**Purpose of This Document**

This document will contain miscellaneous notes that the members of the development team may or may not find useful. Feel free to add anything you think might be helpful to other team members. If you had to pull your hair out figuring something out and you think others might run into the same problem, do a short write up on it.

**Development Environment**

NetBeans is the recommended development environment. It can be downloaded at <http://netbeans.org/downloads/index.html>. Download either the PHP version or the all-inclusive version. You’ll need to install the Java JDK before install NetBeans. That can be downloaded at <http://www.oracle.com/technetwork/java/javase/downloads/jdk-7u2-download-1377129.html>.

To debug PHP with NetBeans, you need to have XDebug installed. That is the “X” in XAMP. So if you go that route you should be set. It takes a little work to get XDebug setup with IIS. The instructions on XDebug’s site aren’t accurate for modifying php.ini for PHP 5.3 installed on a Windows machine. This is what you should add to the end of php.ini:

[XDebug]

zend\_extension = "C:\Program Files (x86)\PHP\v5.3\ext\php\_xdebug-2.1.2-5.3-vc9-nts.dll"

xdebug.remote\_enable=on

xdebug.remote\_handler=dbgp

xdebug.remote\_host=localhost

xdebug.remote\_port=9000

The actual location and name of the XDebug dll may vary depending on your setup. So be sure that it’s right for your setup.

**Source Code Repository**

I have set up a source code repository on unfuddle.com. You should get a download a copy of TortoiseSVN at <http://tortoisesvn.net/downloads.html>. This will modify Windows Explorer and allow you to access the source code through Explorer. The url to access the source code repository is <http://markgoodwin.unfuddle.com/svn/markgoodwin_lmcwebportal/>.

I’ve also set up a document repository to maintain docs such as this file. We can also use it to work on a user manual for the system, if we feel that’s required at some point. The url is <http://markgoodwin.unfuddle.com/svn/markgoodwin_lmcdocs/>.

SQL script depository at <http://markgoodwin.unfuddle.com/svn/markgoodwin_sql/>.

**Securing a GoDaddy Linux Site**

For the website to be secure on GoDaddy linux site you need to upload the following .htaccess file into the directory:

<IfModule mod\_rewrite.c>  
     RewriteEngine on  
     RewriteRule .\* - [E=HTTP\_AUTHORIZATION:%{HTTP:Authorization},L]  
</IfModule>

Because .htaccess is not a valid filename under Windows, it is included in the PHP code as htaccess.txt. It needs to be uploaded with the rest of the site via ftp and then renamed to .htaccess.

**Required Starting Code for ALL Web Pages**

All web pages must start with the following code. This code starts the session, regenerates a new session id (to prevent hacking through a fake session), and then check to see if the user has logged in. If the user hasn’t logged in, then they are immediately redirected to the login page. This code is **ESSENTIAL** to maintain **SECURITY**.

session\_start();

session\_regenerate\_id();

if(!isset($\_SESSION['id']))

{

header("Location: login.php");

}