

# User Interface Design Document

## Client

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# 1.Introduction

## 1.1 Purpose of This Document

The purpose of this document is to show the user how to navigate and interact with the FeedMe website. Images will show how FeedMe is interconnected and will display the different kinds of pages within the website, highlighting important features to familiarize users with all that FeedMe has to offer.

## 1.2 References

## 2. User Interface Standards

This section contains an overview of the designs standards used in the FeedMe website. There are a few key pages on the FeedMe website. They include: Home, Register, Login, User Profile, Restaurant Profile. Every page will have a navigation bar(See Figure 2.1) at the top with the FeedMe logo on the left side and a search bar on the right. The search bar will allow to user to enter in a query of their choosing.



Figure 2.1: Navigation Bar

The Home screen will have multiple thumbnails of each Top Rated restaurant in the area with common tags that relate to the restaurant. Each thumbnail will also have the number of total reviews for the restaurant. There is a “Login” and “Register” button at the top of the webpage that when clicked will navigate to the Login and Register web pages.(Figure 2.2).

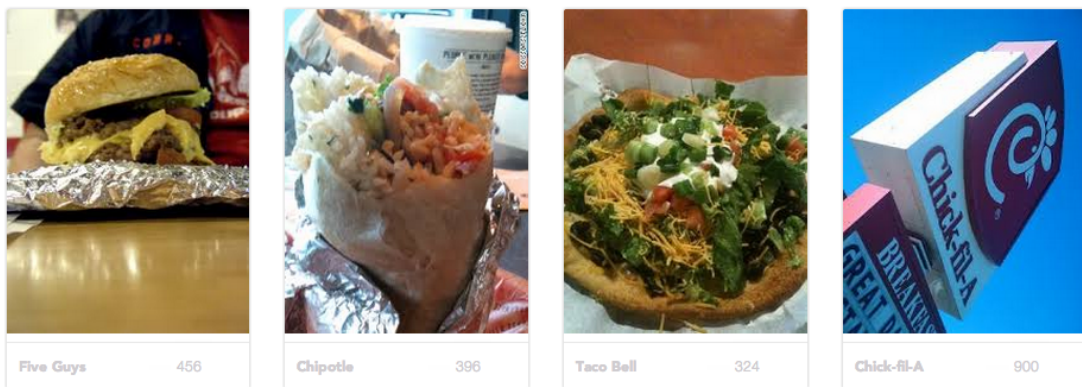


Figure 2.2: Home Page Thumbnails

The Login page contains two buttons user can choose from as well as some text boxes. One button will allow the user to login into the site from Facebook. The other will log-in the user into the website, after the correct account credentials are added in the Username and Password fields. There are also some hyperlinks that link to the Register page and Forgot Password page.

### LOGIN TO FEEDME

FACEBOOK LOGIN

or

Username

Password

LOG IN!

[Not a member? Join us!](#)

[Forgotten your password?](#)

**Figure 2.3: Login Page**

The Register page contains text boxes, drop down boxes, and some buttons. Here the user will enter their required information (Email, Username, Password, First/Last name, Gender, and Years at UMBC) and hit the “Register By Email” button. They also have a choice of logging in from Facebook. If any invalid data is entered in the fields, the user will be alerted and must put in their credentials again.

**JOIN FEEDME**

Discover what eating around UMBC is like.

**FACEBOOK LOGIN**

or

Email

Username

First name

Lastname

Password

Confirm Password

Gender

Select your gender

When did you first arrive at UMBC?

Select a year

☐ Send me occasional emails with great food tips

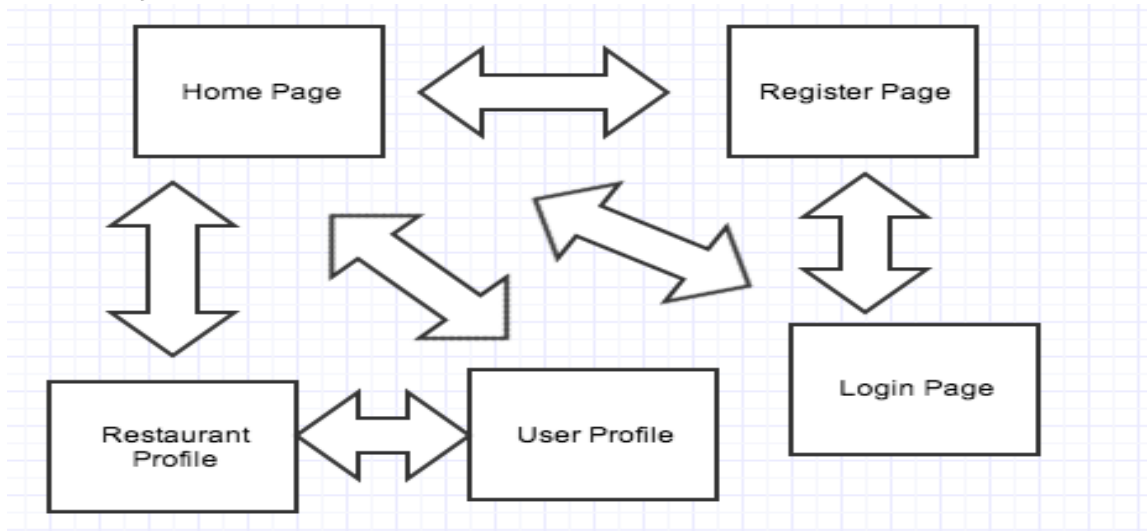
**REGISTER BY EMAIL**

Already a member?  
[Login](#)

**Figure 2.4: Register Page (Shrunk down to save space)**

### 3.1 FeedMe Navigation Diagram

The following navigation diagram or sitemap explains possible user flow throughout the current system.



### 3.2 FeedMe Walkthrough

### 3.2.1 Login

From the Home page, you can click the “Login” button from the navigation bar to take you to this Login page. On this page you are able to: Search the website(Spiral 3), go back to the Home page, login through a Facebook account, go to the Register page and put in account information to get to your personalized Home page. Enter your login information and click the “Login” button.

The screenshot shows the FEEDME login page. At the top is a dark blue navigation bar with the FEEDME logo and links for Home, About, FeedMe Quick, Register, and Login. The main heading is 'LOGIN TO FEEDME'. Below it is a 'FACEBOOK LOGIN' button. Underneath is a horizontal line with 'or' in the center. Below that are input fields for 'Username' and 'Password', each with a small eye icon for toggling visibility. At the bottom of the form is a purple 'LOGIN!' button. Below the button are links for 'Not a member? Join us!' and 'Forgotten your password?'. Red speech bubble annotations highlight several features: 'Back to homepage' points to the FEEDME logo; 'Checks entered data with the database to see if the credentials are valid' points to the login form area; 'Login with Facebook' points to the Facebook LOGIN button; 'Enter Login information(Use rname and Password)' points to the Username and Password input fields; and 'Send to register or Forgot password page' points to the bottom links.

FEEDME Home About FeedMe Quick Register Login

Back to homepage

LOGIN TO FEEDME

FACEBOOK LOGIN

or

Username

Password

LOGIN!

Not a member? Join us!  
Forgotten your password?

Login with Facebook

Enter Login information(Use rname and Password)

Send to register or  
Forgot password page

### 3.2.2 Register

From the Home page, you can click the “Register” button from the navigation bar to take you to this Register page. On this page you are able to: Search the website (Spiral 3), go back to the Home page, login through a Facebook account, go to the Login page and put in account information to get to your personalized Home page. Enter in the required information and click the “Register By Email” button to finish registration.

The screenshot shows the FEEDME registration page. At the top is a dark blue navigation bar with the FEEDME logo and links for Home, About, FeedMe Quick, Register, and Login. The main content area has a dark blue header with 'FACEBOOK LOGIN' and a light blue header with 'REGISTER BY EMAIL'. The registration form includes fields for Email, Username, First name, Lastname, Password, Confirm Password, Gender (a dropdown menu), and When did you first arrive at UMBC? (a year selector). There is also a checkbox for 'Send me occasional emails with great food tips'. A 'Back to Login' link is at the bottom. Red callout boxes provide additional context: 'Back to Home Page' points to the Home link; 'Login with Facebook' points to the Facebook login button; 'Enter required information in text boxes and drop down menus' points to the registration form fields; 'Register. Sends data to database' points to the Register By Email button; and 'Back to Login' points to the Back to Login link.

**FEEDME** Home About FeedMe Quick Register Login

**FACEBOOK LOGIN**

or

Email

Username

First name

Lastname

Password

Confirm Password

Gender

When did you first arrive at UMBC?

☐ Send me occasional emails with great food tips

**REGISTER BY EMAIL**

Already a member? [Login](#)

**Back to Login**

### 3.2.3 Restaurant View

Each review has a restaurant page associated with it. For now (Spiral 2), the restaurant page can be seen at “Binarymaze.com/public/restaurant.php”. Each restaurant page will have a banner at the top, and a section with their Basic Information, Tags, and Rating (See Figure 3.2.3 and Figure 3.2.3A). There is also a button to submit a new food review. When the button is pressed, a modal is displayed and prompts the user for the information needed for a food review (See Figure 3.2.3C) Below the information section, all of the most recent reviews for that restaurant are displayed (See Figure 3.2.3B).

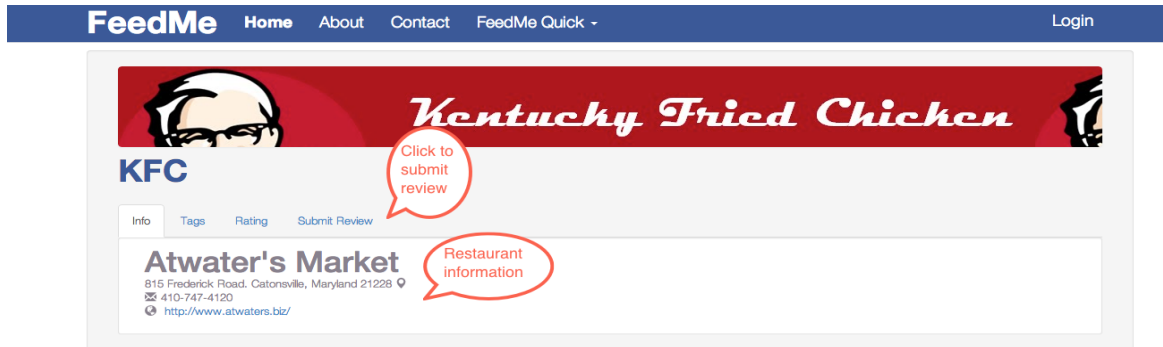


Figure 3.2.3: Main Restaurant View

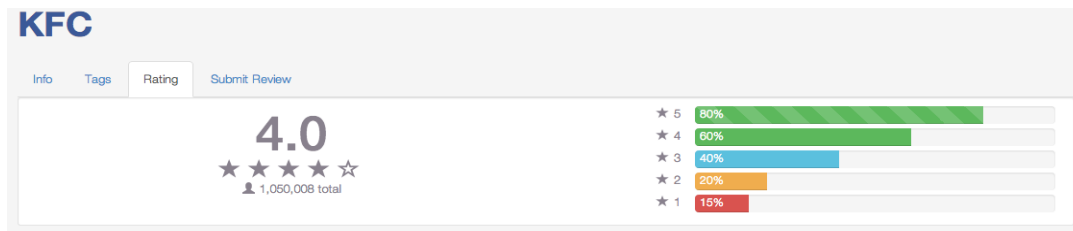


Figure 3.2.3a: Restaurant Ratings Tabs

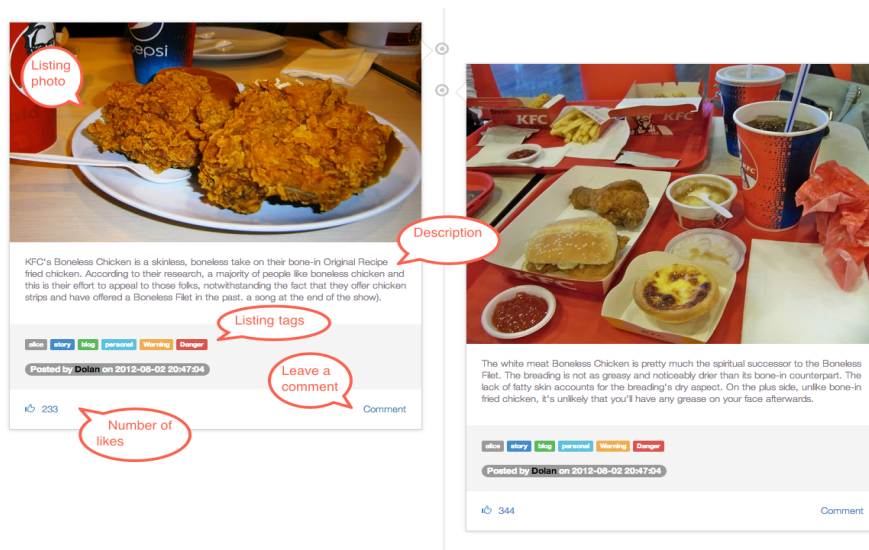


Figure 3.2.3B: Recent restaurant reviews. Contains: Photo, Review, Tags, Timestamp, and Comment section



me About Contact FeedMe Quick ▾

Leave a food review

### Ate a new dish? Tell us about it

Food Items:

Enter the food items

Enter food item

Image Link:

Choose File 2001(1).png

When an image is selected, it is instantly uploaded to imgur and the URL is sent back to be stored in the database

http://imgur.com/JNPLfkc

Write your item review here...(500 word Limit)

Write description of item

Enter tags here, separated by a space:

Enter tags associated with the food item

SUBMIT

Send food review to database

CLOSE SAVE CHANGES

Figure 3.2.3C: Submitting a new restaurant review. The user is asked to enter in the: Food item, Image Link, Item Description, and Tags associated with the food item.

### 3.2.4 User Profile Page

After a user has registered and logged in, their Username will be displayed on the top of the navigation bar. If clicked, the user will be directed to their own Profile page. Each profile page will contains: The user's Username, Gender, Year Arrived, Biography, Favorite Tags, as well as recent food posts (See figure 3.2.4A). The user also has an option to edit their profile. Currently, the edit profile button will grab the Biography text and prompt the user to change it (See figure 3.2.4B).

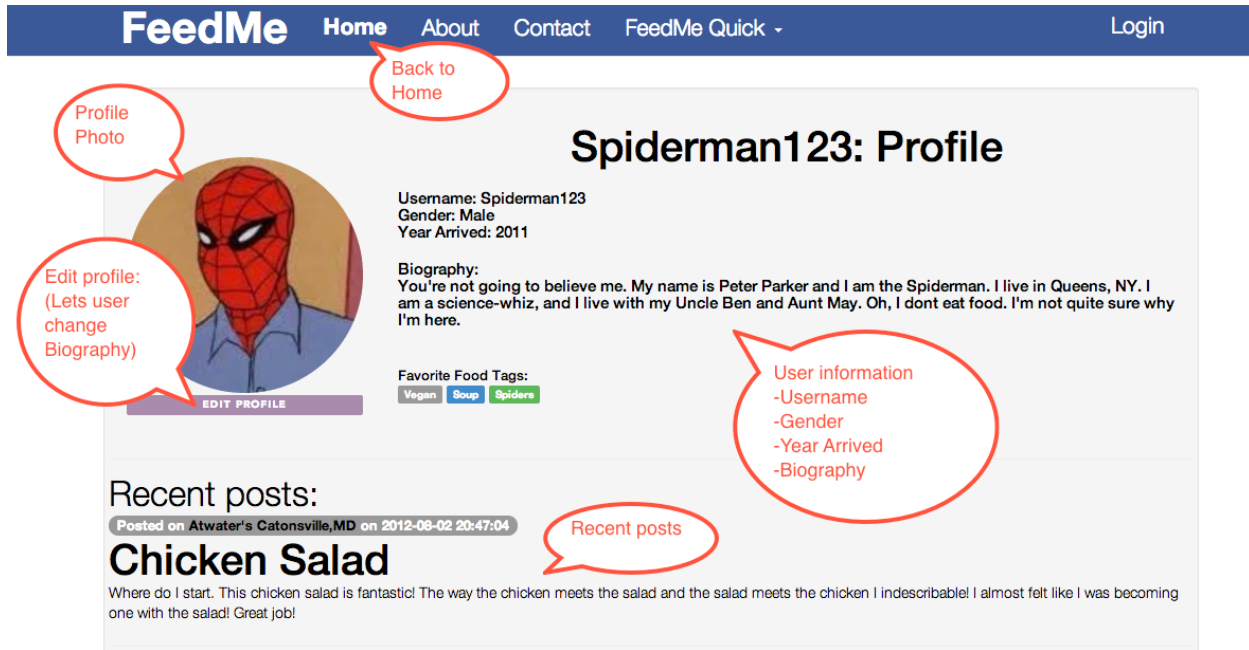


Figure 3.2.4A: User Profile page

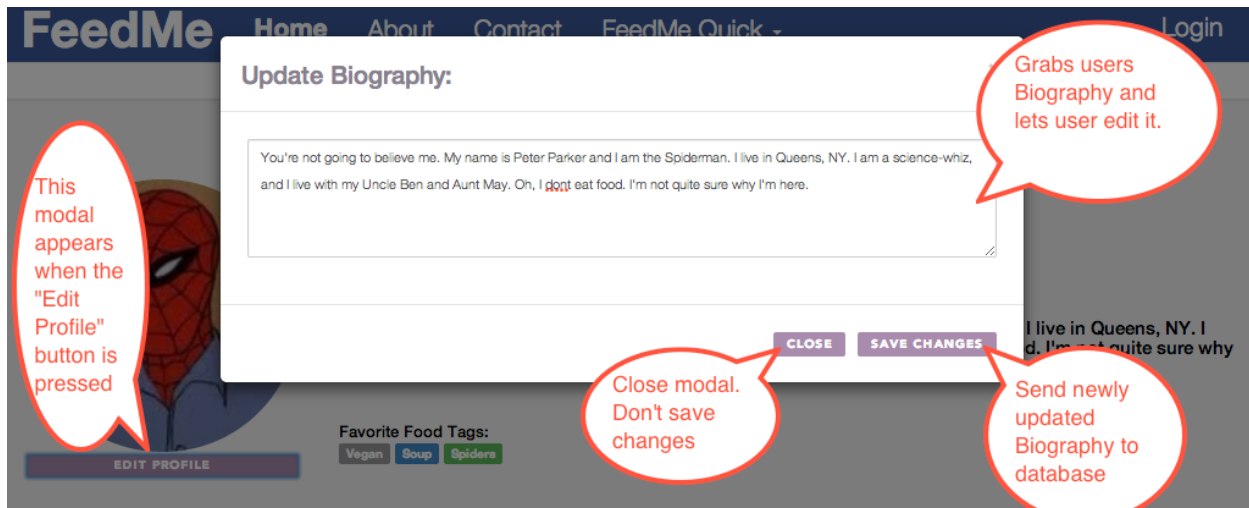


Figure 3.2.4B: Edit Profile pop-up to allow user to change Biography.

## 4. Data Validation

There are multiple data entry points on the FeedMe website. They currently include: Entering registration data, login credentials, and review submissions. Please refer to the table below for further information regarding allowable inputs, their limits, and allowable formats.

### 4.1 Data Validation Table

| Limits   | Data Types | Entry Location                          |
|--|------------|---|
| No special characters in first name and last name                      | String     | Register                                |
| Are unique, if a duplicate is found, the username or email is rejected | String     | Username (Register)<br>Email (Register) |
| Must end with @umbc.edu to verify user is a student                    | String     | Email (Register)                        |
| Must be entered twice, for confirmation, or password is rejected       | String     | Password (Register)                     |
| Must match with a Username in database                                 | String     | Username (Login)                        |
| Must match with the Password assigned to the entered Username          | String     | Password (Login)                        |
| Less than 3000 characters long.  | String     | Description (Restaurant View)           |
| Less than 3000 characters long   | String     | Biography(User Profile)                 |

## 5. Appendix A - Agreement Between Customer and Contractor

By the end of Spiral 1, The customer requested that we have the login and register process/web pages working as well as a basic Home page view. See System Requirements Specification for more information. Additional features will be provided in further development spirals.

When and if future changes to this document occur a drafted new document will be created. Both a hard and electronic copy of both versions will be presented to the client for review. Upon approval, the draft will be finalized and signed off by both parties.

Client

Name \_\_\_\_\_ Date

\_\_\_\_\_ Print

Name \_\_\_\_\_ Date

\_\_\_\_\_ Signature

## 6. Appendix B - Team Review Sign-off

All team members have reviewed this document and agree on both the content and the format. Any disagreements or concerns are addressed in team comments below.

### Team

| Name:               | Date:      | Signature (Print name) |
|---------------------|------------|------------------------|
| Giancarlo Mogliazzi | 04/13/2014 | Giancarlo Mogliazzi    |
| Minhaz Mahmud       | 04/13/2014 | Minhaz Mahmud          |
| Kiante Brantley     | 04/13/2014 | Kiante Brantley        |
| Seth Mosgin         | 04/13/2014 | Seth Mosgin            |
| Ines Ngassa         | 04/13/2014 | Ines Ngassa            |

## 7. Appendix C - Document Contributions

Giancarlo Mogliazzi is the owner of this document.

Seth Mosgin - corrections in data validation table

Minhaz Mahmud - formatted the document to make it consistent with other documents