|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | Team ID | PNT2022TMID38891 |  |  |
|  |  |  | Project Name | Project - IoT Based Safety Gadget for Child Safety Monitoring & Notification |  |  |
|  |  |  |  |  |  |  |
|  | | | NFT - Risk Assessment | |  | |
| S.No | Project Name | Scope/feature | Functional Changes | Hardware Changes | Risk Score | Justification |
| 1 | IoT Based Safety Gadget for Child Safety Monitoring & Notification | New | No Changes | No Changes | GREEN | As we have completed the project successfully |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  | NFT - Detailed Test Plan | | |  |
|  |  |  | S.No | Project Overview | NFT Test Approach |  |
|  |  |  | 1 | This project proposes a model for child safety through smartphones that can track their children’s location and give the precise coordinates of the child’s location in real-time anywhere. | Load Test |  |
|  |  |  |  |  |  |  |
|  |  |  | End Of Test Report | |  |  |
| S.No | Project Overview | NFT Test approach | NFR - Met | Test Outcome | Approvals/SignOff |  |
| 1 | The application aside from conceding you to track down your children when they’re within Geofence range, also functions when your kids go farther afield. Its competence as a tracker is outstanding if you live in densely populated areas like cities or big towns. | Load Test | Nil | Respone time meet the actual Result | Approved |  |
|  | v |  |  |  |  |  |

|  |  |
| --- | --- |
| **NFT Test approach** | |
| **Load Test** | |
| Scenario Name | Load Test - Location Tracker SAMPLE PROJECT |
| Scenario Type | Load Test - Duration 15 minutes |
| Scenario Objectives | To Stimulate Python Code( Location Details) and to monitor the performance of Location Tracker SAMPLE PROJECT |
| Steps | 1. We have integrate IBM Watson IoT Platform in order to get this Location details from python program. 2. We also integrate fast SMS service in order to send an alert to guardian or   parent |
| Entry Criteria | Test data is set-up. All the Components( software & hardware ) is set-up. It is completed successfully. |
| Exit Criteria | Response time meets the actual Result.  Test completion report is agreed upon by mentors |