BRIEFLY EXPLAINING MY PROJECT: <u>ONLINE TAILORING MANAGEMENT SYSTEM</u>

Database Overview:

- **Database Name:** **TAILORING**
- **Server Host:** 127.0.0.1
- **Server Version:** MariaDB 10.4.28
- **PHP Version:** 8.0.28

Tables:

1. **admin**
   - **Columns:**
     - `email`: Stores administrator email addresses.
     - `password`: Stores administrator passwords.
2. **customer**
   - **Columns:**
     - `CustomerID`: Unique identifier for customers.
     - `FirstName`: First name of the customer.
     - `LastName`: Last name of the customer.
     - `Email`: Email address of the customer (unique).
     - `password`: Password of the customer account.
3. **product**
   - **Columns:**
     - `ProductID`: Unique identifier for products.
     - `ProductName`: Name of the product.
     - `Quantity`: Quantity of the product available.
     - `UnitPrice`: Price of the product per unit.
4. **reserves**
   - **Columns:**
     - `reserveID`: Unique identifier for reservations.
     - `CustomerID`: ID of the customer making the reservation.
     - `serviceID`: ID of the service being reserved.
     - `reserveDate`: Date of the reservation.
     - `status`: Status of the reservation (e.g., Pending, Confirmed, Cancelled).
5. **service**
   - **Columns:**

- **`serviceID`**: Unique identifier for services.
- **`name`**: Name of the service.
- **`Price`**: Price of the service.
- **`quantity`**: Quantity of the service available.

6. **users**
   - **Columns:**
     - **`id`**: Unique identifier for users.
     - **`email`**: Email address of the user (not necessarily unique).
     - **`password`**: Password of the user account.

Triggers:

- **AfterDeleteCustomer:**
- Triggered after a delete operation on the **`customer`** table.
- No actions are currently defined for this trigger.

This database contains tables for managing customers, products, reservations, services, administrators, and users. Each table has specific columns to store relevant information, such as names, email addresses, passwords, product details, reservation details, and service details. Additionally, a trigger is defined for the **`customer`** table, although it currently lacks any defined actions.

BRIEFLY USABILITY OF PROJECTS THROUGH CODES

Documentation: Tailoring Project Website

The Tailoring Project website provides users with a platform to explore custom tailoring services, learn about the company, view available products, make reservations, and get in touch with the team. The website is designed to be user-friendly and visually appealing.

Homepage:

- **URL:** `index.php`
- **Description:**
- The homepage welcomes users to the Tailoring Project.
- It features a navigation bar for easy access to different sections of the website.
- A hero section showcases the brand's message with a call-to-action button to encourage users to register.
- **Navigation:**
- Home
- About Us
- Products
- New (Latest Offerings)
- Reserves
- Contact Us
- Sign Up (Dropdown menu with options to register, login, or logout)

Login Page:

- **URL:** `index.php`
- **Description:**
- Allows users to log in to their accounts.
- Provides input fields for email and password.
- Includes a link to the registration page for new users.
- Form submission is validated using JavaScript.
- **Validation:**
- Checks for empty fields.

About Us Page:

- **URL: `about_us.php`**
- **Description:**
- Provides information about the Tailoring Project.
- Describes the mission, services offered, team, and contact details.
- Includes a background image and styled content for an engaging experience.

Product Display Page:

- **URL: `display_product.php`**
- **Description:**
- Displays a list of available products.
- Retrieves product data from the database and presents it in a table format.
- Each product includes details such as name, quantity, and unit price.

Reserves Page:

- **URL: `reserves.php`**
- **Description:**
- Allows users to make reservations for tailoring services.
- Users can select a customer, service, reserve date, and set the status.
- Data is inserted into the database upon submission.

Contact Us Page:

- **URL: `contact_us.php`**
- **Description:**
- Provides a form for users to send messages to the Tailoring Project team.
- Users input their name, email, subject, and message.
- Form submission is validated and then stored in the database.

Registration Page:

- **URL:** `sign_up.php`
- **Description:**
- Allows new users to register for an account.
- Users input their email and password.
- Upon submission, data is inserted into the database.

Logout:

- **Description:**
- Ends the user's session and logs them out of their account.
- Redirects users to the homepage after logout.

Database Connection:

- **Description:**
- Establishes a connection to the MySQL database.
- Includes credentials for server, username, password, and database name.
- Used in various pages to interact with the database for data retrieval and insertion.

CSS Styling:

- **Description:**
- Defines styles for various elements across the website.
- Ensures consistency and enhances visual appeal.
- Includes styling for headers, forms, tables, buttons, and background images.

- **Description:**
- Provides client-side form validation to ensure data integrity.
- Validates input fields for login, registration, and contact form submission.
- Enhances user experience by preventing submission of incomplete or incorrect data.

Conclusion:

The Tailoring Project website offers a seamless user experience with intuitive navigation, informative content, interactive forms, and visually appealing design. Users can explore services, view products, make reservations, and contact the team with ease, making it a convenient platform for custom tailoring needs.