# Food Wastage reduction through donation

**Modules**

* Admin
  + Login
  + Manage volunteers
  + Manage hotels
  + Manage charity /needy
  + Manage free food refrigerators
  + View hotels/guest food availability
    - View nearby volunteers
  + View volunteers distributions
  + View charity homes/ needy food status
  + View feedback
* Volunteers
  + Register
  + Login
  + View food request from charity/needy
  + View food availability by hotels /guest
  + Check nearby refrigerators status
  + Pick food and distribute
* Hotels
  + Register
  + Login
  + Add excess food detail
  + Add food in refrigerators
    - Update refrigerators status
  + Handover food to volunteer (Set status)
  + Add feedback
* Charity homes/needy
  + Register
  + Login
  + Set status of food
  + Receive food from volunteer (set status)
  + Check nearby refrigerators status
  + Send feedback
* Guest
  + Add food availability
  + Handover food to volunteer
  + View nearby refrigerators
    - Put food in refrigerators

**Tables**

* login
  + login\_id
  + username
  + password
  + usertype
* volunteers
  + volunteer\_id
  + login\_id
  + first\_name
  + last\_name
  + gender
  + age
  + phone
  + email
* hotels
  + hotel\_id
  + login\_id
  + hotel\_name
  + latitude
  + longitude
  + phone
  + email
* charity
  + charity\_id
  + login\_id
  + charity\_name
  + latitude
  + longitude
  + phone
  + email
* refrigerators
  + ref\_id
  + latitude
  + longitude
  + food\_status
* food\_availability
  + availability\_id
  + provider\_id
  + provider\_type
  + latitude
  + longitude
  + date\_time
  + status
* food\_request
  + request\_id
  + charity\_id
  + date-time
  + quantity\_required
  + request\_status
* feedback
  + feedback\_id
  + sender\_id
  + sender\_type
  + feedback\_description
  + date
* food\_distribution
  + distribution\_id
  + volunteer\_id
  + pick\_up\_id
  + pick\_up\_type
  + pick\_up\_date\_time
  + charity\_id
  + distributed\_date\_time