TEST PLAN FOR BILLING

Test plan identifier: Billing\_testplan\_01

Test objective/aim: The purpose of this document is to create an application test plan for a console-based billing system.

The purpose of testing this program is to check the correct operation in which the customers can get their total bill for their product.

Scope of testing:

1. Within Scope:

The scope of testing includes the bill format, displayed date, price calculation.

2. Out of scope:

The features like the font color, font style.

Storing the bill – will be included in the next build

Test Strategy:

·Levels of testing:

1. Unit testing
2. System testing
3. User acceptance testing

·Types of testing:

1. Functional testing

· Test design technique:

White box techniques: Statement coverage, branch coverage.

Black box techniques: ECP and BVA.

· Terminology: Billing system, Customer name, no of Products, Product Name, Price, Quantity, Discount.

Entry and Exit criteria:

Entry: Approved requirements by stakeholders and the completion of coding phase.

Exit: When all the test scenarios and test cases are executed.

Test deliverables:

Test plan, Test cases, Test scenario, defect log, and RTM.

Roles and responsibilities:

|  |  |  |
| --- | --- | --- |
| Name | Role | Responsibility |
| Ankala Naresh Kumar | Team member | Designing the testing scenarios |
| Gunje Sri Navya | Team member | Creating test plan |
| Somu Nirupa | Team member | Designing the test cases, defect log and RTM |

Risks and Mitigation & Risk and contingencies:

· Risks and contingency: To avoid the input mismatch errors try to recheck the details manually that is given to application.

· Risks and mitigation: To avoid the big errors, user should restart the process if he/she think the details is not proper or need to add something after entering the detail.

Schedule:

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Task | Start date | End date |
| Gunje Sri Navya | Creating test plan | 18/06/2022 | 19/06/2022 |
| Ankala Naresh kumar | Creating test scenarios | 18/06/2022 | 19/06/2022 |
| Somu Nirupa | Creating test cases, defect log and RTM | 18/06/2022 | 19/06/2022 |

Hiring and Training:

To perform various tasks, you need to have the following knowledge and skills

Then to perform them the persons will eligible for this field of testing.

Knowledge and ability to apply in the practice the basic techniques of test design

Knowledge of various types of testing including functional and non-functional

Test environment:

A system with a console that can be any operating system with a command prompt and JDK installed in system and also with the application’s class file.

Assumption:

If any new additional features are to be added to the billing, then there will be an error or bug displaying.

Approval information:

Test plan by Customer and Test lead/manager.

The test case should be approved by the test lead.

Test cases and scenarios verified by test engineer and test lead.

Test metrics:(measurements)

All types of metrics like defect metrics, test coverage, pass and fail percentage.