

PURBANCHAL UNIVERSITY



DEPARTMENT OF COMPUTER ENGINEERING
KHWOPA ENGINEERING COLLEGE
LIBALI-2, BHAKTAPUR

A PROJECT REPORT
ON
FOOD FOR NEEDY

A Report submitted for the partial fulfillment of requirements for the degree of Bachelor of Engineering in Computer Engineering (Fifth Semester)

SUBMITTED BY

Niru Kumari Mishra (740325)
Rabin Phaiju (740329)
Rodip Duwal (740334)
Roshan Dumar (740335)

UNDER THE GUIDANCE OF

Er. Reena Manandhar

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DEPARTMENT OF COMPUTER ENGINEERING
KHWOPA ENGINEERING COLLEGE
LIBALI-2, BHAKTAPUR

CERTIFICATE

This is to certify that the project entitled "FOOD FOR NEEDY" submitted by Ms. Niru Kumari Mishra, Mr. Rabin Phaiju, Mr. Rodip Duwal & Mr. Roshan Dumaru in a partial fulfillment of the requirements for the award of the Degree of Bachelor of Engineering in Computer Engineering of Purbanchal University, is a bonafide work to the best of our knowledge and may be placed before the examination Board for their consideration.

Panel of Examiners:

Name

Signature

Date

External Examiner

Er.

Project Supervisor

Er.

Head of Department

Er.

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Project Team Members:

Niru Kumari Mishra (740325)

Rabin Phaiju (740329)

Rodip Duwal (740334)

Roshan Dumar (740335)

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List of Abbreviation

| | | |
|---|-------|--|
| 1 | etc. | Etcetera |
| 2 | JS | JavaScript |
| 3 | MYSQL | Structured Query Language |
| 4 | PHP | PHP: Hypertext Preprocessor |
| 5 | Sass | Short for syntactically awesome style sheets |
| 5 | SVG | Scalable Vector Graphics |

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CHAPTER 1

INTRODUCTION

1.1 Background:

Food for Needy is web-based online platform that provide detail information related to food to its users. Indirectly, this project is created to manage wastage of food. Generally, there exist no such dedicated platform for food donation which provide a posting as well as communication facilities to its user.

Generally, most organization rely on their existing contact for communication and which are done formally using letters or Gmail which is quite unnecessary sometime. Donating and receiving food are limited to their limited area. Local group or individual were hardly involved in such activities. So, they all were limited to their own small area.

So in overall, this platform is a medium through which organization or a individual person, local group can relay the information related to food to another organization which in turns helps to reduce wastage of food, encourage local groups and individuals and enhance their area of contact.

1.2 Statement of problem:

In general, there exist no such dedicated platform where food donating organization or individual person can relay their information. But they have to rely on their existing contact, so they were not aware of other than their existing one. But comparing some to relate-able project, we faced many problems regarding, how the interface is going to be and what feature are we capable of adding into it.

1.3 Objectives:

The main objective of this project is to provide a dedicated platform where organization or individual person can communicate and relay information related to food to another organization which in-turns helps to reduce the wastage of food and encourage local effort too.

1.4 Application:

This platform can be used by anyone I.e. from one individual person to an organization. As they can use this platform to relay their information about food and other details and also which will aware other needy organization about those individuals or organization. This project can also be used not just relaying information about food but it also provides a platform to communicate with other organization. Hence, providing a chatting system which is mail based.

1.5 Scope:

The scope of our project “Food for Needy” is to provide an online platform for any one that may be any organization or individual person I.e. from local level to higher where they can relay information related to food by posting on site or through the short mailing platform which is available within this site. Hence encouraging local effort too.

CHAPTER 2

LITERATURE REVIEW

Actually, there are no such similar projects. So, for our project base we have taken reference from some relate able project and sites via internet. As this project is for relaying information and providing communication platform for its users.

Mailing project such Atmail, Zentyal, scandalo etc has provided a base for this project but these project does not contain a platform to post information and those projects was similar to Gmail. Hence, considering objective of this project, it lacks a posting platform and a quick mail sending platform.[1]

For Posting information, we had a glimpse to a quite popular site called hamrobazzar which is a marketing and management site. and which is quite similar to ebay. This site has provided us another base to work on.[2]

Hence, these site such as Atmail, Zentyal, scandalo and hamrobazzar has been a base of this project and combining some features of both we able to achieve our main objective and that is to provide a platform where organization or individual person can communicate and relay information related to food

CHAPTER 3

METHODOLOGY

3.1 Background:

Regarding to development of this project various resources were collected via different site such as for the front end and back end design we have taken a glimpse from a site called Dribbble which provides just front end and back end images. For the features required by our project such as communication platform, scheduling system and displaying food info we looked deeply through some relate able site such as G-mail, Food for Life, Food Tank etc. For SVG design we have looked through unDraw.co, Animation on Scroll etc. For the map that we included in our project we used a git-library provided by GH Rahul via internet.

3.2 Generic Model

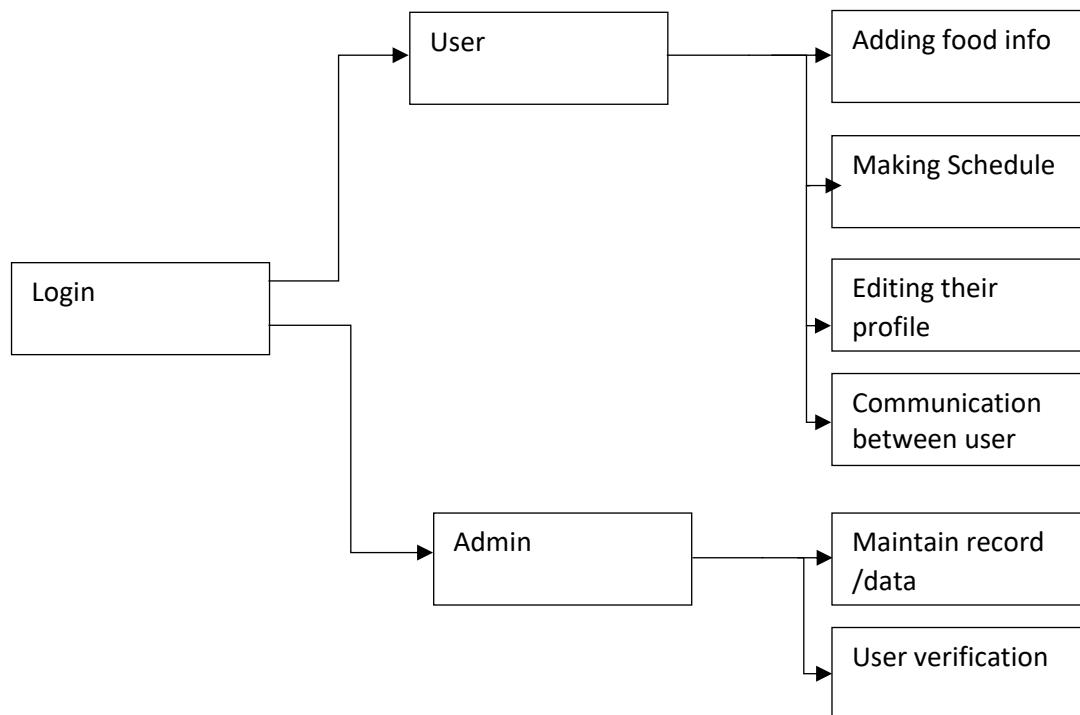


fig.3.1 Generic Model of “Food for Needy”

3.3 ER Model

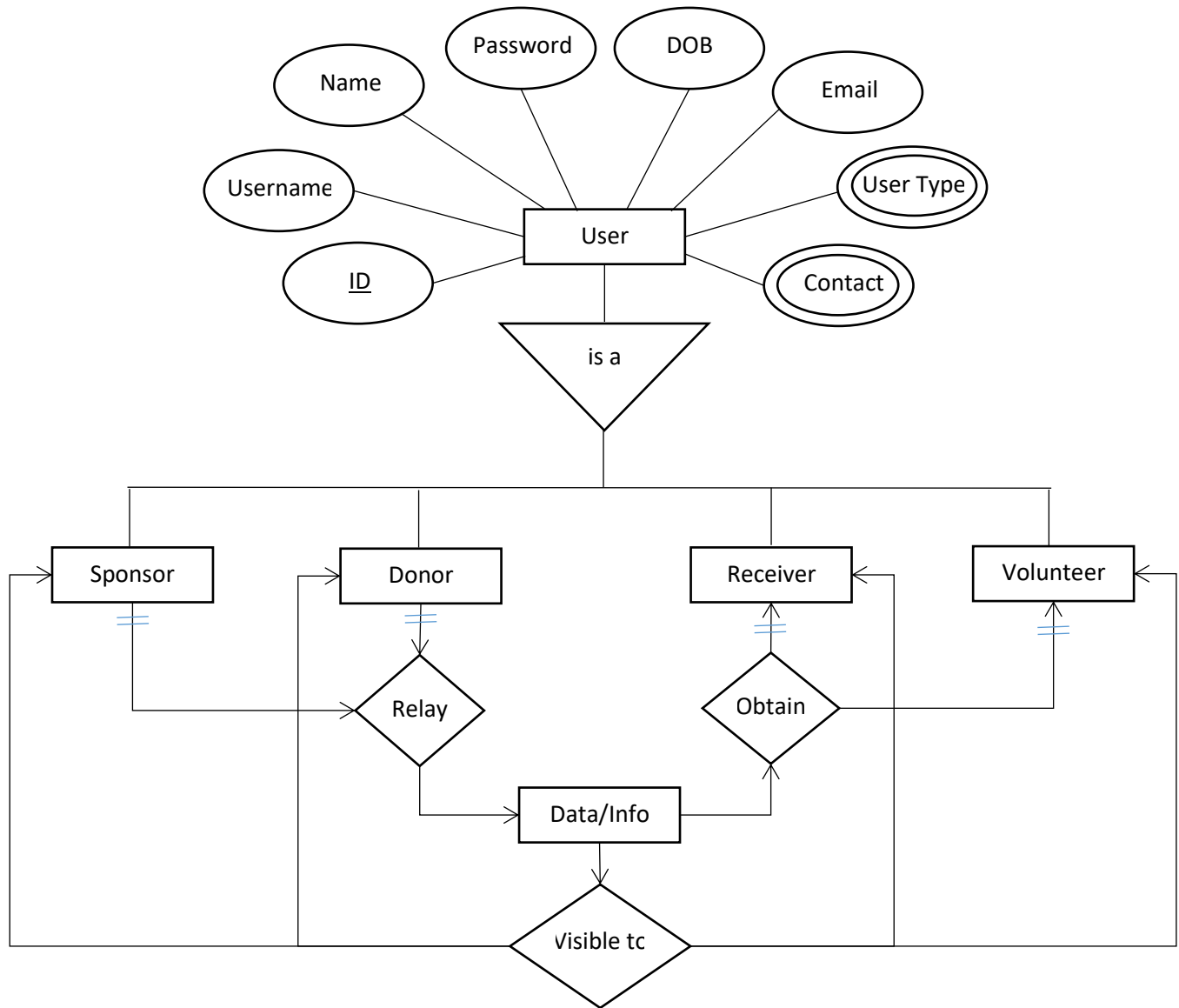


fig.3.2 ER Model of "Food for Needy"

4.2 Tools and Platform

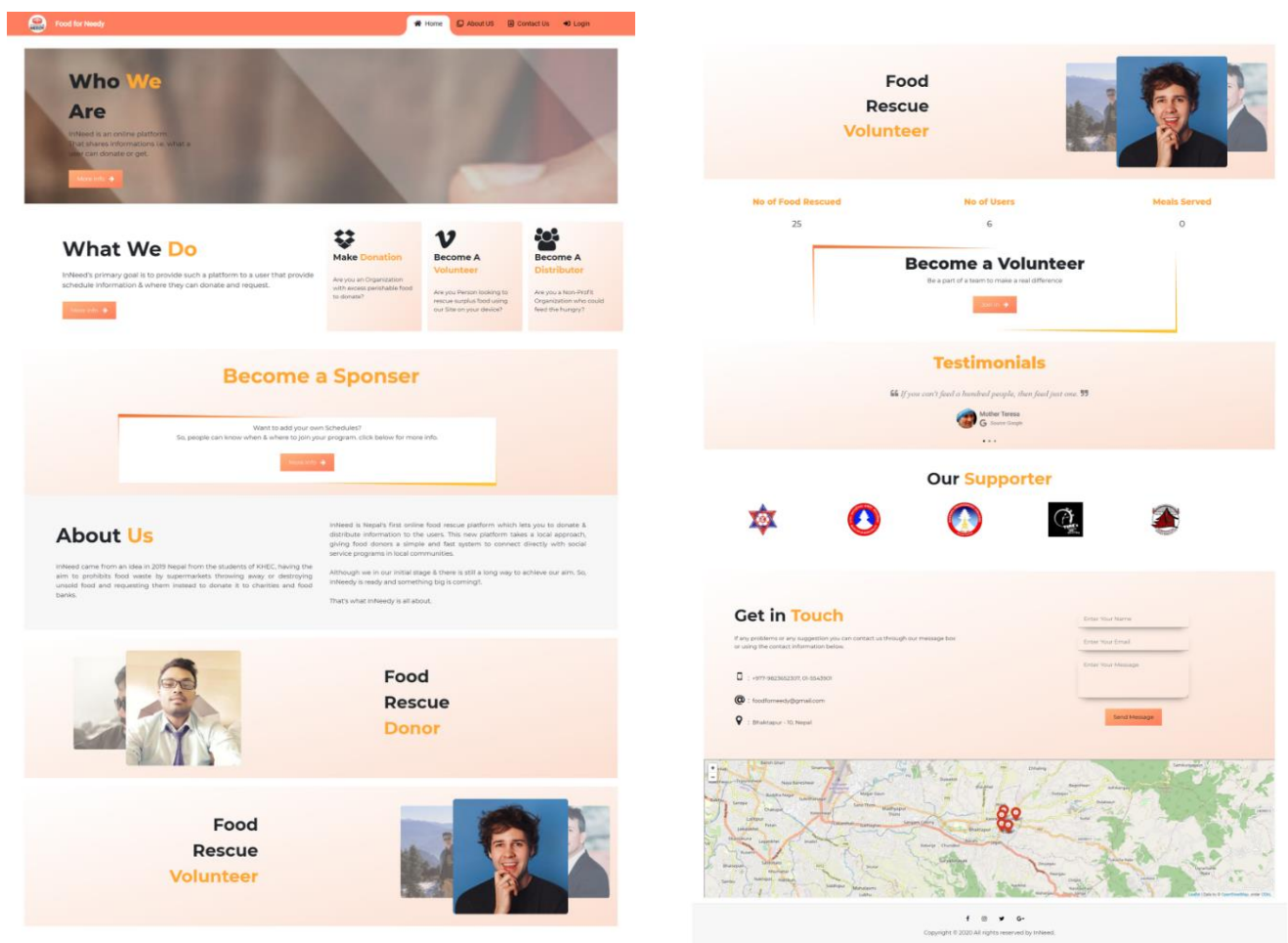
As this project is web-based, so for the development of this project we have used different tools such as HTML, PHP, MYSQL, JS, CSS, Sass, Xampp and Bootstrap. And for the development of this project we have used different platform such as VS code & computer browser (Chrome, Brave).

CHAPTER 4

RESULT

The Result of this project is as expected that is to achieve its objectives which is to provide a platform where organization or individual person can relay information related to food to another organization which in-turns helps to reduce the wastage of food and encourage local or individual effort. So, the obtain details of this platform can be discussed as follows:

Front-End:



Back-End:

















Admin:

The screenshot shows the Admin Dashboard with a sidebar menu on the left containing: Dashboard, Food, User, Content, Message, Schedule, and Admin. The main content area has a top navigation bar with 'User', 'Food', and 'Schedule' tabs. Below this, there are five summary cards: Total User (7), Donor (0), Receiver (0), Sponsor (0), and Volunteer (3). Below these are five icons representing Food, User, Content, Message, and Schedule. The 'RECENT FOOD ADDED' section includes a search bar and a table with the following data:

| S.N | Name | Location | Type | Quantity | Exp. Date | Description |
|-----|-------------|-----------|-------------|----------|---------------------|---------------------|
| 1 | oil | Bhaktapur | Dairy Foods | 40 | 2020-03-08 18:15:00 | this is eadable oil |
| 2 | milk powder | Bhaktapur | Dairy Foods | 30 | 2020-03-09 18:15:00 | this is milk powder |

This is a dashboard of admin page which display the overall data in a summary. Such as showing number of user, messages, number of sponsor, volunteer etc.

The screenshot shows the Admin Dashboard with a sidebar menu on the left containing: Dashboard, Food, User, Content, Message, Schedule, and Admin. The main content area has a top navigation bar with 'Add' and 'Recent Food' tabs. Below this, there are five summary cards: Total User (7), Donor (0), Receiver (0), Sponsor (0), and Volunteer (3). Below these are five icons representing Food, User, Content, Message, and Schedule. The 'RECENT FOOD' section includes a search bar and a table with the following data:

| S.N | Name | By | Location | Type | Quantity | Exp. Date | Description | Action |
|-----|-------------|-------|-----------|-----------------------|----------|---------------------|---------------------|---|
| 1 | oil | rabin | Bhaktapur | Dairy Foods | 40 | 2020-03-08 18:15:00 | this is eadable oil |   |
| 2 | milk powder | rabin | Bhaktapur | Dairy Foods | 30 | 2020-03-09 18:15:00 | this is milk powder |   |
| 3 | nuts | rabin | Bhaktapur | Grains,Beans and Nuts | 50 | 2020-03-07 18:15:00 | this is nuts |   |
| 4 | wheat | rabin | Bhaktapur | Grains,Beans and Nuts | 60 | 2020-03-16 18:15:00 | this is wheat |   |
| 5 | honey | rabin | Bhaktapur | Dairy Foods | 30 | 2020-03-03 18:15:00 | this is honey |   |
| 6 | biscuit | rabin | Bhaktapur | Dairy Foods | 80 | 2020-03-09 18:15:00 | marie biscuit |   |
| 7 | noodle | rabin | Bhaktapur | Grains,Beans and Nuts | 90 | 2020-03-16 18:15:00 | WAI WAI noodle |   |
| 8 | pickle | rabin | Bhaktapur | Vegetable | 35 | 2020-03-17 18:15:00 | this is pickle |   |

This page display details of food is provided by donor. Here one can perform auto search in their desire order like in alphabetical or in numeric.

NEED

</

This page displays the detail information of all the user and admin can verify and update the user info.

Dashboard

Food

User

Content

Message

Schedule

Admin

Search now

Superadmin

Add

RECENT CONTENT

Search

Show

10

entries

| S.N | Title | Description | Created At | Status | Action |
|-----|--------------|---|---------------------|--------|--------|
| 1 | brief | InNeed is an online platform. That shares informat... | 2020-05-17 16:33:48 | 1 | |
| 2 | story | InNeed's primary goal is to provide such a platform to a user that provide schedule inform... | 2020-05-17 16:44:28 | 1 | |
| 3 | hideWhoware | In sort, The things we do is to share information to end-user/people about the informati... | 2020-05-17 16:46:05 | 1 | |
| 4 | disc | <ul style="list-style-type: none">That the donor/provider have donated.That the... | 2020-05-17 16:47:04 | 1 | |
| 5 | hideWhoware1 | And through this website we provide a chance to become volunteer who are willing to put t... | 2020-05-17 16:48:03 | 1 | |
| 6 | donation | Are you an Organization with excess perishable food to don... | 2020-05-17 16:48:59 | 1 | |
| 7 | volunteer | Are you Person looking to rescue surplus food using our SI... | 2020-05-17 16:49:33 | 1 | |
| 8 | distributor | Are you a Non-Profit Organization who could feed the hungry? | 2020-05-17 16:50:12 | 1 | |
| | | Want to add your own Schedule? | | | |

Here, this page displays all information that is displayed in front end page. And admin can edit, delete, update the front-end content without hard coding.

Superadmin

- Dashboard
- Food
- User
- Content
- Message**
- Schedule
- Admin

RECENT FOOD

Show
10

Search

| S.N | Name | Email | Message | Date |
|-----|---------|-----------------|--------------|---------------------|
| 1 | sdf | sd@sdf.com | sdf | 2020-05-17 00:00:00 |
| 2 | sdf | sd@sdf.com | sdf | 2020-05-17 00:00:00 |
| 3 | rabin | rabin@gmail.com | kehe xnea | 2020-05-17 00:00:00 |
| 4 | dfghjkl | dfgh@dfgh.com | sdfghjkl | 2020-06-17 11:32:29 |
| 5 | arun | dijfk@rklfg.com | kdfjkdjfkldf | 2020-11-06 15:51:59 |

Showing 1 to 5 of 5 entries

Previous 1 Next

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This page provides the message or suggestion provider by the user to admin.

Superadmin

- Dashboard
- Food
- User
- Content
- Message
- Schedule
- Admin**

Add

ADMINS

Show
10

Search

| S.N | Reg.Id | username | Name | Picture | Type | Email | Phone | Address | Gender | Action |
|-----|--------|------------|--------------|---------|-------|-------------------------|------------|---------|--------|--------|
| 1 | 0 | Superadmin | Admin | | admin | admin@foodforneedy.com | 1 | system | 1 | |
| 2 | 1 | system | system | | admin | foodforneedy@gmail.com | 1 | system | 3 | |
| 3 | 2 | rabin | Rabin Phaiju | | admin | rabinphaiju15@gmail.com | 9808215115 | bkt | 1 | |
| 4 | 11 | sabin | sabina | | Staff | sabin@gmail.com | 34343434 | nepal | 0 | |

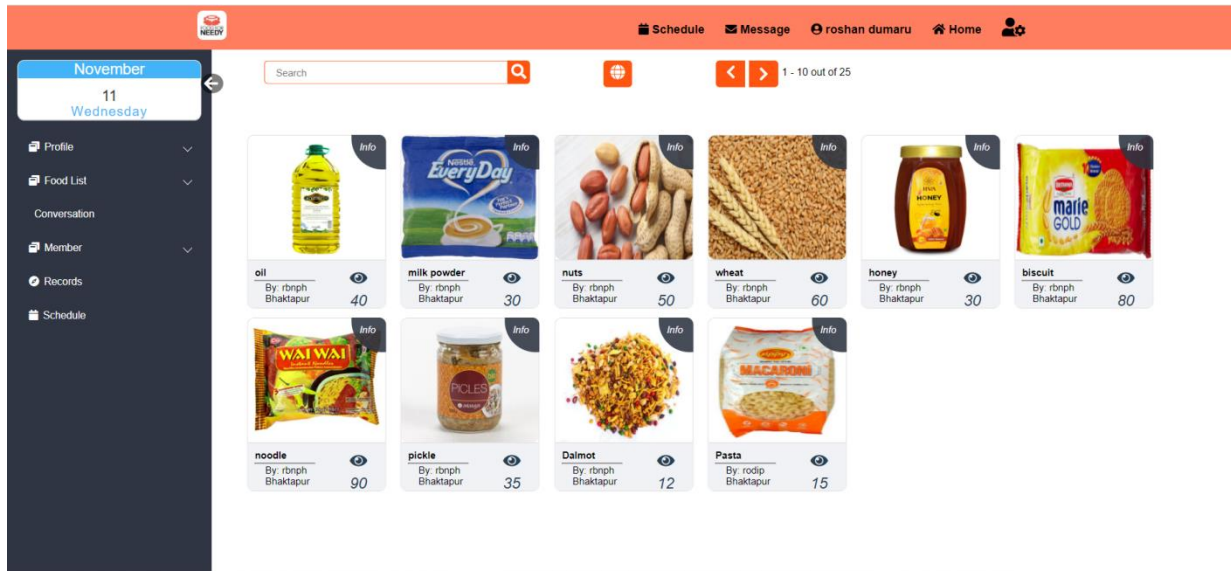
Showing 1 to 4 of 4 entries

Previous 1 Next

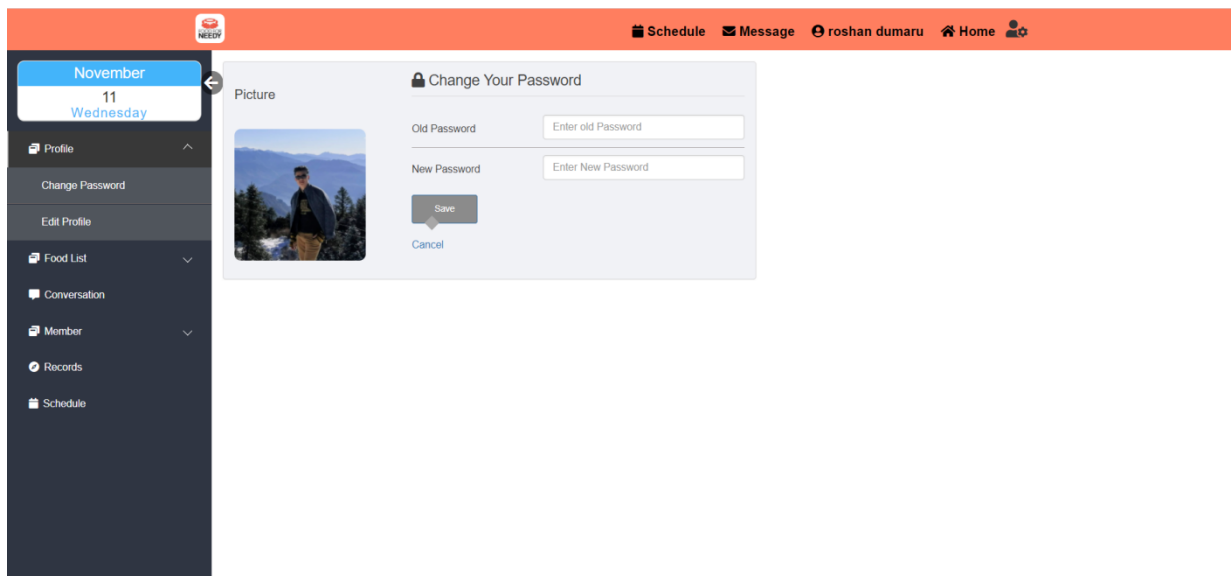
Copyright © 2020 Food For Needy. All rights reserved.

This page displays all the information of other admin except the password and other private details. Here a super admin can delete, update or edit the information of another admin.

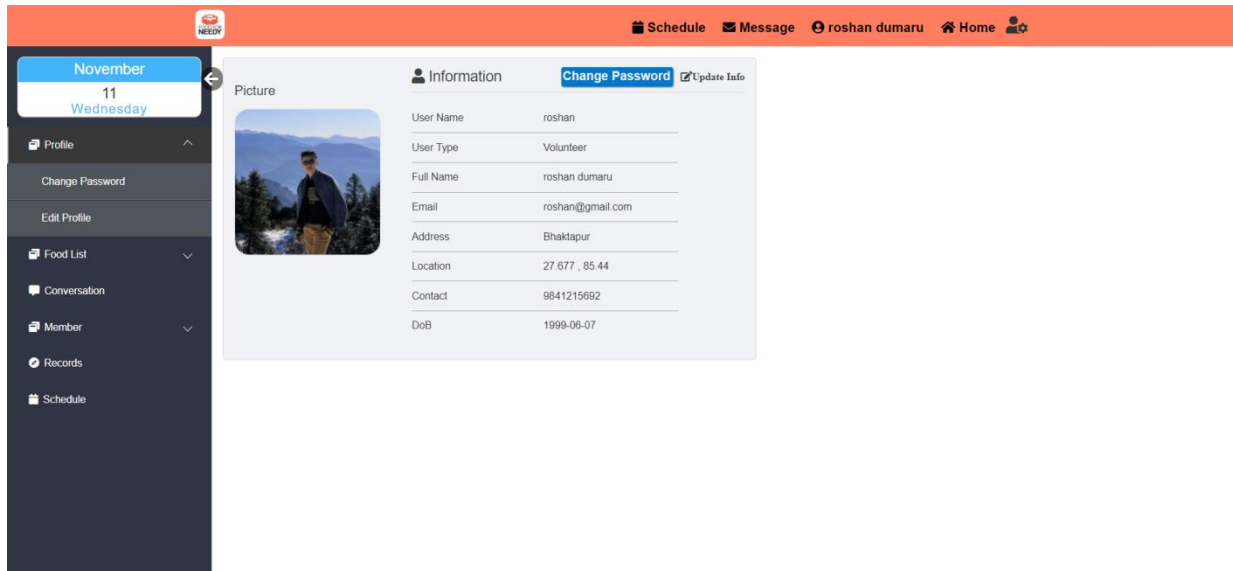
User:



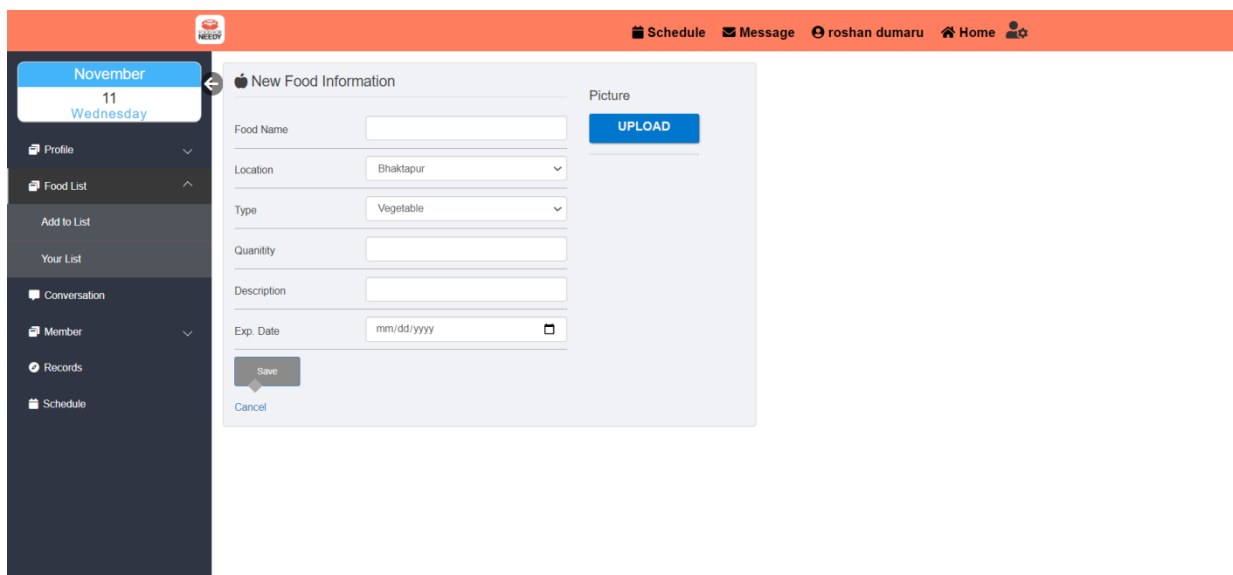
This is a dashboard for those users whose account exist in this platform. Here this page displays all the information about food that has been posted.



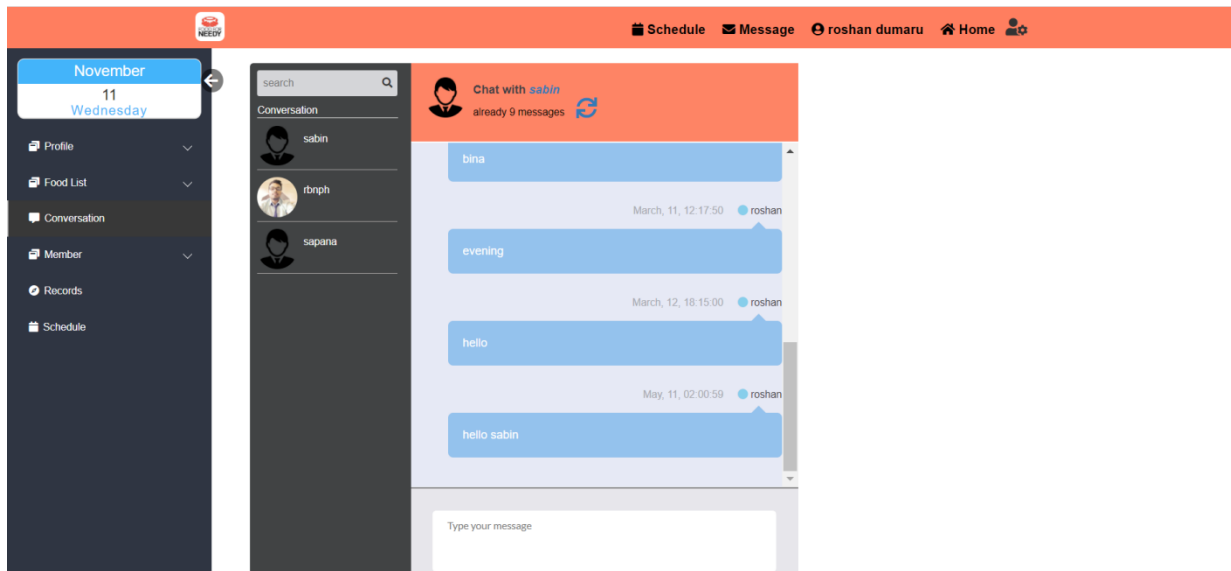
This page exist separately as most of user finds changing password to hard. Hence, this page allows user to change their password easily in case if they want to change their password.



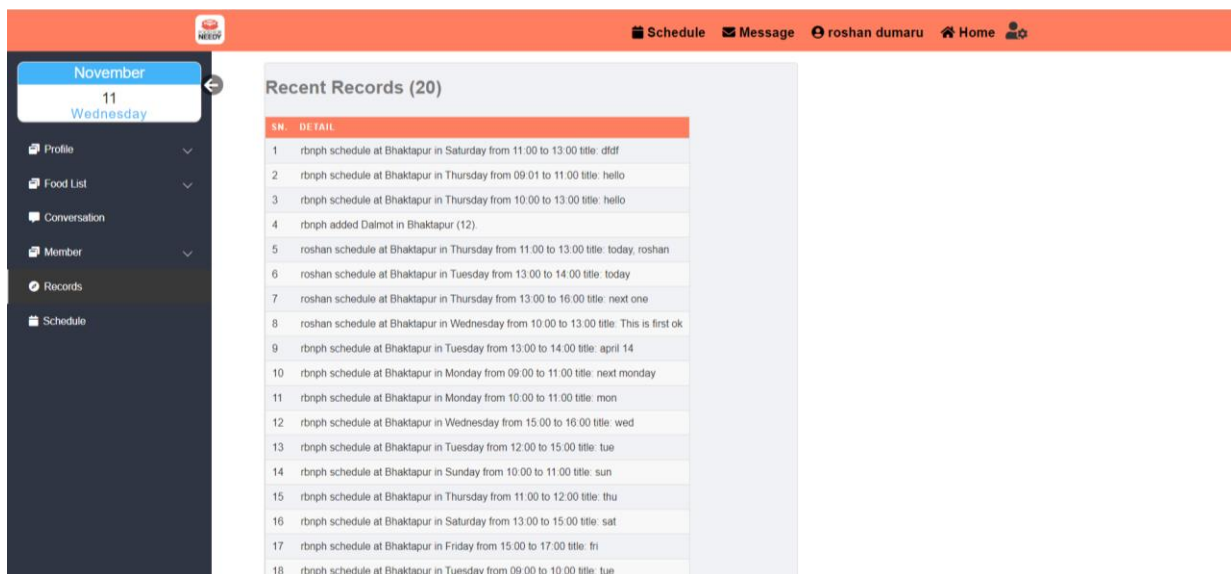
This page displays the detail information of his or her account and allows to edit or update their information.



This page allows user to post or relay their information about food through this platform. So that other user can see them in their dashboard.



This is a communication platform. This communication platform allows user to communicate with each other in a mail based system. This platform exists as to eliminate excessive typing and for fast communication.



This page display recent 20 information posted by the users with details like their location, username, date and time etc.

CHAPTER 5

CONCLUSION AND RECOMMENDATION

5.1 Conclusion

In completion of this project we got more familiar with the different programming language, scripting language and style sheet such as HTML, CSS, Sass, JS etc. As a whole, this project has been a good learning experience for us. We have gained knowledge about the various aspects of web designing and development. At the same time, we have developed a deep understanding about the data handling in databases.

In overall, we still want to emphasize that the program is not complete by itself. There are still lots of room for improvement. Pop up message could have made site more attractive and interactive. Short videos of gif could have made more attractive.

5.2 Future Enhancement

This project can be very handy to many food donating organization and individuals as it provides a platform to communicate and to relay information. But for such handy project, it still some further enhancement such as:

1. Enhancing chatting system (making chat-based system rather than mail-based system)
2. Inserting Geo-location system
3. Adding more features like message pop up
4. Creating own API

REFERENCES

- [1] “Atmail, Zentyal, scandalo”, <http://freshmeat.sourceforge.net/tags/mail-server> [2014-06-1
- [2] <https://hamrobazaar.com/>