

Administrator Manual

Client

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Table of Contents

	<u>Page</u>
1. Introduction	3
1.1 Purpose of This Document	3
1.2 References	3
2. System Overview	3
2.1 Background	3
2.2 Hardware and Software Requirements	3
3. Administrative Procedures	4
3.1 Installation	4
3.2 Routine Tasks	4
3.3 Periodic Administration	4
3.4 User Support	4
4. Troubleshooting	5
4.1 Dealing with Error Messages and Failures	5
4.2 Known Bugs and Limitations	5
Appendix A - Peer Review Sign-off	6
Appendix B – Document Contributions	6

1. Introduction

1.1 Purpose of This Document

This document is intended for a system administrator and is intended to provide instructions for installing and maintaining the FeedMe website. FeedMe, like most well-designed websites, is designed for ease of use and efficiency. Reference the System Design Document, User Interface Document, and System Requirements Specification document to gain a better understanding of how FeedMe is implemented.

1.2 References

System Design Document (SDD)
User Interface Document (UID)
System Requirements Specification (SRS)
www.digitalocean.com

2. System Overview

2.1 Background

The FeedMe web application is designed to assist students who attend UMBC in discovering quality food. The application will allow users to upload information about a restaurant that they have visited in order to share their experience with other users. The application will act as a quick and convenient source for students and faculty of UMBC who are looking for something to eat.

2.2 Hardware and Software Requirements

The system is able to run on any Operating System. FeedMe requires the use of an Apache HTTP server with PHP installed. Additionally, it requires a MySQL database.

3. Administrative Procedures

3.1 Installation

First, setting up the Apache HTTP server with PHP is required for FeedMe's operation. We found that setting up and running FeedMe on a LAMP stack is both succinct and efficient. There are many guides out there for installing a LAMP stack, and here is a great one: <https://www.digitalocean.com/community/articles/how-to-install-linux-apache-mysql-php-lamp-stack-on-ubuntu>. Simply searching "installing a lamp stack on [your operating system]" on Google will also suffice. Verify that the server works with both PHP and MySQL.

Additionally, any operating system and internet browser combination is required for displaying the website properly. For convenience, a file called "feedme.sql" is included in the webroot/sql directory. Executing this file can be done in order to properly set up the database.

3.2 Routine Tasks

Functionally, there are no tasks that have to be done on a routine basis. It is recommended that the site is reviewed by moderators and administrators in order to keep inappropriate content off of the website. Moderators have the ability to flag, while administrators have the ability to delete content. The thresholds at which flagged content is affected are set in the params.php file in the webroot/scripts directory.

3.3 Periodic Administration

Cleaning up of user accounts and content should be done at the administrator's discretion in order to prevent the database from filling up with irrelevant or non-contributory content.

3.4 User Support

In order to request additional support, please contact any of us via email:

Minhaz Mahmud: minhaz1@umbc.edu

Kiante Brantley: bran4@umbc.edu

Giancarlo Mogliazzi: gmog1@umbc.edu

Seth Mosgin: smo1@umbc.edu

Ines Ngassa: ingassa1@umbc.edu

4. Troubleshooting

4.1 Dealing with Error Messages and Failures

In the event of an Error Message or Failure, contacting a team member is recommended. No known Error Messages or Failures have not been addressed by the team.

4.2 Known Bugs and Limitations

The website has been extensively tested and designed for security as well as efficiency. One minor defect is that images for reviews are not currently cropped, which may result in a performance hit. Additionally, when a given user is logged in to multiple sessions and updates their profile, one session will update while the other will not until the user logs out and then logs back in. Moreover, the upload local image link does not work when submitting a review or editing a user profile. Lastly, when a review is submitted, a period is appended to the review. It is deemed that these minor defects do not impact the functionality of FeedMe.

4. Appendix A - Team Review Sign-off

Name:	Date:	Signature (Print name)
Seth Mosgin	04/29/2014	Seth Mosgin
Minhaz Mahmud	04/29/2014	Minhaz Mahmud
Kiante Brantley	04/30/2014	Kiante Brantley
Giancarlo Mogliazzi	04/30/2014	Giancarlo Mogliazzi
Ines Ngassa	04/30/2014	Ines Ngassa

Appendix B - Document Contributions

This document was completed by Seth Mosgin for the most part with help from various team members in various capacities.