**TEST SUMMARY REPORT FOR Find the Interest Amount for Current Year (emicalculator.net)**

**Submitted to**

Cognizant Technology Solutions

**Submitted by**

Shaik Riyaz Ahemed (899563)

Priya Gahloth(899623)

Sayed Sirajunnisa (899512)

Shaik Rubeena(899583)

Nagendla Sarath (899510)

**For more information please visit on website:**

[**https://www.emicalculator.net**](https://www.emicalculator.net)

**Date of Submission**

April 2021



**Find Interest Amount for Current Year (emicalculator.net)**

**Test Summary Report**

Version No.1.0

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Prepared By / Last Updated By** | **Reviewed By** | **Approved By** |
| **Name** |  |  |  |
| **Role** |  |  |  |
| **Signature** |  |  |  |
| **Date** |  |  |  |

TABLE OF CONTENTS

[1.0 INTRODUCTION 3](#_Toc10197182)

[1.1 Purpose 3](#_Toc10197183)

[1.2 Target Audience 3](#_Toc10197184)

[1.3 Project Team 3](#_Toc10197185)

[1.4 References](#_Toc10197186) 4

[2.0 TEST SUMMARY REPORT](#_Toc10197187) 4

[2.1 Test Coverage](#_Toc10197188) 4

[2.2 Types of Functional Testing/Automation testing Conducted](#_Toc10197189) 4

[2.3 Test Environment / Tools Used](#_Toc10197190) 5

[2.4 Items Tested](#_Toc10197191)  6

[3.0 TEST RESULTS](#_Toc10197193) 6

[3.1 Defect Summary](#_Toc10197194) 6

[3.2 Test Execution Summary](#_Toc10197195) 7

[3.3 Metrics Generated](#_Toc10197196) 8

[3.4 Assumptions](#_Toc10197197) 11

[4.0 TEST DElLIVERABLES 1](#_Toc10197198)1

[4.1 Known Issues 1](#_Toc10197199)1

[4.2 Lessons Learnt 1](#_Toc10197201)2

[5.0 BEST PRACTICES 1](#_Toc10197202)2

**6.0 EXIT CRITERIA 12**

**7.0 CONCLUSION 13**

**1.0. INTRODUCTION**

## **1.1. Purpose**

The purpose of this document is to provide an insight on the completed Test Cycles, which includes recommendations that can be used for test optimization and defect prevention. It provides the complete summary of the entire testing cycle.

**1.2. Target Audience**

|  |  |
| --- | --- |
| **BUSINESS IDEA** | **TARGET AUDIENCE** |
| Car Loan | Customers who are intended to take Car Loans. |
| Home Loan | Customers who are intended to take Home Loans. |
| Loan Calculator | Customer who intended to take Loans |

## **1.3. Project Team**

|  |  |
| --- | --- |
| **TEAM-HACKTHON EXPRESS** | |
| **TEAM MEMBERS** | **ROLE** |
| Shaik Riyaz Ahemed | Program Analyst Trainee(PAT) |
| Priya Gahloth |
| Sayed Sirajunnnisa |
| Shaik Rubeena |
| Nagendla Sarath |  |

## 

## **1.41.4 References**

**FRD** - [https://www.guru99.com/functional-requirement-specification- example.html](https://www.guru99.com/functional-requirement-specification-%20%20%20%20%20%20%20example.html)

**Test cases** - [https://www.guru99.com/download-sample-test-case- template-with explanation-of- important-fields.html](https://www.guru99.com/download-sample-test-case- template-with explanation-of-  important-fields.html)

# **2.0. TEST SUMMARY REPORT**

## **2.1. Test Coverage**

Test Coverage provides a view of the test cases defined against requirements to ensure that all requirements can be tested. In addition, during test execution, the Test Coverage provides a status of the test execution results against the requirements (pass, fail, not executed)

**2.2. Types of Functional Testing/Automation testing**

## **Conducted**

|  |  |
| --- | --- |
| **TYPES OF TESTING** | **PARAMETERS** |
| **FUNCTIONAL** | CAR LOAN TAB |
| HOME LOAN TAB |
| LOAN CALCULATOR TAB |
| EMI CALCULATOR TAB |
| LOAN AMOUNT CALCULATOR TAB |
| LOAN TENURE CALCULATOR |
| FIELD VALIDATIONS |
| **SMOKE** | CAR LOAN TAB |
| HOME LOAN TAB |
| EMI TEXT BOXES |
| SLIDERS |
| LOAN CALCULATOR TAB |
| **REGRESSION** | CAR LOAN AMOUNT |
| LOAN TENURE |
| INTEREST RATE |

## **2.3. Test Environment / Tools Used**

**Test environment**

|  |  |
| --- | --- |
| **Application URL** | <https://www.emicalculator.com> |
| **Web Server** | Apache |
| **Operating System** | Windows |
| **Browser** | Chrome/Firefox |
| **Java** | Java Eclipse IDE  2020-12 (4.18.0) |
|
| **Data** | Excel sheet |

**Tools:** 1. Selenium

2. Maven

3. Jenkins

**2.4. Items Tested**

* Principle Amount and Interest amount for Car Loan
* Loan Amount, Sliders for Home Loan
* Loan Calculator from Calculators drop down
* EMI Calculator Text Boxes, Sliders
* Loan Amount Calculator Text Boxes ,Sliders
* Loan Tenure Text Boxes ,Sliders

**3.0. TEST RESULTS**

**3.1. Defect summary**

|  |  |  |
| --- | --- | --- |
| **SCENARIO NAME** | **SCENARIO DESCRIPTION** | **STATUS** |
| FROM Functionality | To check the field validation of **FROM** textbox for invalid test data | Fail |
|
|
| TO Functionality | To check the field validation of **TO** textbox for invalid test data | Fail |
|
|
| Car Loan Functionality | To check the field validation of Loan Amount, Loan tenure, Interest rate boxes for invalid test data | Fail |
|
|
| Home Loan Functionality | To check the field validation of Amount box for invalid test data | Fail |
|
|
|
|

**3.2 Test Execute Summary**

|  |  |  |
| --- | --- | --- |
| **SCENARIO NAME** | **SCENARIO DESCRIPTION** | **STATUS** |
| CAR LOAN CALCULATION | It checks whether application validates the input data and navigates to appropriate **CAR LOAN result** page | Pass |
|
|
| It checks whether the user is able to navigate the website. | Pass |
|
|
| It checks the Car Loan EMI Calculator with given values | Pass |
|
|
|
| HOME LOAN EMI CALCULATOR | It checks whether application validates the input data and navigates to appropriate **HOME LOAN** result page | Pass |
|
|
|
| It checks the field validation of Loan Amount ,Tenure and Interest Rate | Pass |
|
|
|
| LOAN CALCULATOR | It checks whether application validates the input data and navigates to appropriate **EMI Calculator**  result page and checks Sliders and Text Boxes | Pass |
|
|
|
| It checks whether application validates the input data and navigates to appropriate **LOAN AMOUNT CALCULATOR** page and also checks Sliders and Text Boxes | Pass |
|
|
|
| It checks whether application validates the input data and navigates to appropriate **LOAN TENURE CALCULATOR** page | Pass |
|
|
|
|
|
|
|

## **3. 3 Matrices Generated**

**i. Number of Test Cases Passed/Failed**

|  |  |  |
| --- | --- | --- |
| **NO.OF TEST CASES** | **TEST CASE PASSED** | **TEST CASE FAILED** |
| 57 | 57 | 0 |

**ii. Number of Defects indentified and Their Status &Severity**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **CRITICAL** | **HIGH** | **MEDIUM** | **LOW** | **TOTAL** |
| OPEN | 0 | 2 | 0 | 0 | 2 |
| CLOSED | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  | 2 |
|  |  |  |  |  |  |

**iii. Defect distribution module wise**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Car Loan** | **Home Loan** | **Loan Calculator** | **TOTAL** |
| **CRITICAL** | 0 | 0 | 0 | 1 |
| **HIGH** | 0 | 1 | 0 | 0 |
| **MEDIUM** | 0 | 0 | 1 | 1 |
| **LOW** | 0 | 0 | 0 | 0 |
| **TOTAL** | 0 | 1 | 1 | 2 |

**3.4. Assumptions**

In the given application there are no defects so we are assuming the defects in the following functionalities when we are entering the invalid data.

1. **Car Loan –** Entering invalid data in interest rate
2. **Home Loan –** Entering Alphabetic values instead of numeric values
3. **Loan Calculator –** Giving Null Values instead of numeric values

**4.0. TEST DELIVERABLES**

|  |  |
| --- | --- |
| **Test Strategy** | <Attach here> |
| **Test cases** | <Attach here> |
| **Test Logs** | <Attach here> |
| **Automation Plan / Approach** | <Attach here> / <SVN Path> |
| **Automation Scripts / Framework / Tools** | <Attach here> / <SVN Path> |
| **Automation Logs** | <Attach here> / <SVN Path> |

## 

## **4.1. Known Issues**

* In EMI Calculator application, Home Loan Calculator and Loan Calculator when data is entered a third party advertisement appears.

**4.2. Lessons Learnt**

|  |  |  |
| --- | --- | --- |
| **S.NO** | **Issues Faced** | **Solutions** |
| **1** | Smoke testing test cases required to be executed manually each time | Smoke test cases were automated and the scripts were run, which ran fast and saved time. |

**5.0. BEST PRACTICES**

* Smoke test cases were automated and the scripts were run, which ran fast and saved time.
* Automation scripts were prepared to create new customers, where lot of records need to be created for Testing.
* Business critical scenarios are separately tested on the entire application which are vital to certify they works fine

**6.0. EXIT CRITERIA**

* All test cases should be executed–Yes
* All defects in Critical, Major, Medium severity should be verified and closed-yes
* All smoke and regression test cases are executed – Yes

**7.0. CONCLUSION:**

As the Exit criteria was met and satisfied as mentioned, this application is suggested to ‘Go Live’ by the Testing team. Appropriate User/Business acceptance testing should be performed before ‘Go Live’.