**Experience Document**

**for Find the Interest Amount of 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)

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**1.0. INTRODUCTION**

## Purpose

An EMI Calculator is a utility tool, which helps you to calculate the amount you repay each month towards your loan.You can use the EMI calculator and calculate the EMI amount on a car loan, home loan, bike loan, or a personal loan. You get an idea of the monthly repayments you make towards these loans.

**1.2. Abbreviations and Acronyms**

* HTML- Hyper Text Markup Language
* CSS -Cascading Style Sheets
* RAM - Random Access Memory.
* GB - Giga Bytes.
* HTTP –Hyper Text Transfer Protocol

**1.3. References**

<https://www.paisabazaar.com/emi-calculator/>

**1.4. Document conventions**

Bold faced text has been used to emphasise headings and subheadings. Arial font has been used with headings of size 16 and subheadings of size 16 and the description with14.

**2.0. TEAM NAME**

TEAM NAME – HACKATHON XPRESS



**PAT ----🡪PA**

**Via**

**HACKATHON**

**TEAM MEMBERS**

Shaik Riyaz Ahemed

Priya Gahloth

Sayed Sirajunnisa

Shaik Rubeena

Nagendla Sarath

**3.0. ROLES AND RESPONSIBILITES**

|  |  |  |
| --- | --- | --- |
| **MEMBERS** | **ROLES** | **RESPONSIBILITIES** |
| Shaik Riyaz Ahemed | Team Lead | Components, Reports |
| Priya Ghaloth | Automation | POM, TestNG |
| Sayed Sirajunnisa | Automation and Testing | Manual & Automation Testcases, Documents, PPT,POM |
| Shaik Rubeena | Automation | Maven, Jenkins, Selenium Grid |
| Nagendla Sarath | Automation | POM, TestNG |

**4.0. EXPERIENCE**

Inthe overall project our team got different types of experiences

They are explained below.

Expected Deliverable

FRD - Functional Requirement Document:

 The function requirement document is a complete description of the

Features and functionality of the product [www.emicalculator.net](http://www.emicalculator.net/)

 Guideline Document:

This Document is a complete details regarding the project. This includes

Testing Approaches, Testing Techniques, Coding Standards, Testing Standards and Communication channels etc.

Test Scenario, Test Cases & RTM:

This document is typically a worksheet that contains the requirements with

It’s all possible test scenarios and cases and their current state, i.e. if they have been passed or failed.

Manual Testing:

Tester tests the application manually to ensure that the application is

Error free and it is working in conformance to the specified functional requirements

Test Summary Report:

This document explains the various activities performed as part of the Testing.

Test Summary Report is prepared at the end of a Testing project, or rather after Testing is completed.

Feasibility Analysis report and Feasibility Script:

Feasibility analysis in automation testing refers to a checklist on basis of which

we can decide that we should proceed with the automation of the test cases or not.

Automation Script:

A test is considered as a single action or a sequence of actions, that defines

Whether a specific feature meets functional requirements. It has multiple test files / packages / class files which will be executed based on the configurations defined in testng.xml.

Framework Document:

 A test automation framework is a set of processes, standards and interactions

Between the components in which scripts are designed and executed.

**Challenges Faced:**

1. During the automation testing the advertisement message was occurred and makes the test cases failed.

**Overcome:**

1. We handle the advertisement message with the navigate command which helps to refresh the page and to overcome the problem.
2. We re-scheduled according to the time extensions. However we planned within the deadline. We worked extra hours to meet the deadline. Prioritising tasks helped us to meet the requirements in time.

**Learnings:**

1. **Technical skills:**
2. Selenium:

For Automation Testing we used Selenium with JAVA, we used selenium as framework to validate the web page.

1. Maven:

Based on the concept of a Project Object Model (POM), we learnt how to manage a project’s build, reporting and documentation from a central piece of information.

1. TestNG:  Using TestNG we learn how to run test cases, dependent tests, and run test cases parallelly. We learnt how to generate html-report.

1. POI:

We learnt how to read and write data from the end to end excel file.

1. XMl:

Using XML we learnt how to store and transport data to new operating system, application or browsers without losing data.

1. Documentation:

We learnt a better to documents test Scenarios, Test Cases, Framework, FRD and test summary report.

1. We learnt working with multiple browsers and learnt how to locate elements.

1. **Working in team:**

Working with team members of different regions gave new experience of understanding different ideas and combining them for the testing of project. We learnt how to collaborate within team.

1. **Time management:**

We learnt how to manage time and got better understanding on

Scheduling things.

**Team Appreciation:**

We appreciate every team member’s effort and the work. We received technical support and guidance from our technical trainer as well as from our peer member in time.

THANK YOU