

Task 2: Create APIs for the front end you have created in the previous task

API to add/edit in these components:

There should be two button:-

- 1) **Add** : On clicking Add button, if there is any data it should get clear and user should be able to add new data.(It will create new entry in the table)
- 2) **Update**: On clicking this button user should be able to update the data. (It will update entries in the table)
- 3) **Count**: API to show number of times(count), user has called ADD and Update API.

Things to consider:

- a) Clean code with proper commenting
- b) Mention the execution time for each API
- c) Provide the table/collection for database.
- d) Provide basic validations if needed
- e) Can use any database.

Part 2(Deployment):

- 1) Provide Automation in your CI/CD Pipeline that you push the new API Changes and job gets triggered to deploy the new feature
- 2) Attach the screenshot of scripts used and pipeline execution
- 3) Test the Deployed APIs using any API Testing tool e.g. Postman