

Goal

In this assignment we are going to combine all the different concepts into one large project. This will require knowledge of:

- HTML
- CSS
- JavaScript
- PHP
- SQL

The result should be a website that allows users to contact you about some product that you are selling. It will require that you create a form that submits messages from a user and saves them in a database.

You will need a second page that displays the messages for all users and allows a user to search for a message from a user.

The main page and the message page should both have custom CSS and the main page should have **at least 5** different JavaScript modifications/effects.

Bonus

If you finish early, try to create a more complicated database, improve the look of the website or add more JavaScript functionality.

General Instructions

Create the HTML/CSS

1. Create the layout for both pages
2. Create the form and inputs for the form on the first page
3. Create the search form on the second page
4. Ensure that the form points to the correct PHP scripts

Create the Database

1. You will need to create
 - a. A new database (Or re-use the one from assignment 3)
 - b. A new user for the database (Or re-use the one from assignment 3)
 - c. A new table within the database for the contacts
2. You will need to allow the user access to the database and remember to flush privileges!

Create the PHP

1. You need to have two PHP scripts:
 - a. One that inserts the data into the database
 - b. One that searches and gets the data from the database and prints it into the table

Functions/Variables You May Need

```
// MYSQL FUNCTIONS //  
mysqli($server, $username, $password, $database);  
prepare();  
bind_param();  
execute();  
fetch_assoc();  
close();  
  
// FORM FUNCTIONS and VARIABLES //  
isset();  
$_POST  
$_GET  
  
// Redirecting Pages  
header();
```