**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 07th October 2022 |
| Team ID | PNT2022TMID36134 |
| Project Name | Smart Waste Management System For Metropolitan Cities |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Design a smart waste collection system allows citizens to segregate the various types of solid waste they want to dispose and the municipal authorities to efficiently collected the same. |
|  | Idea / Solution description | Mostly the Garbage bins are Underutilized, if the waste is compressed regularly it would lead to significantly higher storage of waste in the same volume of Bin. |
|  | Novelty / Uniqueness | Cities across the globe are implementing smart management solutions to help save money and reduce their environmental impact. |
|  | Social Impact / Customer Satisfaction | Customer satisfaction plays an important role. Solid waste practices and management in reducing the waste in big cities. |
|  | Business Model (Revenue Model) | Waste management generates revenue through the provision of various waste management and disposal service and recycling solutions to residential, commercial, industrial and municipal clients. |
|  | Scalability of the Solution | U se a reusable bottle/ cup. Purchase wisely and recycle. Use reusable grocery bags. |