

Assignment 1

Basic Web Application

The concept is a way to keep track of chickens name, breed, age, sex. I had larger plans to keep track of egg laying, weight, pecking order and retrieve and image for each chicken.

I had not quite achieved what I was planning for. I thought it was essential to get a basic site running before I tried anything slightly more advance, I was having a lot of difficulty trying to get the site hosted and ran out of time.

I started off using the basic site we had been working on the tutorials, then changed the label titles on the form and in the database. Tutorial config.php (left), my config.php (right)

```
CREATE TABLE works (
  id INT(10) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
  artistname VARCHAR(30) NOT NULL,
  worktitle VARCHAR(50) NOT NULL,
  workdate VARCHAR(30),
  worktype VARCHAR(30),
  date TIMESTAMP
);
```

```
6
7 CREATE TABLE unique_data (
8
9   id INT(10) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
10  chickenname varchar(30) NOT NULL,
11  chickbreed VARCHAR(30) NOT NULL,
12  chicksex VARCHAR(30) NOT NULL,
13  chickhatch VARCHAR(30) NOT NULL,
14  date TIMESTAMP
15 );
```

In the tutorials we had been fowling, there was 4 links in the navigation bar that essentially were the same page.

- Add an art work
- Find an artwork
- Update work
- Delete and artwork

I simplified the example that was given in tutorials. Find, Update and Delete were basically the same page with different functions. I combined them all so you can find and delete in the Update page, to save time for the user and space on the page.



The next step, I created a Style.css file and played around with colors/ and added some images.

I then created the .SQL and created a database in PhpMyAdmin for the 'Local host'. I was having difficulty getting it to work correctly. After some trial and error, the localhost site was sending and receiving data with PhpMyAdmin.

```
Error
Static analysis:
1 errors were found during analysis
1. A comma or a closing bracket was expected. (near "TIMESTAMP" at position 234)

SQL query:
CREATE TABLE chickens ( id INT(10) UNSIGNED AUTO_INCREMENT PRIMARY KEY, chickname VARCHAR(30) NOT NULL, chickbreed VARCHAR(30) NOT NULL, chicksex VARCHAR(30) NOT NULL, chickhatch INT(10), created date TIMESTAMP )

MySQL said:
#1064 - You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'TIMESTAMP
)' at line 1
```

ID: 9
Name: Pectricia
Breed: Bantam
Sex: F
Age: 13/01/2019
Date/Time: 2019-03-27 21:43:39

Edit
Delete

I decided the site was looking good enough for now so I moved on to publishing the site on free hosting site called <https://infinityfree.net>, I uploaded files to FTP, and created a new database on MySQL

New dir New file Upload Java Upload		
UI	Name	Type
	Up ..	
<input type="checkbox"/>	assets	Directory
<input type="checkbox"/>	templates	Directory
<input type="checkbox"/>	common.php	PHP script
<input type="checkbox"/>	create.php	PHP script
<input type="checkbox"/>	delete.php	PHP script
<input type="checkbox"/>	index.php	PHP script
<input type="checkbox"/>	read.php	PHP script
<input type="checkbox"/>	style.php	PHP script
<input type="checkbox"/>	update-work.php	PHP script
<input type="checkbox"/>	update.php	PHP script

Uploading the PHP/CSS was very intuitive and worked without following instructions but getting the SQL to function was a different story. I found this difficult and spent most of my time trying to figure

it out.

I went on YouTube and followed 4 or so tutorials before I found one that explained what I needed to do.

Current Databases				
MySQL DB Name	MySQL User Name	MySQL Password	MySQL Host Name	PHPMyAdmin
epiz_23658448_unique_chicken	epiz_23658448	(Your cPanel Password)	sql110.epizy.com	Admin

I figured it out the username and password from following tutorials. The site went live but it was already past the due time. After a lot of stressing out, I noticed that there is pretty explicit instructions on Bens Github - week 7, that would have been helpful if I noticed it beforehand. I think I have done it a slightly different way but at the end of the day the site is working.