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PHP Web Page Plan (for PRJ2)

Overview:

The web interface will consist of **seven separate PHP pages**:

- index.php: A landing page with links to each of the six queries.
- page1.php through page6.php: Each file runs a specific predefined SQL query and displays the result in a clean, well-formatted HTML table.

This approach avoids dropdowns or dynamic query selection and instead focuses on static, clearly formatted output pages.

Components:

1. Landing Page (index.php)

- A simple list of links to:
    - page1.php: Total Incidents Per Area
    - page2.php: Crimes and Weapons Used
    - page3.php: MO Codes Without Descriptions
    - page4.php: Crimes Per Premises Type
    - page5.php: Top 5 Most Frequent Crime Types
    - page6.php: Crime Count by Reporting District

2. Backend PHP Logic (in each page)

- Use mysqli to connect to the MySQL database.
- Execute the specific .sql query for that page.
- Fetch and display results in a static, well-styled HTML table.
- Error handling for failed connections or query issues.

3. Display Area

- Each pageX.php includes:
    - Page header with a title indicating which query is being run.
    - Query results rendered in a styled HTML table.
    - Optionally, a link back to index.php.

4. Optional Enhancements

- Include a shared CSS stylesheet for consistent table styling (e.g., striped rows, hover effects).
- Use Bootstrap or a light custom CSS layout for readability.

Summary:

This simplified PHP web project will consist of static, easy-to-navigate pages that present each of the six key SQL queries. By avoiding dynamic input controls like dropdowns, the interface aligns directly with instructor feedback and focuses on clean, readable output.