## Test Plan

Objectives and Tasks: Perform QA of Pagination, Filtering and Sorting features of the API hosted at <https://reqres.in/>

Tasks will include requirement analysis, test case writing, test case execution, bug reporting and generation of test report.

Scope: The scope of this test plan is to target the GET requests that return user/s and verifying that the data responses conform with the generated request.

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

## Requests 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

## Item Pass/Fail Criteria

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

Resumption Criteria: When data is returned on any GET request mentioned in the “Requests to be tested” section.

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

## Approach

Database Testing – Verifying that the corresponding tables have valid data

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

User Interface Testing – Testing the front end

## 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 |