

Training Day 20 Report

9 July 2025

The twentieth day of Web Development training focused on implementing a search functionality to filter alumni records based on specific criteria such as name, email, or graduation year. This helped improve data accessibility and user interaction within the portal.

1. Creating a Search Form

Developed a simple search interface where users can input keywords to find specific alumni records.

Example Form:

```
<form method="GET" action="">
  <input type="text" name="query" placeholder="Search by name or email">
  <input type="submit" value="Search">
</form>
```

2. Executing Search with SQL

Captured the search term and used it in a SELECT query with the LIKE operator to filter results.

Example Query:

```
$search = $_GET['query'];
$sql = "SELECT * FROM alumni WHERE name LIKE '%$search%' OR email LIKE '%$search%'";
```

3. Hands-on Practice

Added a search bar above the alumni listing table

Modified SQL queries to support keyword-based filtering

Displayed filtered results in the same table layout

Handled cases when no matching records were found

4. Relevance to Project

Search functionality allows users to quickly find specific alumni, making the portal more efficient and user-friendly. It's especially helpful for admins managing large alumni datasets.

5. Learning Outcomes

Learned how to implement search using SQL LIKE

Practiced integrating form input with dynamic queries

Enhanced data accessibility and navigation

Improved overall interactivity of the alumni listing feature

By: Rida

URN: 2302647

CRN: 2315192

D3(CSE-D)