**TRADITIONAL WEBSITE DEVELOPMENT**

**IN THIS PROJECT YOU WILL LEARN THE FOLLOWING:**

1. **HTML, CSS, Bootstrap, JavaScript, PHP, MySQL**
   * Integration of these technologies for web application development.
2. **Database Operations**
   * Creation of a MySQL database (health\_db).
   * Creation of a patient\_records table to store patient information.
3. **CRUD Operations**
   * Inserting new patient records (insert.php).
   * Updating existing patient records (update.php).
   * Deleting patient records (delete.php).
4. **Front-end Development**
   * Designing a navigation bar (nav.php) using Bootstrap.
   * Styling with CSS (css.php), including external libraries like Font Awesome and DataTables.
5. **Dynamic Content Handling**
   * Displaying patient records in a tabular format (home.php).
   * Viewing individual patient details (view.php).
6. **Form Handling and Validation**
   * Creating HTML forms for inserting and updating patient records (insert.php, update.php).
   * Performing basic form validation in PHP to ensure all fields are filled (insert.php, update.php).
7. **JavaScript Integration**
   * Using JavaScript for client-side functionality, including confirmation dialogs for record deletion (home.php, delete.php).
8. **Data Presentation**
   * Utilizing DataTables jQuery plugin for enhanced table functionalities like searching, sorting, and pagination (home.php).
9. **Error Handling**
   * Implementing basic error handling for database connections and queries (connection.php, insert.php, update.php, delete.php).
10. **Responsive Design**
    * Ensuring the application is responsive and mobile-friendly through Bootstrap's grid system (home.php, insert.php, update.php, view.php).

