***SOFTWARE REQUIREMENTS SPECIFICATION***

Project Title: Find your professors

Team members

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* NGO’S functions:

When a user raises a request of food donation, that request is sent to all the participating NGO’s so that any one can accept the request and contact the person to receive the food

The acceptance of request is first come first serve.

When an NGO accepts a user’s request of food donation, It shows a page stationg that the acceptance of donation was successful and also it displays the contact details of the user

Once a user’s request has been accepted by an NGO , it is disabled.

**2.3 Special usage considerations**

N/A

**3.0 Data Model and Description**

Information domain of the software is :

**3.1 Data Description**

For data storage Microsoft SQL is used

**3.1.1 Data objects**

Stored procedures and SQL tables are used for data objects.

**3.1.2 Relationships**

We use primary key, foreign key constraints to show that the database tables are linked to each other.

**3.1.3 Complete data model**

For the software an Entity relationship diagram is developed.

**3.1.4 Data dictionary**

Will be provided in next version.

**4.0 Functional Model and Description**

A description of each major software function and software interface is presented.

**4.1.** **Description of Major Functions**

In our project,each requirement is uniquely represented.

**4.1.1 Requirement 1**

* Firstly,users sign-up / login to the application using the credentials.
* Validations performed while sign up/login phase:
  + Username has a character length limit. User name should contain a maximum of 50 letters .Username field will only accept letters and not numbers ,special charecters.
  + E-mail address will be validated following rules.
  + Username should be unique and should not match with anyother.
  + Password cannot be less than 5 charecters and more than 12 charecters.
  + Username, e-mail,password fields are required to signup.
  + For login Username and password are required.
  + All the fields are mandatory..

**4.1.2 Requirement 2**

During login,

* Users can login using Login page:
* The details provided are validated by using the stored data from the database.
* Username and passwords are stored in the database for the users who already hold an account with the application.

While a new user signup, all the details provided by the user are stored in the data base using admin details.