**Project Design Phase-II**

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

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| --- | --- |
| Date | 14 October 2022 |
| Team ID | PNT2022TMID36134 |
| Project Name | Project – smart waste management system for metropolitan cities |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User registration | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-4 | User Confirmation | Confirmation via Email  Confirmation via OTP |
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|  |  |  |

**Non-functional Requirements:**

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

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Feature set capabilities,security,generality |
| NFR-2 | **Security** | Human factors asesthetics,consistency,docentation |
| NFR-3 | **Reliability** | Frequency/serverty of failure,recoverability,predictability,accurency,MTBF |
| NFR-4 | **Performance** | Speed efficiency,resource usage,throughput,response time |
| NFR-5 | **Availability** | Self-descriptiveness,mobility,s/w system Independence |
| NFR-6 | **Scalability** | Structuredness,concisence,augmenttability |