**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 06 May 2023 |
| Team ID | NM2023TMID11995 |
| Project Name | Reducing the Environmental Footprint of Food: A Comprehensive Management system |

**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) | The web application that assists in reducing food waste and ensures the sustainable management of leftover food in a better and more efficient way is called the food waste app | |
|  | Idea / Solution description | Users will be able to register, login, see items, add items to cart, remove an item from the cart, and log out using this app. This software makes use of a real-time database and DB2 storage. | |
|  | Novelty / Uniqueness | Any user in need can browse through all the food images offered by other users and add them to their basket. | |
|  | Social Impact / Customer Satisfaction | Food waste is a typical occurrence in our society. Food waste management is important because it can help us achieve environmental and economic sustainability |
|  | Business Model (Revenue Model) | We noticed the potential for mobile technology to help with food waste management and developed an app that allows individuals and restaurants to donate and share their food and leftovers with those in need |
|  | Scalability of the Solution | There are two best solutions for reducing food waste that cause a negative impact on the economy as well as the environment. First one is delivering the edible food to the one in need. Second is managing the spoiled food according to their respective nature instead of blind landfill. |