CS 234 Project Overview
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CRAM

(Car Rentals and Management)

Because we gonna cram as much as possible in a small parking lot.

Github Link:
BassTurtle4/CS234

CLASSES:
Employees: Rental info overview, all user login info and history
Customers: Rental info, Login info, customized user experience
Cars: List of all available cars types, if available, model info, and mileage
Rental Dates: Log of all rentals dates and who rented it
Cost: Price based on car value, time, and mileage

FEATURES:
Login Ability: Login for existing employees and customers, new customer sign-up
Customer Portal: View available cars, request rental, view history
Employee Portal: Create new employee, edit information, view all info and history
Rental Requests
Dynamic Car List

CRAM is a car rentals and management company that provides rental cars to consumers. There will be a Login system that allows you to signup for new customers, or identifies if you are an employee or a customer and directs you to the appropriate portal. The customer portal will show the user the available cars and allow them to filter and request a rental car by type, date, and cost. It will also store historic rental data for them to view in their profile. The employee portal will allow the user to view rental requests, create new employees, and edit rental and customer information as needed. The car list will be updated dynamically. Cars that have been requested or rented will show in the employee portal and be removed from the customer portal.

User Scenario - New Customer
A new customer would create a username and password. Once logged in they would be navigated to the customer portal where they can view the cars available. They can filter the cars by type and base cost. Once a car has been selected they will choose their rental dates and the cost will be updated accordingly. The request will be sent to the employee portal to review and approve. The customer will be able to view their request history in their profile and see if their request is pending or approved.

User Scenario - Employee
Once an employee logs in they will be navigated to the employee portal. From the employee portal they can Add, Edit, and Delete employees, customers, and cars. They can view a list of currently rented cars, approve or deny new requests, and view available cars.