**Project Design Phase-2**

**Solution Requirements (Functional & Non-Functional)**

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| **Date** | 19-October 2022 |
| **Team Id** | PNT2022TMID05082 |
| **Project Name** | Inventory Management System for Retailers |
| **Maximum Marks** | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution

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| --- | --- | --- |
| **FR No** | **Functional Requirements (Epic)** | **Sub Requirement (Story/ Sub-Task)** |
| FR-1 | User Registration | Registration through application  Registration through Gmail |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User monthly expense tentative data | Data to be registered in the app |
| FR-4 | User monthly income data | Data to be registered in the app |
| FR-5 | Alert/ Notification | Alert through E-mail  Alert through SMS |
| FR-6 | User Budget plan | Planning and Tracking of user expense vs budget limit |

**Non-Functional Requirements:**

Following are the non-functional requirements of the proposed solution.

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| --- | --- | --- |
| **FR No** | **Non-Functional Requirements** | **Description** |
| NFR-1 | Usability | Effectiveness, efficiency and overall satisfaction of the user while interacting with our application. |
| NFR-2 | Security | Authentication, authorization, encryption of the application. |
| NFR-3 | Reliability | Probability of failure free operations in a specified environment for a specified time. |
| NFR-4 | Performance | How the application is functioning and how responsive the application is to the end users. |
| NFR-5 | Availability | Without 100 percent availability, application reliability and the user satisfaction will affect the solution. |
| NFR-6 | Scalability | Capacity of the application to handle growth, especially in handling more users. |