

Proposed Solution Template:

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"><li>✚ Rubbish and waste can cause air and water pollution.</li><li>✚ Rotting garbage is also known to produce harmful gases mix with the air and cause breathing problem in people.</li><li>✚ Due to improper waste disposal, we may face several problems like unpleasant odour and health problems.</li></ul>
2. 002	Idea / Solution description	<ul style="list-style-type: none"><li>✚ To solve this problem of waste management for disposal using a smart refuse bin built with technologies like Sensors, Arduino Yun.</li><li>✚ Garbage truck Weighing Mechanisms.</li><li>✚ AI Recycling Robots.</li></ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"><li>✚ Identify potential waste streams.</li><li>✚ Create a waste management-focused community outreach plane.</li></ul>
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>✚ Neighbourhood of landfills to communities, breeding of pests and loss in property values.</li><li>✚ The IOT solution uses the data and selects optimum routes for waste collection trucks.</li></ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"><li>✚ It generates revenue through the provision of various waste management and disposal services.</li><li>✚ Recycling solutions to residential,commercial,industrial,and municipal clients</li></ul>

6.	Scalability of the Solution	<ul style="list-style-type: none"><li>✚ Installing more bins fir collecting recyclables like paper, glass,plastice.</li><li>✚ Recycling not only save energy but also prevent the material from going to landfills &amp; Incineration and</li></ul>
		provides raw materials for new products.