**Test Plan Document**

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| **Test plan identifiers** | IntrCity SmartBus |
| **Reference** | https://www.intrcity.com/about-us |
| **Introduction** | IntrCity SmartBus provides safe, trusted and standardized travel option around India’s long distance routes. Operating across 630+ routes in 16 states. |
| **Approach** | 1. **Method of Testing: -**     1. Black Box Testing 2. **Levels of Testing: -**     1. System Testing 3. **Type of Testing: -**    1. Functional Testing    2. Compatibility Testing    3. GUI Testing    4. Usability Testing |
| **Test Items** | IntrCity SmartBus |
| **Feature to be tested** | 1. Sign In 2. Search bus 3. Proceed to pay 4. Bus Hire |
| **Features not to be tested** | 1. My booking 2. Bus ticket 3. Saving card 4. Offer 5. Punctuality |
| **Test deliverable** | * Test plan * Test Scenario * Test case * Defect Report |
| **Test Environment** | |  |  | | --- | --- | | Hardware:- |  | | RAM | 8 GB | | Processor | AMD A8-7410 APU with AMD Radeon R5 Graphics 2.20 GHz | | Operating System | Windows, | | Server | Apache Tomcat | | Browser | Google Chrome, Mozilla fire-fox | | Software | MS word, MS excel, Adobe pdf reader, Google chrome, Mozilla firefox | | pdf reader | Adobe pdf reader, MS excel | |
| **Schedule** | |  |  |  |  | | --- | --- | --- | --- | | **Sr. no.** | **Task/ Activities** | **Days** | **Date range** | |  | Test plan writing | 2 | 12/09/2023 - 12/09/2023 | |  | Test scenario writing | 3 | 13/09/2023 - 18/09/2023 | |  | Test case writing | 4 | 20/09/2023 - 26/09/2023 | |  | Test case execution | 2 | 27/09/2023 - 30/09/2023 | |  | Defect reporting | 1 | 01/10/2023 | |  | Presentation | 1 | 03/10/2023 | |
| **Responsibilities** | |  |  |  |  | | --- | --- | --- | --- | | **Sr. no.** | **Name of the person** | **Designation** | **Test Activities** | |  | VIDYA | Test lead | Review | |  | TRIPATI | Sr. Tester | Test plan writing | |  | TRIPATI | Sr. Tester | Test case writing | |  | TRIPATI | Jr. Tester | Test Case execution | |  | TRIPATI | Jr. Tester | Defect Reporting | |
| **Staffing and training need** | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Staff** | **Skills** | **Training Conducted by** | **Employee name** | **Training topic** | | Manual Tester -1 | Manual testing, Test Case writing, Test scenario writing, Defect reporting, Mantis, Front Accounting | Vidya | Tripati | Manual testing, Test Case writing, Test scenario writing, Defect reporting, Mantis, Front Accounting | |
| **S/W Risk issues(Product)** | * Software doesn’t perform some functions as per specification. * Software doesn’t perform as per expectation. * User experience of the product doesn’t meet customer expectations. * Response times are high for critical functions. * Computation Error – These are common issues that a developer has not written the correct computational logic in code. E.g. – When a discount applies to a product, then the discounts gets applied to shipping costs as well. * A loop Structure is coded wrong. * Software is unreliable and frequently fails to work. * Safety and security related issues. * Data base security related issues. |
| **S/W Risk issues(Project)** | * Lack of Training. * Delay in receiving built. * Network connection issues. * Installation issues. * Lack of resources. * Backup and Restore problem. * Database connection issues. * Unavailability of Test Environment. * Lack of system admin. * Delay in fixing defects by developing team. * Shortage of staffs and their skills. * Major changes in SRS which invalidates the test cases and requires changes in the test case. |
| **Risk and contingencies** |  |
| **Suspend and resume criteria** | |  |  | | --- | --- | | **Suspend Criteria** | **Resume Criteria** | | * Show stopper defect found (Blocker Defect) | * Show Stopper defect is resolved and retested | | * No electricity | * Electricity issue resolved | | * System crashed | * System is required and started working properly | | * Network Crashed | * Network is available | |  |  | |
| **Item pass / fail criteria** | |  | | --- | | **Exit criteria:-** (Item pas fail criteria) | | * All the test case should be executed(i.e. 100% Test coverage) | | * 90% Test case should be pass and 100% test case may be fail with low severity and low priority. | | * Required Quality of product (software) should be achieved. | | * All the test deliverables should be Updated | |
| **Approval** | |  |  |  |  | | --- | --- | --- | --- | | **Sr. No.** | **Name of the person** | **Designation and role** | **Date** | |  | Vidya | Test Lead | 12/09/2023 | |