Inspire

What is *Inspire*?

Idea sharing website

    Multiple categories

A website for inspiration

People can post ideas and can browse ideas

Why did I create *Inspire*?

- Hard to come up with new ideas:

  - Inspire is a place to find ideas

- Hard to get your ideas heard:

  - Inspire is a place to share your ideas

What kinds of things are on *Inspire*?

The website is organized into three categories:

Projects - ideas for projects, including IT projects, DIY projects, and school projects.

Media - ideas for books, movies, games, or other media.

Activities - ideas for fun things to do with friends, as well as "Improv" exercises for teams, and team-building activities.

The Making of *Inspire*

The Front-End

HTML - What is on the page

CSS - How it looks

JS - What it does

```html
<form action="submit.php" method="post" id="idea-submission">
  <h1>Your name:</h1>
  <input type="text" name="UserName" />

  <h1>Idea title:</h1>
  <input type="text" name="IdeaTitle" />

  <h1>Idea description:</h1>
  <textarea rows="15" name="Description"></textarea>

  <br/><br/>

  <div style="width: 58%;">
    <div class="align-left">
      <h1 style="float: left;">Pick a category:  </h1>
      <select name="Category">
        <option value="Projects">Projects</option>
        <option value="Activities">Activities</option>
        <option value="Media">Media</option>
      </select>
    </div>

    <div class="align-right">
      <input type="submit" name="submit" value="Submit Idea"/>
    </div>
  </div>

</form>
```

The Back-End

PHP - Server-side programming language that uses the from responses to update a database.

MySQLi - Database that stores the site's data-- ideas, with properties such as UserName, IdeaTitle, Category, and so on.

```php
// Initialize connection variables
$servername = "localhost";
$dbName = "inspire";
$username = "IdeasUser";
$password = "phpsucks";

// Create connection
$conn = new MySQLi($servername, $username, $password, $dbName);

// Check connection
if ($conn->connect_error) {
  die("Connection failed: " . $conn->connect_error);
}

$searchCategory = $_POST["Category"];

if ($searchCategory == "") {
  die("Error: empty search category");
}

$sql = "SELECT * FROM Ideas WHERE Category='" . $searchCategory . "'";

// Run the SQL query against the DB
if (! $result = $conn->query($sql)) {
  die("Error: " . $sql . "<br/>" . $conn->error);
}

// Prepare the page to recieve output
echo "<br/><br/>";
echo '<div class="results-container">';

$currentRowNum = 1;

if ($result->num_rows > 0) {
  // Output the data of each row
```