You are designing a small web application that functions as an issue reporting page for an IT company.

The Issue reporting application should have at least two pages.

1. The first page, which we will call the 'Issue' page, allows the user to create an issue entry. In this page display

a. A text box where the user can enter their name

b. A text box where the user can enter their email address

c. A text area where users can enter text regarding the issue they are reporting

c. Submit and reset buttons - the action attribute of this form should point to your PHP program.

2. When a user submits their 'Issue' entry, the data should be saved in a database table by your PHP program. Check in your PHP that you are not allowing empty values from the form to be written into the database table. You need to first create a database table to hold the data from the form. Also, when creating the database, think about how to give unique primary keys to new entries that will be added to the database table from the HTML page (Hint: refer to the Auto Increment option in MySQL, reference provided below).

3. The page that you display to the user after they submit their issue, which we will call the 'Issue View' page, should display all entries that the user has reported this far. These entries should be retrieved from the database. Also, on this page, include a link to the 'Issue' page, so the user can navigate to this page if they wish to create another entry. Remember, this page should be like a regular HTML page, with appropriate use of the DOCTYPE tag and other HTML tags. Rules of HTML5, such as quoting values of attributes, proper nesting of HTML tags, appropriate use of block and inline tags must be followed.

4. You are expected to create a pleasing format. Use CSS for all your formatting styles. The CSS styling is up to you. But, please do not submit a plain page with little or no CSS. You are welcome to use any formatting styles to create a pleasing page. Do not use loud background colors or background images that make the text hard to read on both the 'Issue' page and the 'Issue View' page. Or You can use the basic CSS file provided here and add to it as needed: https://swe.umbc.edu/~zzaidi1/is448/hw3/blog.css

An example screenshot of the first page when user enters an Issue:
https://swe.umbc.edu/~zzaidi1/is448/hw3/HW3_Issue.png

An example screenshot for the second page that displays all the user's issue entries is at:
https://swe.umbc.edu/~zzaidi1/is448/hw3/HW3_IssueList.png

References Auto Increment: http://dev.mysql.com/doc/refman/5.1/en/example-auto increment.html

What to turn in

• You will be submitting HTML, PHP and CSS files in this assignment.

• In the IS448 directory in your sweLatest directory on GL, put all the files related to your homework into sub-directory. Use a unique name for this sub-directory as follows: Your date of birth in DDYY format followed by a hyphen, followed by your UMBC username, followed by a hyphen, and then hw3. So, for example, if your date of birth is June 1, 1980, and your UMBC user name is john1, then your folder name should be 0180-john1- hw3. The idea is to make it unique so other Internet users don't gain access to your homework files.

• Submit a single link to the main HTML page of each exercise in your homework submission. Make sure the link starts with http://swe.umbc.edu/…. Paste this link under the corresponding 'Assignment' link on the Blackboard course web page. Make sure this is a clickable link, i.e., I should be able to click on the link and view the page. You can see instructions on how to create a clickable link in the instructions at the top of the 'Assignments' page on Blackboard.

• Also, zip up all your homework files and upload the zip file also under the corresponding 'Assignment' link on Blackboard.

Grading Total: 25 points

HTML file that displays the create issue text area and use of CSS styles 5 points

Successful database creation and writing/reading from database 5 points

PHP implementation with appropriate calls to MySQL 14 points

Blank index.html placed in both the main is448 folder and within the unique hw folder you created above 1 point