected, showing a list of collections: 'My Collection', 'Raju1031', and 'Raju_1031Assaignment2'. The third item, 'Raju_1031Assaignment2', is expanded, revealing four API requests: 'GET GET – All Posts', 'PUT Update Post', 'POST Create Post', and 'DEL Delete Post'. Above the collections list, there is a search bar labeled 'Search collections'. At the top right, there are 'New' and 'Import' buttons. The overall theme is dark.