

PileSite Project

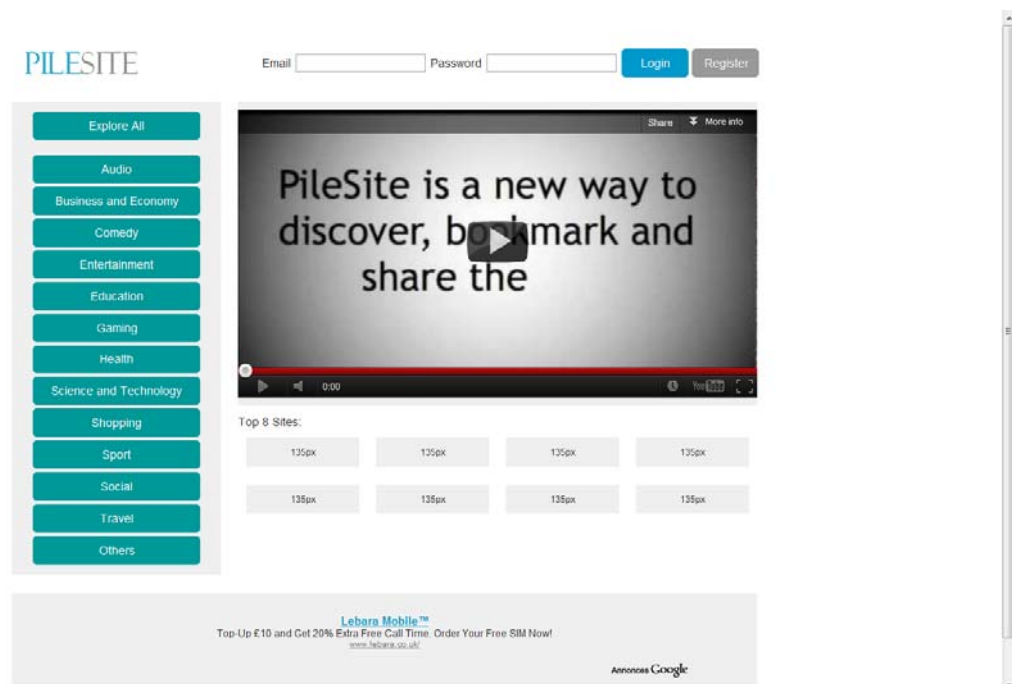
Team members: Horace Li, Terrence Chiu, Jerrine Soh

Terrence Chiu was responsible for front-end, AJAX and CSS. Jerrine Soh was responsible for video. Horace was responsible for backend MySQL and PHP code.

PHP code fragments taken from PHP 6 and MySQL 5 for Dynamic Web Sites: Visual QuickPro Guide (3rd Edition), by Larry Ullman

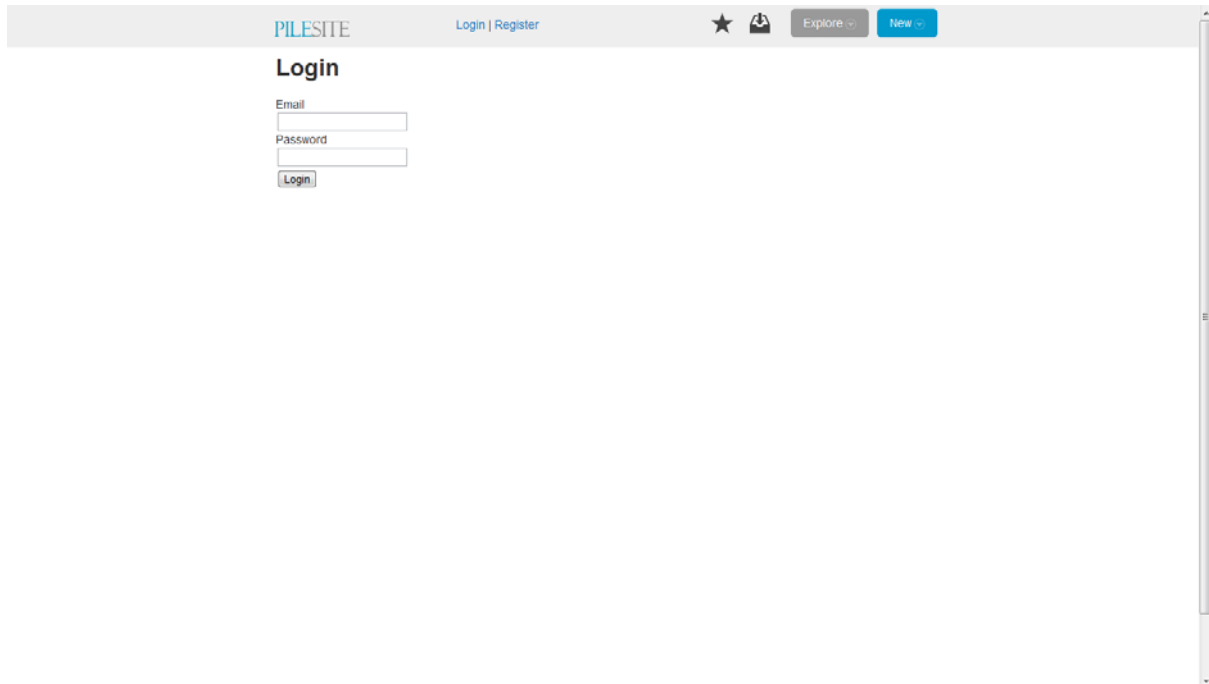
The documentation should either be self-evident by reading the source code or the inline comments, so not all files are reported here.

Index.php



There is very little php, apart for a SQL query that displays the different categories available (left turquoise links). The login button submits the form to login.php.

Login.php



The screenshot shows the login page of a website named PILESITE. The header includes the site name, a 'Login | Register' link, and navigation buttons for 'Explore' and 'New'. The main content area is titled 'Login' and contains a form with fields for 'Email' and 'Password', followed by a 'Login' button.

PILESITE Login | Register Explore New

Login

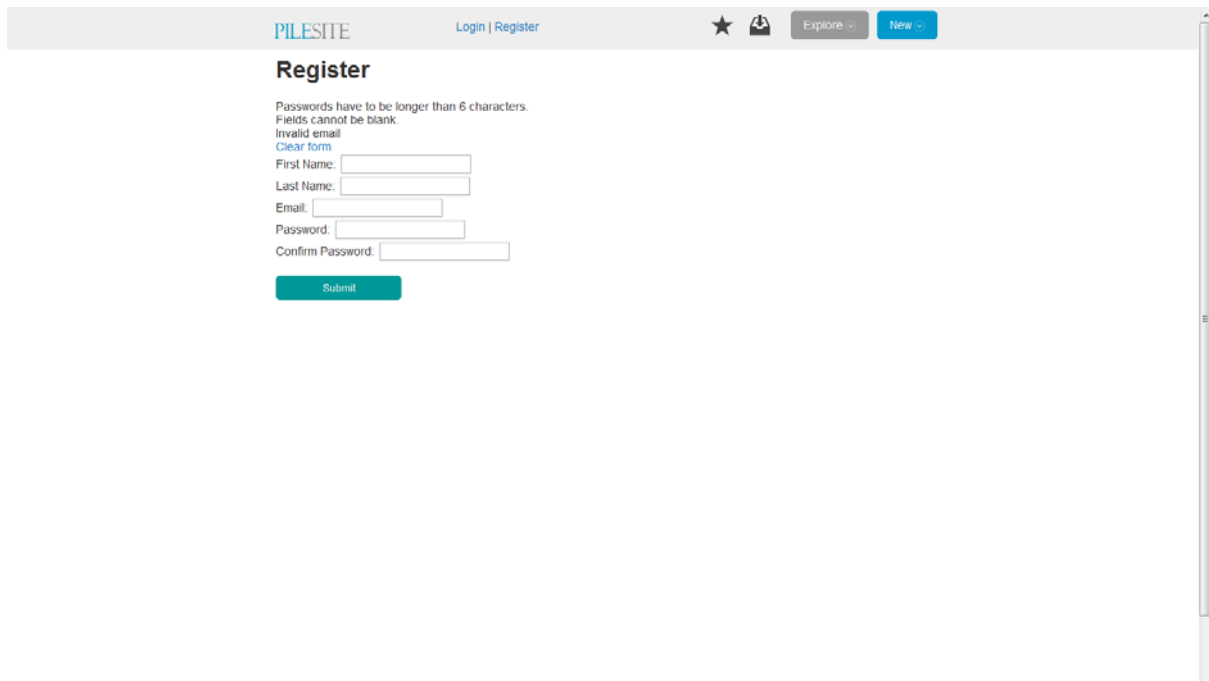
Email:

Password:

Login

In normal usage, this page will only appear if someone types in wrong password or has login errors. It takes POST form inputs and if it queries the database successfully, headers the user to home.php, so normal logins will never see this page.

Register.php



The screenshot shows the register page of the PILESITE website. The header is identical to the login page. The main content area is titled 'Register' and displays several error messages: 'Passwords have to be longer than 6 characters.', 'Fields cannot be blank.', and 'Invalid email'. There is a 'Clear form' link. The form includes fields for 'First Name', 'Last Name', 'Email', 'Password', and 'Confirm Password', followed by a 'Submit' button.

PILESITE Login | Register Explore New

Register

Passwords have to be longer than 6 characters.
Fields cannot be blank.
Invalid email
Clear form

First Name:

Last Name:

Email:

Password:

Confirm Password:

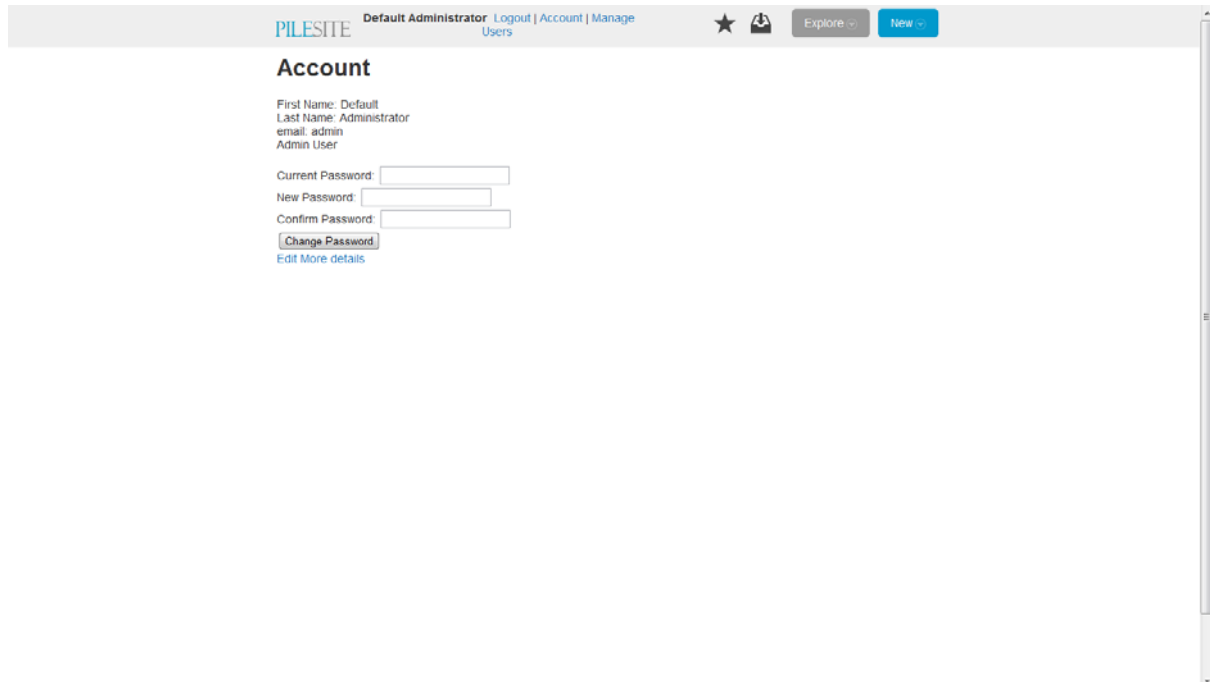
Submit

The register link on the index page links to this page, which both displays the form and handles it. When handling the form, it all the checks are passed, it inserts the appropriate data into the database and sends an email to the user to activate (see activate.php).

Activate.php

This page has nothing to display. All it does is take the parameters given by the GET array, does a query to check if the data corresponds to a recently registered user, then either modifies the database to 'activate' the user or headers them to login.php which will pick up appended GET values and display the appropriate error messages.

Account.php


The screenshot shows the 'Account' page of a website called 'PILESITE'. The header bar is light gray and contains the site logo, a user profile icon, and navigation links: 'Default Administrator', 'Logout', 'Account', and 'Manage Users'. There are also 'Explore' and 'New' buttons. The main content area is titled 'Account' and displays user information: 'First Name: Default', 'Last Name: Administrator', 'email: admin', and 'Admin User'. Below this is a password change form with fields for 'Current Password', 'New Password', and 'Confirm Password'. There is a 'Change Password' button and a link to 'Edit More details'.

This page queries the current user, based on the SESSION user id assigned to the session during login, and displays the users info. It also has a form to change password, which actions back to itself to handle password checking and database update to change the password.

Uploadsite.php

This page shouldn't normally be accessed directly – it is included in the website's global header. The file itself doesn't have any open database connections or css, so it will display an error just accessed alone.

It takes in a website and category values, as well as 2 radio boxes. It first SELECTs the website from the database, and inserts it if it doesn't exist already. Then depending on the values of the 2 radio boxes, it also inserts relevant records into the 'pile' and 'suggestsite' tables. As part of the 'share with others', if the email address of the person you're sharing the site isn't a registered user, it also sends them an email inviting them to register on PileSite.



Explore

New

Add / Share Site:

site:

Category:

Audio

Add to my pile?

☒ Yes ☐ No

Share with others?

☐ Yes ☒ No

Email:

Submit


Warning: mysqli_query() expects parameter 1 to be mysqli, null given in /home/content/55/6261055/html/websites/pile-site/uploadsite.php on line 142

site:

Category:

Submit

Users.php



Default Administrator
Logout | Account | Manage Users

★

Explore

New

Manage Users

Create User

View All

8 records found

Edit	Delete	User Type	User ID	First Name	Last Name	Email
Edit	Delete	User	30	Terrence	Chiu	chchiu
Edit	Delete	User	32	Terrence	Chiu	chchiuch@hotmail.com
Edit	Delete	User	35	Apple	Fruit	applefruit912@gmail.com
Edit	Delete	User	31	Horace	Li	horaceli@gmail.com
Edit	Delete	Admin	20	Default	Administrator	admin
Edit	Delete	Admin	29	Admin	Four	admin4
Edit	Delete	Admin	28	Admin	Three	admin3
Edit	Delete	Admin	27	Admin	Two	admin2

Toggle sort order

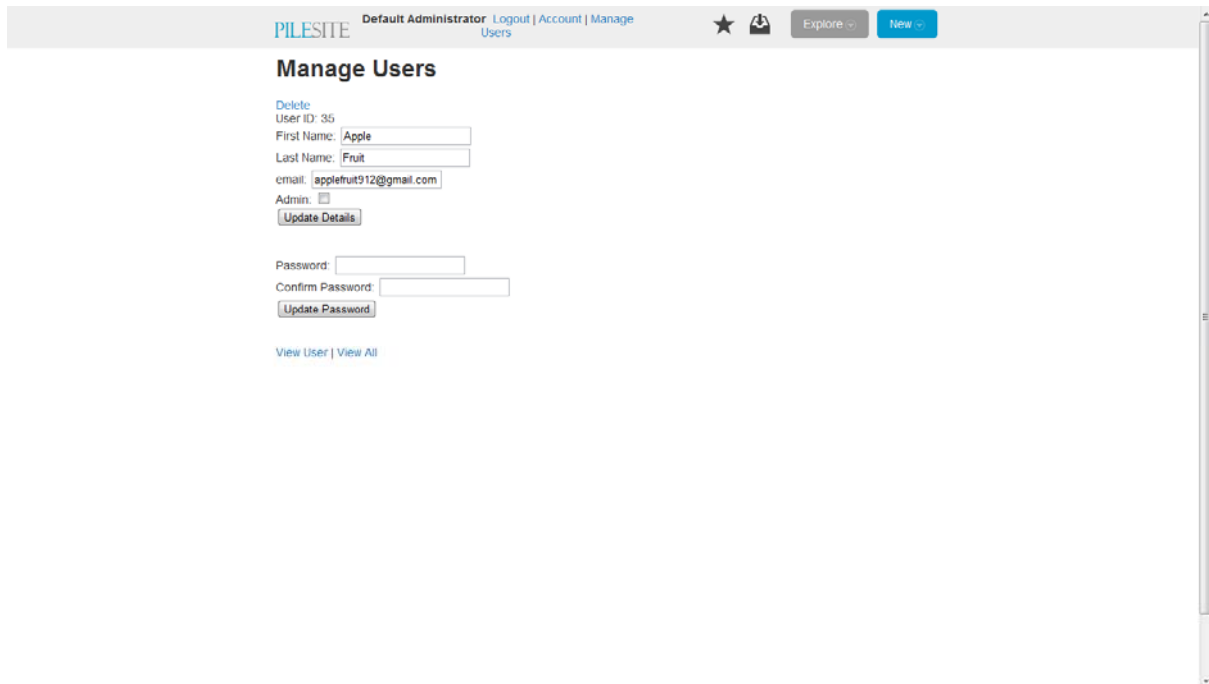
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Display

This file headers the user elsewhere if he's not an admin or not logged in. Then depending on the value for the value of `$_GET['action']` it includes various other files or forms. If nothing is specified for the action, it includes `users_listusers.php`. All the files this script includes will have errors if accessed directly.

/includes/users_updatepassword.php

This file checks if the password submitted from the form like



The screenshot shows a web application interface for managing users. The header includes the site name 'PILESITE' and navigation links: 'Default Administrator', 'Logout', 'Account', and 'Manage Users'. There are also buttons for 'Explore' and 'New'. The main section is titled 'Manage Users' and contains a form for editing a user's details. The form includes fields for 'User ID' (35), 'First Name' (Apple), 'Last Name' (Fruit), 'email' (applefruit912@gmail.com), and 'Admin' status (checkbox). There are buttons for 'Update Details' and 'Update Password'. Below the form are links for 'View User' and 'View All'.

is valid. It checks if the 2 passwords are the same and updates the database.

/includes/users_updatedetails.php

This also takes input from one of the forms in the previous picture. It checks for submitted string length, string already exists in database, and if no errors, updates the database.

/includes/users_create.php

This also only does the form handling. It checks the input for valid strings, queries the database for existing records, then inserts a new record into 'user'.

/includes/users_delete.php

This displays a confirmation message – if you click yes, it goes back to itself, but also appends another GET element called 'confirm', which if detected, will delete the user record from the database instead of displaying the confirmation page.

/includes/users_listusers.php

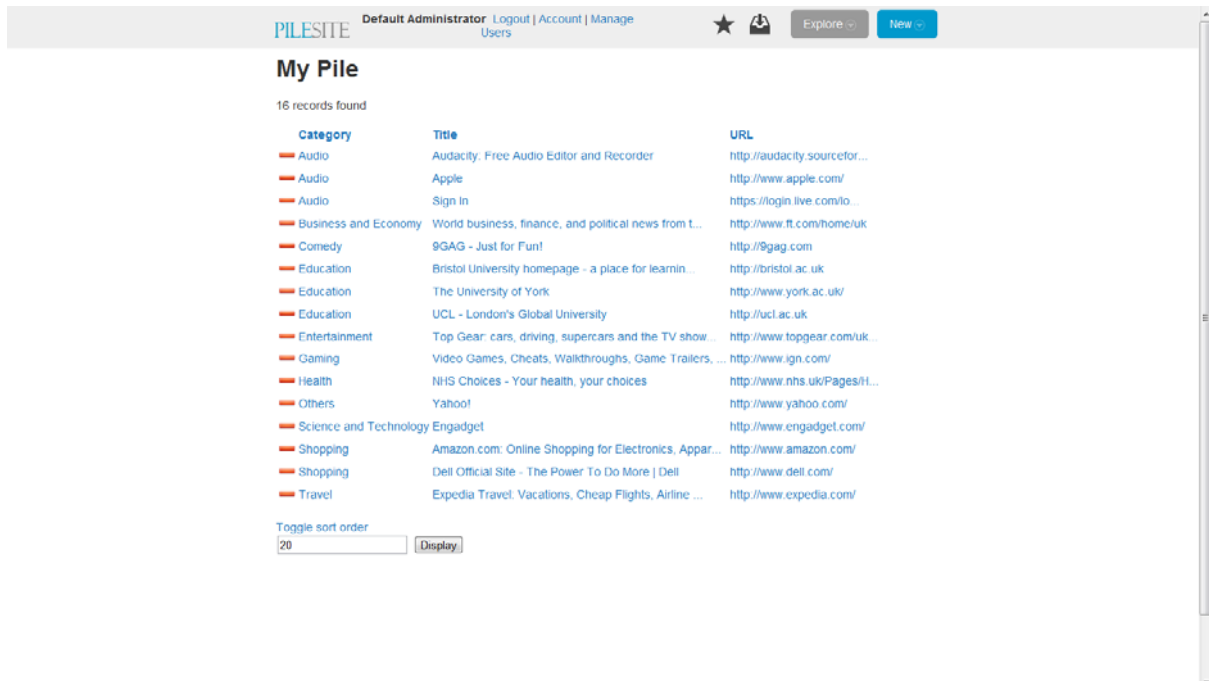
This queries the user table and displays all the users. This based on the example from the book stated at the start of the report.

It first specifies the columns that you can filter by, then goes through the GET values and appends the filter to \$queryparameter if the column name is matched. After running the query based on these filters and other sorting options also defined in the GET. It then goes through each column to display the table head, then a while loop going through the database results and again goes through each of the columns to display the required string/value.

If total records are greater than the defined number to display on page, it does some rudimentary pagination. The records to display is set by a form at the bottom of the page.

Home.php

If 'action' in GET is detected and there's an entry id defined, it deletes the relevant record in 'pile' table, otherwise it includes pile_list.php. This displays the sites in my personal pile.



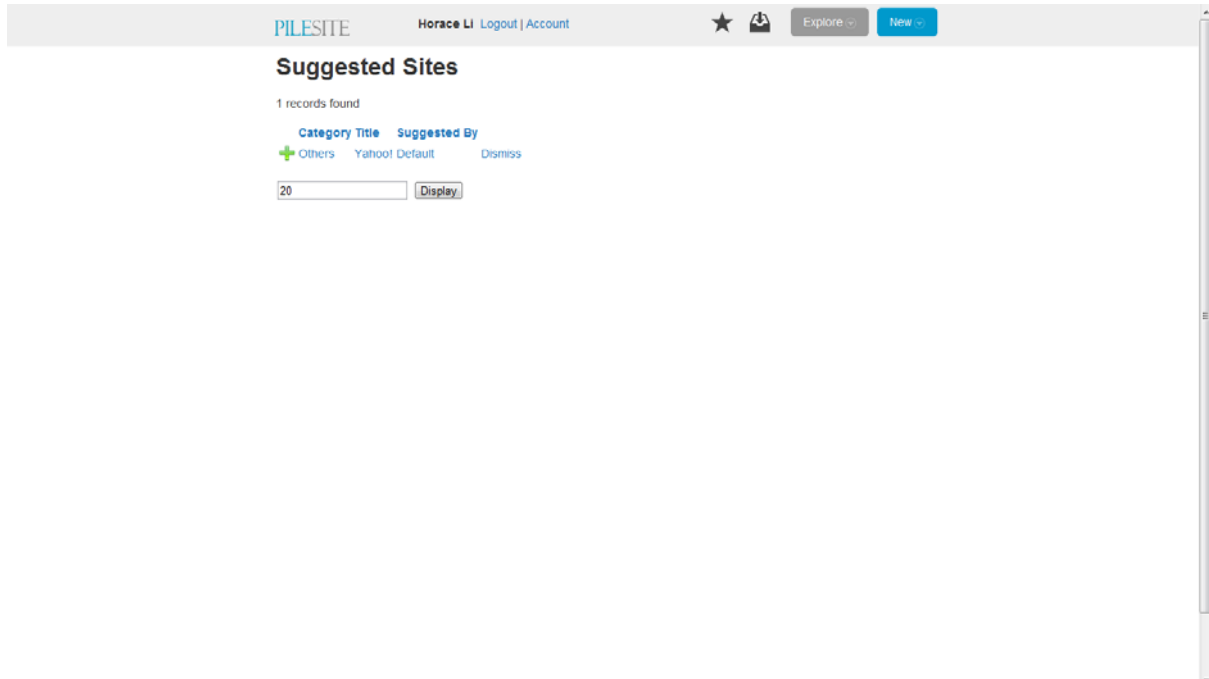
The screenshot shows the 'My Pile' page of the PILESITE application. The page header includes the PILESITE logo, user information (Default Administrator), and navigation links (Logout, Account, Manage Users). There are also buttons for 'Explore' and 'New'. The main content area is titled 'My Pile' and shows '16 records found'. Below this is a table with three columns: Category, Title, and URL. The categories are listed on the left with expandable icons. The table lists various websites including Audacity, Apple, Sign In, World business news, 9GAG, Bristol University, The University of York, UCL, Top Gear, IGN, NHS Choices, Yahoo!, Engadget, Amazon.com, Dell, and Expedia. At the bottom of the table, there is a 'Toggle sort order' dropdown set to '20' and a 'Display' button.

Category	Title	URL
Audio	Audacity: Free Audio Editor and Recorder	http://audacity.sourceforge...
Audio	Apple	http://www.apple.com/
Audio	Sign In	https://login.live.com/lo...
Business and Economy	World business, finance, and political news from L...	http://www.ft.com/home/uk
Comedy	9GAG - Just for Fun!	http://9gag.com
Education	Bristol University homepage - a place for learnin...	http://bristol.ac.uk
Education	The University of York	http://www.york.ac.uk/
Education	UCL - London's Global University	http://ucl.ac.uk
Entertainment	Top Gear: cars, driving, supercars and the TV show...	http://www.topgear.com/uk...
Gaming	Video Games, Cheats, Walkthroughs, Game Trailers, ...	http://www.ign.com/
Health	NHS Choices - Your health, your choices	http://www.nhs.uk/Pages/H...
Others	Yahoo!	http://www.yahoo.com/
Science and Technology	Engadget	http://www.engadget.com/
Shopping	Amazon.com: Online Shopping for Electronics, Appar...	http://www.amazon.com/
Shopping	Dell Official Site - The Power To Do More Dell	http://www.dell.com/
Travel	Expedia Travel: Vacations, Cheap Flights, Airline ...	http://www.expedia.com/

/includes/pile_listpile.php

This is identical to users_listusers.php, except it queries a different table (pile) and the column names and joins are different.

Suggestions.php



The screenshot shows the 'Suggested Sites' page of the PILESITE application. The page header is similar to the previous one, but the user is 'Horace LI'. The main content area is titled 'Suggested Sites' and shows '1 records found'. Below this is a table with three columns: Category, Title, and Suggested By. The table lists one suggestion from 'Others' with the title 'Yahoo! Default'. There is a 'Dismiss' link next to the suggestion. At the bottom of the table, there is a 'Toggle sort order' dropdown set to '20' and a 'Display' button.

Category	Title	Suggested By
Others	Yahoo! Default	Dismiss

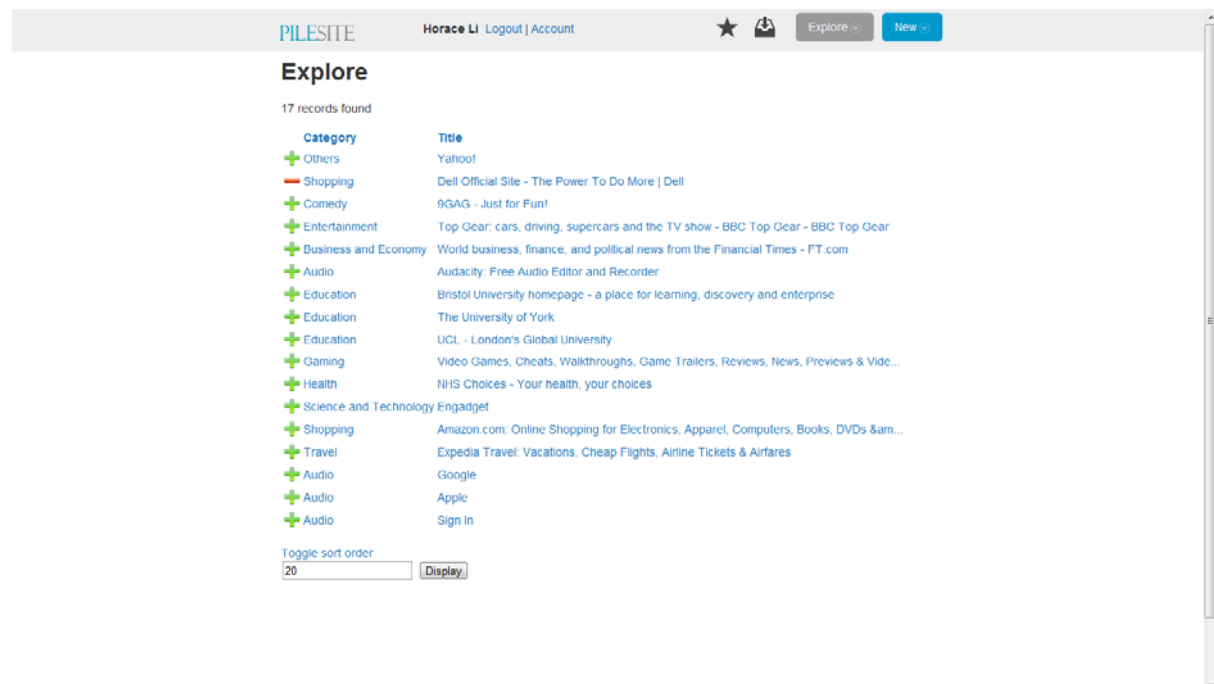
This displays sites suggested to me. This is similar to pile.php, but for a different table. The +/- also adds/removes sites from my pile (pile table), but it also adds a 'Dismiss', which removes entries from the 'suggestsite' table. Again, this is handled by checking for \$_GET['action']. If no action defined, it includes /includes/suggestions_list.php

/includes/suggestions_list.php

This is similar to pile_listpile.php, but it runs 2 main queries – one on suggestsite table to see what sites have been suggested, another on pile to see if the site's already in my pile (to determine the symbol displayed next to the site +/-).

[Sites.php](#)

This can be reached by the explore menu on the header. It lists all the sites in the system. The categories under the explore menu are just links to the same page, but with filters pre applied. It is almost identical to Home.php, but includes a different file to handle the listings. It is also accessible to users who haven't logged in.



/includes/sites_listsites.php

This is similar to to pile_listpile.php, but also runs 2 queries – one to display all the sites that exist and one to check which ones are in my pile.

</global/top.php>

This defines functions to regex match email addresses, put a cap on strings too long, and to get the title and URL of websites submitted. It also enables gzip compression, starts a buffer so we can have headers in the middle of files, and makes the database connection.

/global/files_list.php

This has a list of the links to display in the main menu.