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UNDERSTANDING OF THE PROJECT

Aim:

The goal of this project is to create a laundry management platform that will make it easier to handle laundry operations such as keeping records of balance, payments, invoices, and scheduling laundry delivery and pick up. Both laundry company and customers will be able to efficiently deal with the process of managing laundry in a planned manner that does not inconvenience the customer or put a strain on the company by using this laundry management site.

Key entities:

1. **Personnel -** (Group of people who work for the laundry company)
2. **Customers -** (People who come for a laundry services)

Basic flow of the website:

Customer can walk-in and register his/her laundry services by giving information like name, email, contact number and pay the amount accordingly by the weight of the laundry clothes per lbs. Personnel makes the registration of the customer and a customer_id and order_id to the customer and order are assigned respectively. They weigh the customer clothes and mentions the Total amount to be paid and personnel take questionnaire like type of the service, address and delivery type. Then they mention the date of collection or delivery accordingly to the customer.

Modules:

- **Login:**

  This is the login for each individual personnel with their username, password. After login all the below pages will be shown.

- **Home:**

  This is the initial page will be seen by the personnel. This page has the information of the laundry management services i.e., menu options, contact page and about.

- **Menu options:**

  This page will have the several options like services, personnel customer and payment

records and registration and management of the equipment's. Personnel can insert, delete and update information anytime and save them by a save button.

1. **Management of equipment's**: The personnel will utilize this page to register each washing machine, drying machine, balances, irons and baskets.

2. **Management of Customers/Personnel/Services:**

   This module has the following details.

   o Manage/Register Customer details such as name, id, email, address, contact number, services name, weight of the order, order received date, status of the order, delivery type and payment invoices.

   o Manage/Register Personnel details such as name, personnel id, email id, contact details, joining date, role.

   o Manage/Register the laundry services and their prices according to weight.

3. **Management of Daily Tasks:**

   This module manages the daily tasks of the personnel such as registering customer order details, deliveries, pickups and calls for late services.

- **Contact page:**

  This is a static page has the contact information of the laundry company.

- **About page:**

  This is a static page used for briefing the new customer about the laundry services here in the company.

Technologies we are going to use in the project:

- React
- HTML5
- CSS
- Forms
- JavaScript
- PHP

Platforms to be used:

- XAMPP

Framework to be used:

- LARAVEL (PHP Web Framework)