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# Customer API – Open API

# Test Plan

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# **Objective**

To verify that "**Customer API – Open API**" is working as mentioned below:

The purpose of **Customer API – Open API enhancement** is that now we have implemented Add Customer function API for GET and POST in the OPEN API as we have for Cost Centre.

In this enhancement, we must verify through Get Request we are able to retrieve the existing Customers present in the database for that subscription.

Similarly, using Post request we can Add a new Customer in the database for that subscription or Update the existing Customer in the database for that subscription.

**Testing Team & Efforts**

**QA 1:** Anjani Jha

**QA 2:** Nitin Singh

**QA 3:** Pallavi Srivastava

**Efforts:** Demo / Dev (9 Hrs.)

# **Breakout of efforts**

1. **Documentation:** (Test Plan 1 Hr., Test Scenarios 1 Hr., Test Cases 1 Hrs.)

2. **Local / Demo Environment:** 3 Hrs. (includes 3 QA’s)

3. **Dev Environment:** 3 Hrs. (includes 3 QA’s)

4. **QA Environment:** 3 Hrs. (includes 3 QA’s)

# **Scope**

Following are the functions that will be impacted due to this Enhancement and are within the scope of the testing:

1. Customer
2. Claim Expenses
3. Claim Approval
4. Export

# **Strategy**

“**Customer API – Open API**" will be validated in the following environments:

**I.) Dev Environment**

"**Customer API – Open API**" will be developed and verified in the dev environment. The Entry and Exit criteria for the same are:

Entry Criteria:

* The requirement for "**Customer API – Open API**" is finalized and approved.
* The design for "**Customer API – Open API**" is finalized and signed off.

Exit Criteria:

* All the positive scenarios are passed.

**II.) QA Environment**

"**Customer API – Open API**" will be tested in the QA environment. The Entry and Exit criteria for the same are:

Entry Criteria:

* Dev’s exit criteria have been met.

Exit Criteria:

* Positive and negative scenarios are passed.
* Defects found (P1, S1, and P1, S2) during functional testing is fixed, deployed, retested, and closed.

**III.) Production Environment**

Sanity testing will be performed in the Production environment. The Entry and Exit criteria for the same are:

Entry Criteria:

* Code is deployed in the Production environment.

Exit Criteria:

* Code is reflected in the Production environment.

# **Defects**

* Defects found during functional and sanity testing will be logged into VSTS by the QA team.
* The Dev team will look into the issue, fix it in the Dev environment, unit test it, and deploy it on the QA environment.
* QA team will then retest the defect and change the status accordingly (Closed or Reopened).
* Defects that are not going to be fixed in this release, will be moved, and fixed in the next release.
* Test Cases that are getting affected by the deferred defects will remain in failed status and will be executed in the release when the defect will be fixed respectively.

# **6.** **Test Schedule**

**Demo / Dev: 03/03/23**

**QA: 23/03/23**

# **7.** **Release Date:** This function planned release is: 24/03/23.

# **8.** **Test Artifacts**

Following are the test artifacts that will be delivered as part of this release:

|  |  |
| --- | --- |
| **Test Artifacts** | **Ownership** |
| Test Plan | Owner: Pallavi Srivastava  Reviewer: Arjan Bolwerk / Sunita Nigam |
| Test Scenario | Owner: Anjani Jha  Reviewer: Arjan Bolwerk / Sunita Nigam |
| Test Cases | Owner: Nitin  Reviewer: Arjan Bolwerk / Sunita Nigam |

# **9. Automation**

This function will be automated in the next release. In the current release, all the test case  
will be executed manually.

# **10.** **Test Summary Report**

Following is the test summary report:

* No. of Test Scenarios:
* No. of Test Cases:
* No. of defects found on QA Environment:

# **11.** **Other Details related to the function**