Taco Website Documentation

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# Overview

The Taco Website is designed to provide users with access to a collection of taco recipes and offer a backend system for managing logins. The website has a simple, user-friendly structure divided into two main functionalities: a public-facing recipes page and a secure backend login system for managing user logins.

# **Main Components**

* Main Page
  + Purpose
    - The main page of the website is a public-facing section showcasing various taco recipes.
  + Features
    - Displays a curated list of taco recipes for visitors.
    - Recipes are displayed with titles, descriptions, images, and ingredients.
    - Visitors can browse through different taco recipes without logging in.
* Login Page
  + Purpose
    - Provides users a way to access the backend.
  + Features
    - Contains a simple login form with fields for entering a username and password.
    - User authentication verifies the credentials against the database to determine access permissions.
    - If login is successful, the user is redirected to the backend page for managing logins.
    - If login fails, an error message is displayed, and the user remains on the login page.
* Backend
  + Purpose
    - Allows authorized users to add new logins to the database.
  + Features
    - Accessible only after successful login authentication.
    - Contains a form for adding new user credentials.
    - Validates input to ensure accurate data entry before adding logins to the database.
    - Communicates with the database to store new user login data securely.

# User Flow

* Visitor Access
  + Upon visiting the Taco Website, users are greeted with the main page that displays a collection of taco recipes.
  + Users can explore recipes freely without any need for authentication.
* Login to Backend
  + Users who wish to manage logins must access the login page.
  + Upon entering valid login credentials, users are redirected to the backend page for managing logins.
* Add Logins
  + Once logged in, users gain access to the add login page.
  + Users can input new login details, which are validated and then stored in the database.

# Security Considerations

* User authentication ensures only authorized users can access the backend functionality.

# Conclusion

The Taco Website serves as both a destination for taco enthusiasts to explore and enjoy a collection of taco recipes and as a secure backend platform for managing user logins.