## Test Plan

Purpose of Document: Create a test plan before marking the feature as completed in terms of regular story in the team sprint.

Objectives and Tasks: Perform QA activities on the API hosted at <https://reqres.in/>

Tasks include user story analysis, test case writing, test case execution, bug reporting and final test report for the user story.

Scope: Test documentation and execution of all the sub-tasks that are part of the user story. All the requests made available by the API will be tested.

Any requests that are not part of the user story will be excluded from testing.

Test Items: <https://reqres.in/>

References:

User Story ID

caresyntax – DW Team – Quality Assurance Engineer Assignment[23037].pdf

## Features to be tested

1. GET LIST USERS
2. GET SINGLE USER
3. GET SINGLE USER NOT FOUND
4. GET LIST <RESOURCE>
5. GET SINGLE <RESOURCE>
6. GET SINGLE <RESOURCE> NOT FOUND
7. POST CREATE
8. PUT UPDATE
9. PATCH UPDATE
10. DELETE
11. POST REGISTER SUCCESSFUL
12. POST REGISTER UNSUCCESSFUL
13. POST LOGIN SUCCESSFUL
14. POST LOGIN UNSUCCESSFUL
15. GET DELAYED RESPONSE

## Item Pass/Fail Criteria

Suspension Criteria: When no data is returned on all the requests mentioned in “Requests to be tested” section.

Resumption Criteria: When the problem that caused the suspension had been resolved, testing activities can be resumed.

Approval Criteria**:** An item will be considered as ‘Pass’ if it meets the ‘Expected Outcome’ defined in the corresponding test case.

## Approach

Database Testing – Testing that data is being stored, updated, removed and retrieved in the corresponding tables.

Functional Testing – Testing expected responses via the API interface (if any)

User Interface Testing – Testing that data being retrieved by the API is being displayed in conformity with the existing user interface standards.

## Schedule

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. | Task | Dependency | Deliverable | Sprint Day |
| 1 | User Story Analysis |  |  | 1-2 |
| 2 | Write Test Cases | Task 1 | Test Cases | 3-5 |
| 3 | Execute Test Cases | Task 2 |  | 6-10 |
| 4 | Issue Reporting | Task 3 | Bug Report | 6-10 |
| 5 | Retest Fixes | Task 4 | Test Report | 6-10 |