CS/WEB 4000: Dynamic Web Development

Assignment: Resources

Requirements

- Define a resource to be managed by your web application and create a MySQL database table to store the records for the resource.

- Create a directory (named after the resource) to contain a set of PHP scripts that implement resourceful CRUD operations for the resource:
  - **index.php**: By default, display all records for the resource. Display links/buttons on the page to show, edit, and destroy each existing record, and a link to create a new record. Add at least two parameters to the page that filter, search, and/or sort the records. Display links on the page to perform these operations (using query string parameters to inform the PHP script).
  - **show.php**: Display all fields for a single resource record. Indicate the \texttt{id} of the record using a query string parameter.
  - **new.php**: Display an empty form to allow the user to create a new resource record. The form should \texttt{POST} to \texttt{create.php}.
  - **create.php**: Create a new record using the data posted from \texttt{new.php}. Display the new record on the page or redirect to \texttt{show.php} for the record.
  - **edit.php**: Display a pre-filled form to allow the user to edit an existing record. The form should \texttt{POST} to \texttt{update.php}. Indicate the \texttt{id} of the record using a query string parameter.
  - **update.php**: Update an existing record using the data posted from \texttt{edit.php}. Display the updated record on the page or redirect to \texttt{show.php} for the record.
  - **destroy.php**: Delete an existing record. Indicate the \texttt{id} of the record using data posted by the browser (such that \texttt{GET} requests are ignored or have no effect).

- Make your site look professional and presentable. Use valid HTML and CSS to structure and style your pages.

Resources

- Refer to the PHP documentation as needed when completing your assignment.

Submission

- Show your completed assignment to the instructor during class or office hours to receive credit.