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| **FEASIBILITY ANALYSIS** |

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| Project Name | Find the Interest Amount for current year | | | |
| Name of product | [www.emicalculator.net](http://www.emicalculator.net) | | | |
| Product Description | Web application is designed to calculate various EMI’s. | | | |
| Project Description | To perform functional and GUI testing. | | | |
| Project Type | Automation Testing | | | |
| Project Duration | Start Date | 07-04-2021 | End Date | 17-04-2021 |

FIND THE INTEREST AMOUNT FOR CURRENT YEAR

Team Members –

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| --- | --- |
| Emp ID | Emp Name |
| 899386 | Vyshnavi Garikapati |
| 899433 | Nimmanapalli Sai Abhijith Reddy |
| 899490 | Navitha Jutur Chinna Reddy |
| 899447 | Anusha Vontela |
| 899424 | Balla Divya Bhargavi |

**Functional Knowledge –**The Application calculates the EMI amount based on the given input. It calculates EMI for two aspects 1. Based on Year and 2. Based on Month. Provides the various EMI’s to calculate. “Car Loan”, “Home Loan EMI Calculator”,” Personal Loan Calculator”, “Loan calculator”, “Interest Rate Calculator”,” Loan tenure Calculator”. Application takes input for calculation such as: -

Car Loan Amount – 15,00,000

Interest Rate – 9.5

Loan Tenure – 1 Year / 12 Month

It will calculate and populate the results into tabular form. It will also display data based on month and year.

Note: -

**Application Type** – Web Application

**Application status** – Implementation Is done.

**All the required and access privileges is provided to the AutomationTeam.**

**Automation Tools –**

Eclipse Neon 3

Apache POI

Test NG

Maven Automation Build Tool

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| Locator’s Name Path | |
| Feature | **Locators Path** |
| Car Loan | //a[contains(text(), ‘Car Loan’)] |
| Car Loan Amount | //input[@id='loanamount'] |
| Interest Rate Slider | //div[@id='loaninterestslider']/span |
| Loan Tenure Year Button | //input[@id='loanyears'] |
| Loan Tenure Month Button | //input[@id='loanmonths'] |
| EMI Start Month | //input[@id='startmonthyear'] |
| Calculators Menu | //a[text() = 'Calculators'] |
| Home Loan EMI Calculator | //a[text() = 'Home Loan EMI Calculator'] |
| Loan Calculator | //a[text() = 'Loan Calculator'] |
| EMI Calculator | //li[@id='emi-calc']/a |
| Loan Amount Calculator | //li[@id='loan-amount-calc']/a |
| Loan Tenure Calculator | //li[@id='loan-tenure-calc']/a[1] |
| Interest Rate Calculator | //li[@id='interest-rate-calc']/a[1] |

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| Total Key Requirements | 32 |
| Feasible requirement | 31 |
| Non-Feasible requirement | 1 |
| Details of Non-Feasible requirement | Result Table: Home Loan EMI Calculator |
| Feasibility Percentage | 96.875 |
| Overall Status | PARTIALLY FEASIBLE |

**Feasibility Summary -**