**Project Design Phase-I**

**Proposed Solution**

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| Date | 22 September 2022 |
| Team ID | PNT2022TMID39384 |
| Project Name | **Smart Waste Management System For Metropolitan Cities** |
| Maximum Marks | 2 Marks |

**Proposed Solution:**

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | ➢ Develop an efficient system and an application that can monitor and alert user. |
| 2. | Idea / Solution description | 1. This product help the workers in monitoring the garbage. 2. In several areas the sensor will be integrated to sense the garbage. 3. If any area the garbage is detected the admins will be notified along with the location. |
| 3. | Novelty / Uniqueness | * Fastest alerts to the workers. * User friendly. |
| 4. | Social Impact / Customer Satisfaction | * Cost efficient. * East installation and provide efficient result. |
| 5. | Business Model (Revenue Model) | * The product is advertised all over the platforms. Since it is economical, even health society from pollution. |
| 6. | Scalability of the Solution | * Since the product is cost efficient, it can be placed in many places in the area. * Even when the garbage is more is more, the product sense the accurate values and alerts the workers effectively |