**Use Case Diagram**

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| --- | --- |
| **Symbol** | **Name** |
| 🛉 | Actor |
|  | Use Case |
| ⸏ | Connector |
| ⟶ | Generalization |
| ⇢ | Stereotype |

A diagram of a diagram

Description automatically generated

**High-Level Use Case**

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| **Use Case:** | Register Details |
| **Actors:** | Donor, Volunteer, NGO, Farmer |
| **Descriptions:** | All users can input their respective details into the system. Upon submission, the system automatically registers the provided information, ensuring seamless integration and efficient data management. |

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| **Use Case:** | Take Membership |
| **Actors:** | Volunteer, NGO |
| **Descriptions:** | A new volunteer provides the personal details, and his/her details are registered with the system. The NGO provide the membership then volunteers take the new membership. |

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| **Use Case:** | Privilege |
| **Actors:** | Volunteer |
| **Descriptions:** | After taking a new member, a new volunteer gets the privilege of the food donation system. |

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| **Use Case:** | Login |
| **Actors:** | Donor, Volunteer, NGO, Farmer |
| **Descriptions:** | After registering details in the system, all the users can provide valid details and log in to the system. Then successfully navigate to the dashboard. |

A new customer provides his/her membership details and login to the system. The login successful message is displayed.

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**Context Diagram**

A diagram of food donation system

Description automatically generated

**Data Flow Diagram (DFD)**

**Class Diagram**

**Activity Diagram**

**Entity Relationship Diagram (ERD)**

**System Architecture**

**Wireframe**