Group Project Basic Requirements:

Backend: A database that stores everything. Possible fields include:

- Name/Contact/Address
- Pin code – determines the area of collection
- Type of food (Cooked/Processed/Liquid)
- Quantity of food
- Date (possibly automated)
- Allergy Information/ Special Requirements
- Additional notes

Frontend:

- **User account:**
  - **New User:** Entry form – contains:
    - Name
    - Contact Details
    - Address and Pin code
    - Automated Records – date of joining etc.
    - Username and Password.
  - **Existing User:** Allowed functions:
    - Login
    - Update Personal Info
    - Donate food – Form
      - Type of food
      - Quantity of food
      - Area/Location (through pin code)
      - Date (automatic)
      - Photo item
      - ***Barcode Scanner ** (alternate to forms)***
    - View past record.
    - Searching and sorting options
    - Receive Notifications – when their item has been delivered.
    - Message between users
    - Receive food- form/search
    - Charity
    - Member Rating and Feedback
    - General Feedback for the website
    - Invite people

Additional applications may be needed: Maps, Bar Code Scanner.

References:

Foodsharing.de

Graze.com

Studentdesk.in

Advanced Additions:

- Points system, evolving avatars
- Block/Report features
- Message limit (eg. max 5 messages a day)
- Image carousel – recent items
- Search drop down and autofill