

User Interface Design

Document

FeedMe

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Table Of Contents

1. Introduction

- 1.1 Purpose of this document.
- 1.2 References.

2. User Interface Standards

3. User Interface Walkthrough

- 3.2.1: Login
- 3.2.2: Register
- 3.2.3: Restaurant View
- 3.2.4: User Profile

Appendix A - Agreement between Customer and Contractor

Appendix B - Team Review Sign-off

Appendix C - Document Contributions

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.

The screenshot shows the FEEDME login page. At the top, there is a blue header bar with the 'FEEDME' logo, navigation links for 'Home', 'FeedMe Quick', a search bar, 'REVIEWS -', and user links for 'Login' and 'Register'. Below the header, the main title 'LOGIN TO FEEDME' is centered. The login form consists of several input fields: a 'FACEBOOK LOGIN' button, a horizontal line with the text 'or', a 'Username' field, a 'Password' field, and a large blue 'LOGIN!' button at the bottom. Below the 'LOGIN!' button, there are two small links: 'Not a member? Join us!' and '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.

The screenshot shows the 'JOIN FEEDME' registration page. At the top, it says 'Discover what eating around UMBC is like.' Below that is a blue 'FACEBOOK LOGIN' button. Underneath it, there's a 'or' link. The form fields are as follows:

- Email: A text input field.
- Username: A text input field.
- First name: A text input field.
- Lastname: A text input field.
- Password: A text input field with a visibility icon.
- Confirm Password: A text input field with a visibility icon.
- Gender: A dropdown menu with 'Select your gender' placeholder.
- When did you first arrive at UMBC?: A dropdown menu with 'Select a year' placeholder.
- Send me occasional emails with great food tips: A checkbox.

At the bottom, there's a blue 'REGISTER BY EMAIL' button, a link to 'Already a member?', and a 'Login' link.

Figure 2.4: Register Page (Shrunken down to save space)

There are three different profile pages: Basic User, Moderators, and Admin. A basic user profile will show basic account information (Username, Year Arrived, Gender, Biography, Favorite Tags, and Real Name) as well as recent food reviews. There is an “edit” button that will allow a user to change this data. A Moderator profile will be exactly the same, but there will

also be an area that allows the moderator to flag a user. The admin profile page is the same as the moderator page, but instead of just being able to flag, they can also ban users.

The screenshot shows the FEEDME user profile interface. At the top, there is a navigation bar with links for 'Home', 'FeedMe Quick', 'Search', 'REVIEWS', 'test test', and 'Logout'. The main content area is divided into sections:

- Profile:** Displays a cartoon character icon, a user name 'test', gender 'Male', year arrived '1991', real name 'test test', biography 'RIP Spiderman', and food tags: pizza, steak, food, fresh, chicken, fish, jim, bob, water.
- Recent Activity:** Shows a large image of a cheese pizza with melted cheese stretching between slices. To the right, a review is displayed:
 - Date: 2014-04-29
 - Time: 8:46 pm
 - Tags: pizza, yummy, cheese
 - Content: delicious pizza
the pizza was amazing
- Activity:** Shows options to Ban User (with a crossed-out user icon) and Flag User (with a flag icon).
- Social Media:** (This section is partially visible at the bottom)

Figure 2.5: User Profile

Excluding all added content, each restaurant profile is identical. All restaurant views will have the Name of the restaurant at the top, then a box with three tabs: Info, Tags, Submit Review. The info tab just shows the restaurants information, the tags tab show all the tags associated with that restaurant, and the submit review tab is where a user would click when wanting to upload a food review. Under the information box is where all the content will be displayed. Each item review will have a: Name, Picture, Description, Date, and Tags.

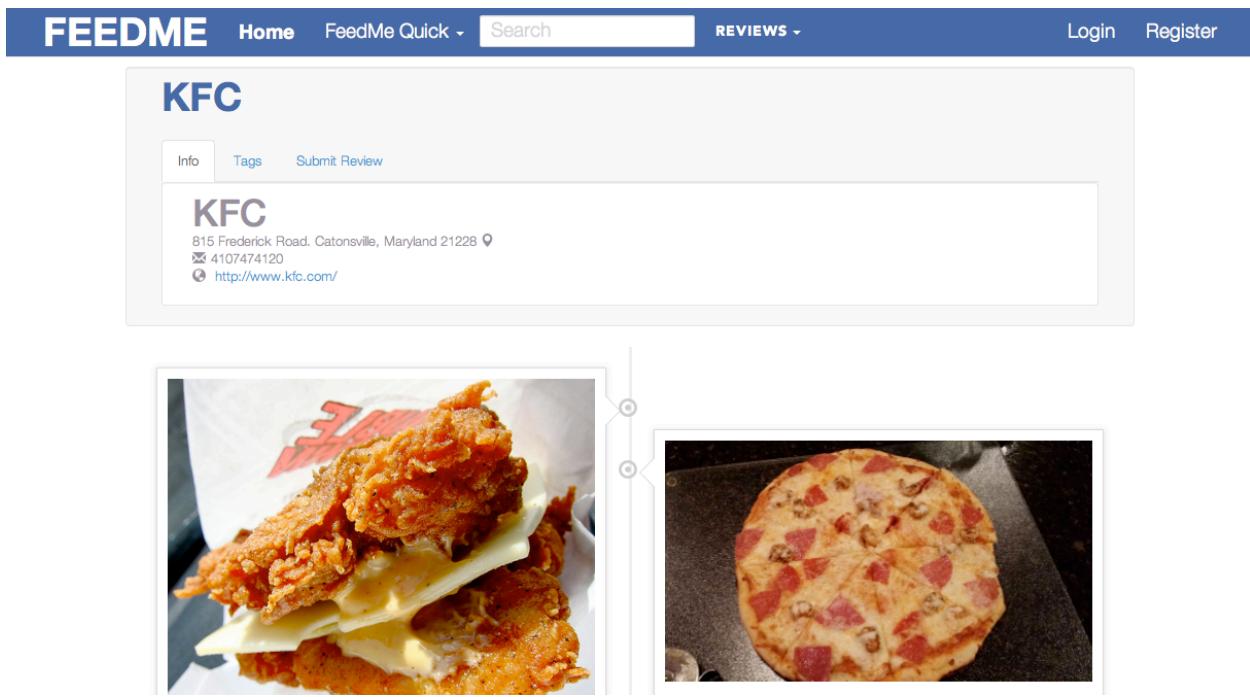
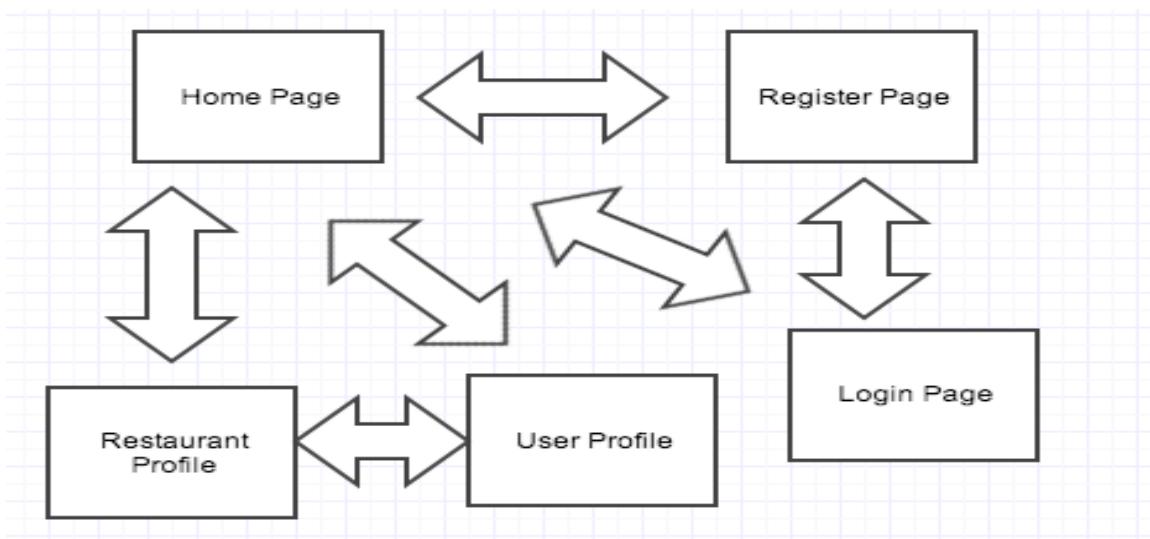


Figure 2.6: Restaurant Profile

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, 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.

Back to homepage

Login or Register

Checks entered data with the database to see if the credentials are valid

Enter login information(Username 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 , 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 Register page. At the top, there's a blue header bar with the FEEDME logo, a search bar, and navigation links for Home, FeedMe Quick, REVIEWS, Login, and Register. A red circle highlights the "Back to home page" link in the top-left corner. Another red circle highlights the "Login with Facebook" button in the top-right corner. A large red speech bubble on the left side contains the text "Enter required information in text boxes and drop down menus". A red circle highlights the "REGISTER BY EMAIL" button at the bottom center. A red circle highlights the "Login" link at the bottom right. A red circle highlights the "Send me occasional emails with great food tips" checkbox. A red circle highlights the "Select a year" dropdown menu under "When did you first arrive at UMBC?". A red circle highlights the "Select your gender" dropdown menu under "Gender".

3.2.3 Restaurant View

Each review has a restaurant page associated with it. 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).

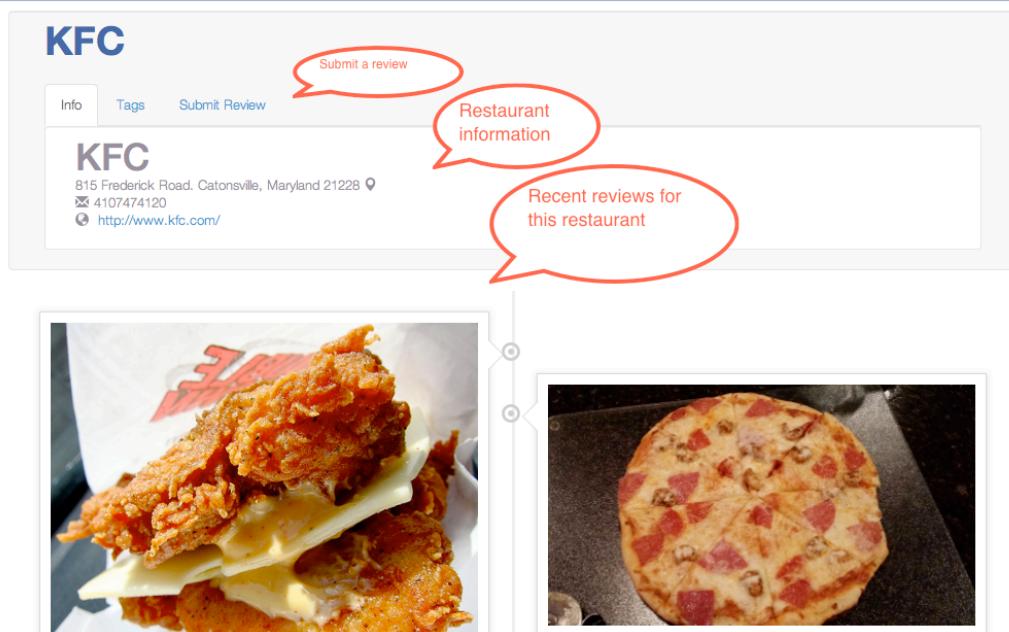


Figure 3.2.3: Main Restaurant View

You can view all the restaurant information on this tab

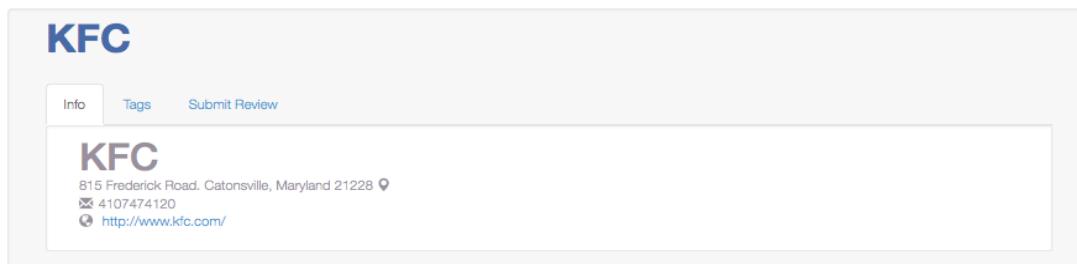


Figure 3.2.3a: Restaurant Ratings Tabs

You can view all the tag information on this tab

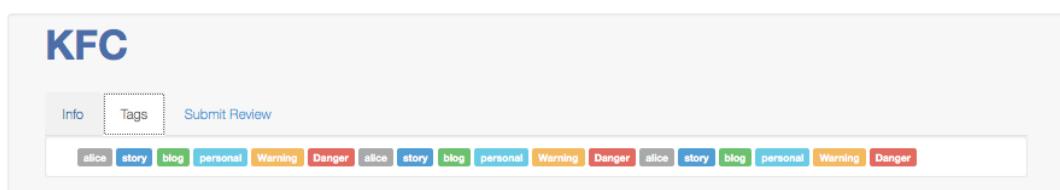


Figure 3.2.3b: Restaurant Tag tab

After submitting a review, it will be posted to the website. You can now review everything you just wrote and make comments/rate.

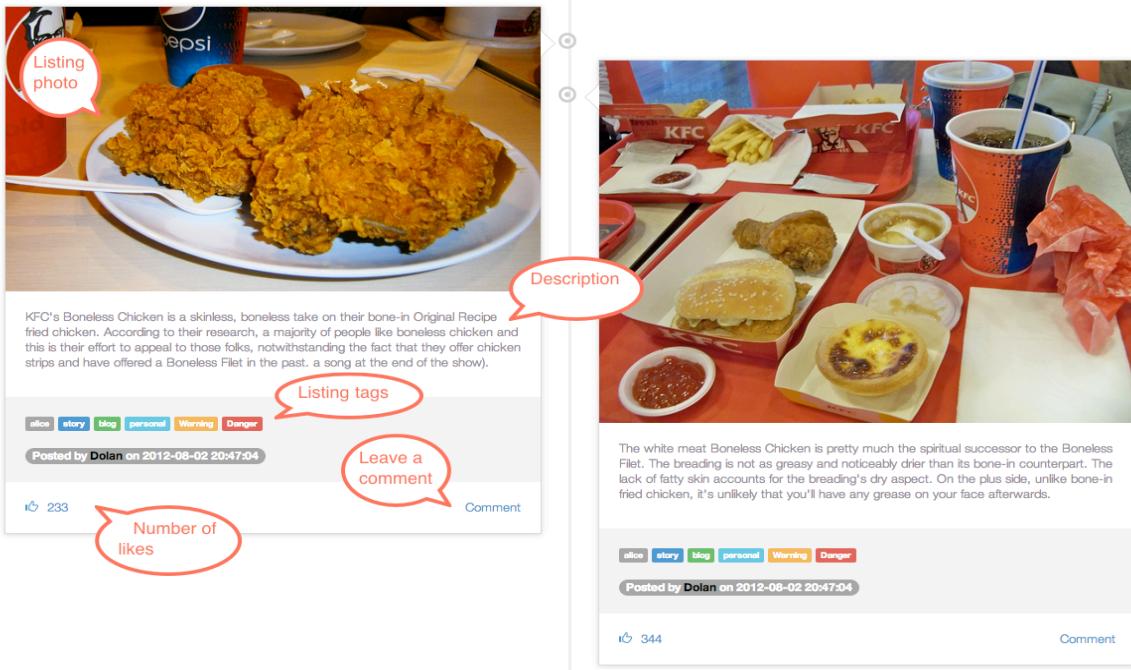


Figure3.2.3B: Recent restaurant review's. Contains: Photo, Review, Tags, Timestamp, and Comment section



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 contain: 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 each text field and prompt the user to change it (See figure 3.2.4B).

The screenshot shows the FEEDME User Profile page. At the top, there's a navigation bar with links for Home, FeedMe Quick, Search, REVIEWS, test test, and Logout. The main content area is divided into sections:

- Profile:** Includes a user icon, a "Profile Photo" placeholder, and a "Recent Activity" section.
- User Information:** Shows the user's name (test), gender (Male), year arrived (1991), real name (test test), biography (RIP Spiderman), and food tags (pizza, steak, fish, jim, bob, water).
- Activity:** Shows "Admin activity" and a "Flag User" button.
- Recent Activity:** Displays a post titled "delicious pizza" with a photo of a pizza slice, timestamp (2014-04-29, 8:46 pm), and tags (pizza, yummy, cheese). A speech bubble highlights "User information(Username,Gender,Year Arrived,Real Name,Biography,Tags)".
- Reviews:** Displays a review titled "The cheeseburger" with a photo of a burger bun, timestamp (2014-04-27, 8:27 pm), and tags (cheese, burger). A speech bubble highlights "item title" and "item tags".

Figure 3.2.4A: User Profile page

This screenshot shows the "Moderator view" interface. It features a large "Activity" section at the top and a "Flag User:" button below it, accompanied by a blue flag icon.

3.2.4B: Moderator view (only moderators can see this)

This screenshot shows the "Administrator view" interface. It includes an "Activity" section and two buttons: "Ban User:" with a blue circle icon and "Flag User:" with a blue flag icon.

3.2.4C: Administrator view (only admin profiles can see this)

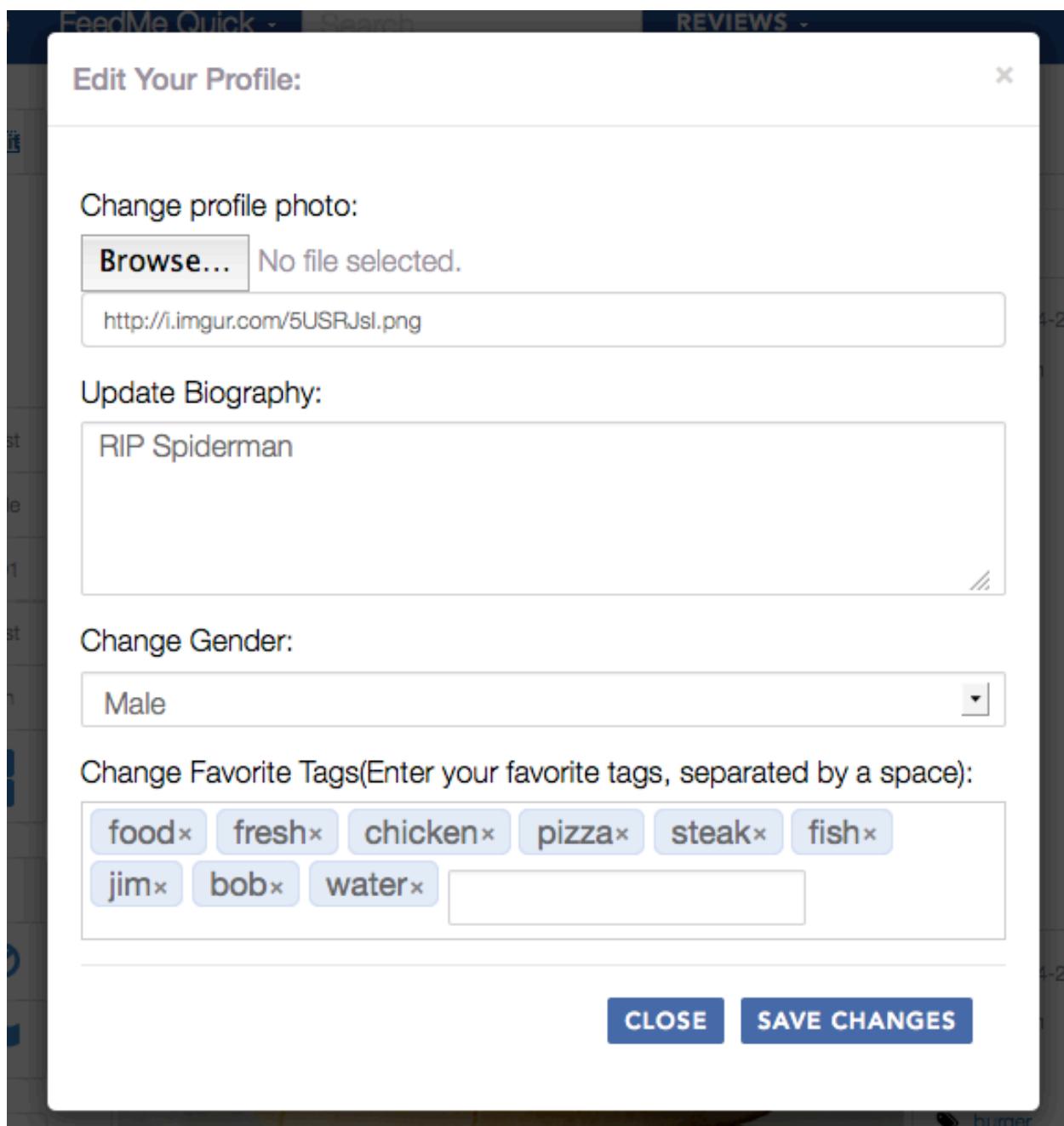


Figure 3.2.4D: Edit Profile pop-up to allow user to change Biography and other fields.

3.2.5 Search Page

Every navigation bar has a search field. If a user wants to find a review, user, or restaurant, they would use the search bar to find

it. The navigation bar also has: Home Page link, drop down, Logout and login.

The screenshot shows the FeedMe website interface. At the top, there is a blue header bar with the 'FEEDME' logo, a 'Home' link, a 'FeedMe Quick -' dropdown, a search bar containing 'Search', a 'REVIEWS -' dropdown, and user account links 'test test' and 'Logout'. Below the header, the page title 'Search Results' is displayed, followed by a sub-header indicating '11 results were found for the search for chicken'. The main content area contains two search results, each featuring an image of a dish. The first result shows a sandwich with fried chicken and cheese. A red speech bubble labeled 'Review search results' points to the right side of this image. The second result shows a plate of fried chicken wings. To the right of the images, there is a sidebar with the date '2014-04-26', time '5:12 pm', category 'sandwich', and a small trash icon. Below this, another set of details is shown: '2014-04-26', '2:44 am', 'chicken', and a small trash icon.

3.2.5A “Chicken” Tag Search Result

The screenshot shows the FeedMe website interface. At the top, there is a blue header bar with the 'FEEDME' logo, a 'Home' link, a 'FeedMe Quick -' dropdown, a search bar containing 'Search', a 'REVIEWS -' dropdown, and user account links 'test test' and 'Logout'. Below the header, the page title 'Search Results' is displayed, followed by a sub-header indicating '1 results were found for the search for iggies'. The main content area contains one search result, which features an image of a restaurant storefront for 'IGGIES'. A red speech bubble labeled 'Restaurant Search Results' points to the right side of this image. Below the image, there is a small card with the text 'Iggies Pizza' and some icons.

3.2.5B “Iggies” Restaurant Search Result

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

Entry Location	Data Types	Limits
Username (Register)	String	Are unique, if a duplicate is found, the username is rejected
Email (Register)	String	Must end with @umbc.edu to verify user is a student
Password (Register)	String	Must be entered twice, for confirmation, or password is rejected
Username (Login)	String	Must match with a Username in database
Password (Login)	String	Must match with the Password assigned to the entered Username
Description (Restaurant View)	String	Less than 500 characters long.
Biography(User Profile)	String	Less than 500 characters long

5. Appendix A – Agreement Between Customer and Contractor

By the end of Spiral 3, our customer requested that we have the whole website completed. He specifically wanted a: Role system, commenting

system, searching system, flag/ban system.

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 4-29-14**

_____ **Print**

Name _____ **Minhaz Mahmud** _____ **Date 4-29-14**

____Minhaz Mahmud_____ Signature

Comments:

Name _____ Kiante Brantley _____ Date 4-29-14

Print

Name _____ Kiante Brantley _____ Date 4-29-14

Signature

Comments

Name _____ Seth MOsgin _____
Date 4-29-14

Print

Name _____ Date 4-29-14

Seth Mosgin

Signature

Comments

Name _____ Jessica Ngassa _____
Date 4-29-14

Print

Name _____ Jessica Ngassa _____
Date 4-29-14

Signature

Comments

Name _____ Date _____

_____ Print

Name _____ Date _____

_____ Signature

Comments

7. Appendix C – Document Contributions

Giancarlo Mogliazz is the owner of this document.