Project Plan

*Course*

Software Design and Architecture

*Project*:

Food Donation Management System

*Members*:

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**Description**

The project Food Donation Management System emphasis on the saving of food in the form of donations and reduce the food waste. The project focuses on three types of the users which include Donor, Admin and NGOS. The Donor will be able to register with the system in order to publish the details of the donation. The NGOS will be required to register with the system to search for the required donation and receive it. The Admin of the system will determine the authentication of the donor and receiver according to the given registration details and control the management of the system.

**Project Core Features:**

The Project Core features are listed below:

**Donor of the System:**

1. Add food item description
2. Update food item description
3. View food item description
4. Delete food item description
5. View receipt
6. Add review to the receiver (NGO)
7. View ranking
8. View donation history
9. Add Profile
10. Update Profile
11. Submit order pickup confirmation of the receiver (NGO)
12. Submit registration details

**Receiver of the System:**

1. Search available donation
2. View the ranking of donor
3. Book the food
4. Add review to donor
5. View receipt
6. Add profile
7. Update profile
8. Submit order pickup confirmation of the donor
9. Submit registration details

**Admin of the System:**

1. Verify the details of donor
2. Verify the details of receiver (NGO)
3. Generate the receipt
4. Verify the receipts (for pickup)
5. Calculate per average
6. Update Accounts
7. Delete Accounts

**Project Cost Estimation:**

Developer Cost = Rs. 1000 per hour

Each day: 2 hours of working

Per day calculation: 1000\*2\*3 = Rs. 6000

**Gantt Chart :**