

# **System Requirements Specification**

FeedMe

## **Client**

Michael Wilson

## **Team 1**

Ines Jessica Ngasssa

Seth Mosgin

Kiante

Giancarlo Mogliazzi

Minhaz Mahmud

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## 1. Introduction

### 1.1 Purpose of This Document

Our project is based on food quality around UMBC campus, whether it is on campus or off campus. This website is to help upcoming UMBC students or current students that would like to have an idea of what their fellow students consider "good" food and versus foul food.

#### a. References

We used Bootstrap documentation as reference.  
Otto, Mark. *Bootstrap*. N.p., 2010. Web. 4 Mar. 2014.  
<<http://getbootstrap.com/about/>>.

#### b. Purpose of the Product

The user will be able to upload picture of the places where they ate or the actually food they had. They will also be able to comment and other's people posts, and by the same token earn points from commenting. This project was based on how the difficulty of finding food on or off campus.

### 1.2 Product Scope

This section identifies the boundary between the system under development and the outside world. That is, it identifies what is included in the system and what is not. Typically, a context diagram best describes the boundary. However, because the systems in this class are small, we will use a combination top-level use case and context diagram. In addition to referring the reader to the diagram, give a brief summary of how it illustrates the system's scope. Make sure to number the use cases in the diagram.

User Register



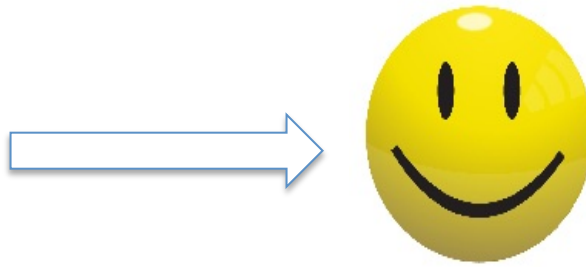


Figure 1: Use case 1



Figure 2: Use case 2

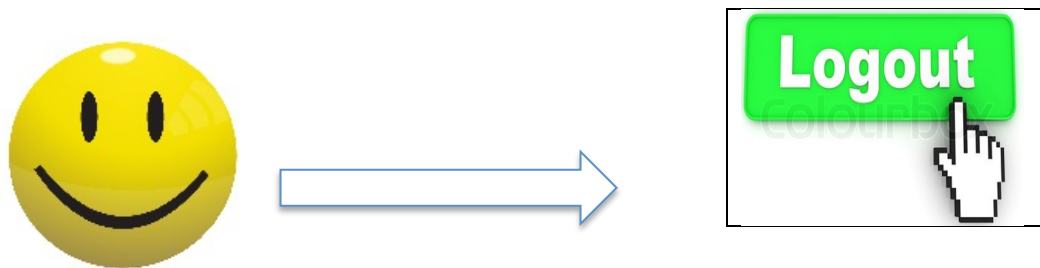


Figure 3: Use Case 3

## 2. Functional Requirements

### Use Case 1

Number	1
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<b>Name</b>	Registered Mail	
<b>Summary</b>	This is where the user enters his credentials	
<b>Priority</b>	1	
<b>Preconditions</b>	Valid UMBC email address	
<b>Postconditions</b>	Have an account	
<b>Primary Actor</b>	User	
<b>Secondary Actors</b>	The website	
<b>Trigger</b>	First time users register their credentials .	
<b>Main Scenario</b>	<b>Step</b>	<b>Action</b>
	1	User fills out all the information
	2	The system checks to make sure that correct credentials were entered.
	3	The user is entered in the database and can now navigate the website.
<b>Extensions</b>	<b>Step</b>	<b>Branching Action</b>
	1a	User does not have a valid UMBC email address. Message will be displayed in that case
<b>Open Issues</b>		

## Use case 2

<b>Number</b>	2	
<b>Name</b>	Log in	
<b>Summary</b>	This is where the user enters his credentials	
<b>Priority</b>	1	
<b>Preconditions</b>	Valid UMBC email address	
<b>Postconditions</b>	Have an account	
<b>Primary Actor</b>	User	
<b>Secondary Actors</b>	The website	
<b>Trigger</b>	The credentials that are entered are correct	
<b>Main Scenario</b>	<b>Step</b>	<b>Action</b>
	1	The user has already registered and can log in .
	2	They system checks to make sure the information entered matches what we have in the database
	3	The user is either logged in if the information entered are correct or he is prompt to try again if the information entered are not correct
<b>Extensions</b>	<b>Step</b>	<b>Branching Action</b>

	1a	User does not have a valid UMBC email address. Message will be displayed in that case
<b>Open Issues</b>		

<b>Name</b>	Log out
<b>Summary</b>	The user goes through this in order to conclude the use of the website.
<b>Preconditions</b>	The user must be logged in, in order to log out

### User case 3

<b>Number</b>	3	
<b>Postconditions</b>	The user is logged out and all the changes made are saved in the data base	
<b>Primary Actor</b>	User	
<b>Secondary Actors</b>	The website	
<b>Trigger</b>		
<b>Main Scenario</b>	<b>Step</b>	<b>Action</b>
	1	The user is logged in
	2	The user click log out
	3	
<b>Extensions</b>	<b>Step</b>	<b>Branching Action</b>
	1a	
<b>Open Issues</b>		

### 3. Non-Functional Requirements

Below are the things we are considering while building this website

Number	Non Functional requirement	Priority lowest(1) to highest(5)
1	Registering	5
2	Log in	4
3	Log out	3
4	User should be able to access the website from any browser	5
6	The password should be encrypted for safety.	5
7	Users information should be secured	5
8	Security	4
9	Software must be reliable and not crash.	4
10	The <b>website</b> must be finished on time.	5
11	The website needs modifiability for future updates and enhancements.	4

#### 4. User Interface

See User Interface Design Document for FeedMe.

#### 5. Deliverables

Soft copies of each of the following:

- Systems Requirement Specification
- System Design Document
- User Interface Design Document
- User Manual
- PHP code(back end)

- CSS and HTML code generated from bootstrap front end.

An electronic copy in a ZIP file containing the following:

- Systems Requirement Specification
- System Design Document
- System Design Document
- User Interface Design Document
- User Manual
- Administrator Manual
- All source code
- The executable program
- Any other software required for installation and execution of the delivered program.

## **8. Appendix A – Agreement Between Customer and Contractor**

By writing our name on this document, the customer and our team agrees on the outline of the FeedMe website. The parties listed above agree on meeting quarterly with all the specifics outlined in the documents. The website will consist of uploaded picture of restaurant/food taken by students from UMBC, along with ratings and comments. If any problems arise in the implementation of the design, the procedure for changing the project would be the following: It will be provided in writing to the customer and electronically. Then the customer can approve the changes and or request a meeting to talk over the changes. Any agreed changes will be committed on this document.

Client

Name \_\_\_\_\_ Michael Wilson \_\_\_\_\_

Date \_\_\_\_\_ February 28th \_\_\_\_\_

Name \_\_\_\_\_ Seth Mosgin \_\_\_\_\_

Date \_\_\_\_\_ February 28th \_\_\_\_\_

Name \_\_\_\_\_ Giancarlo Mogliazzi \_\_\_\_\_

Date \_\_\_\_\_ February 28th \_\_\_\_\_

Name \_\_\_\_\_ Jessica Ngassa \_\_\_\_\_

Date \_\_\_\_\_ February 28th \_\_\_\_\_

Name \_\_\_\_\_ Kiante Brantley \_\_\_\_\_

Date \_\_\_\_\_ February 28th \_\_\_\_\_

Name \_\_\_\_\_ Minhaz Mahmud \_\_\_\_\_



Date\_\_\_\_\_ February 28th \_\_\_\_\_

## 9. Appendix B – Team Review Sign-off

All members of the team, has reviewed this document and agreed on the content and format. Any disagreement(s) on the content/format will reflect on the document below.

### Team

Name \_\_\_\_\_ Seth Mosgin \_\_\_\_\_

Date\_\_\_\_\_ March 1<sup>st</sup> 2014 \_\_\_\_\_

Comments

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\_\_\_\_\_

Name \_\_\_\_\_ Ines Jessica Ngasssa \_\_\_\_\_

Date\_\_\_\_\_ March 1<sup>st</sup> 2014 \_\_\_\_\_

Comments

\_\_\_\_\_  
\_\_\_\_\_

Name \_\_\_\_\_ Minhaz Mahmud \_\_\_\_\_

Date\_\_\_\_\_ March 1<sup>st</sup> 2014 \_\_\_\_\_

Comments

\_\_\_\_\_  
\_\_\_\_\_

Name \_\_\_\_\_ Giancarlo Mogliazzi \_\_\_\_\_

Date\_\_\_\_\_ March 1<sup>st</sup> 2014 \_\_\_\_\_

Comments

\_\_\_\_\_  
\_\_\_\_\_

Name \_\_\_\_\_ Kiante Brantley \_\_\_\_\_

Date\_\_\_\_\_ March 1<sup>st</sup> 2014 \_\_\_\_\_

Comments

\_\_\_\_\_  
\_\_\_\_\_

Name \_\_\_\_\_ Giancarlo Mogliazzi \_\_\_\_\_

Date \_\_\_\_\_ March 1<sup>st</sup> 2014 \_\_\_\_\_  
Comments \_\_\_\_\_

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## **10. Appendix C – Document Contributions**

Jessica had the lead in the SRS. Kianté collected use cases from the client and wrote the functional requirements. Seth wrote the non-functional requirements. Giancarlo wrote the product scope and Minhaz did part of the introduction