CMB Rentals

CMB Rentals – Interface User Manual

CMB Rentals Inc.

CMPT 291 Group 11

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Introduction

CMB Rentals is a vehicle rental company that has three branch locations: Edmonton, Calgary and Leduc. CMB Rentals' prices vary based on rental length and the vehicle chosen. Should a customer bring their rented vehicle to a branch location different from the one they picked up the vehicle from, an extra fee will be applied. Customers that rent vehicles 3 times within the same year are awarded a Gold star membership, in which they can return vehicles to any branch without being charged the extra fee.

This program provides an interface to the CMB Rentals database. It stores information regarding branches, customers, employees, transactions, cars and car types. It allows users to rent vehicles from their branch of selection under the customer side, and allows employees to manage information, process transactions and generate reports on the employee side.

To traverse throughout the program, users must click on the buttons provided. The back button will always bring you to the previous page in the chain. Every time a button is selected, and a new page must be loaded, a new form will open, closing the previous form. To close the program, the user must return to the Mode Selection page (the first page, lets you select between customer and employee) and click the X button in the top corner.

Customer

In this side of the program, users can rent cars based on their preferences. The first page following the user selecting customer requires the user to enter their User ID, and are prompted with two buttons, one being choose drop-off location of a confirmed rental and the other being a button that brings you to a page to decide the date and time of a new rental. Following this selection, a list of available vehicles will appear, allowing the customer to select one of the vehicles and confirm if they would like to rent it.

Following the user confirming a rental, the transaction will be sent to a list of pending transactions on the employee side, where an employee must confirm the transaction. An email will be issued to the customer following this confirmation, which will state that their rental has been approved.

Employee

In this side of the program, employees can manage multiple aspects of the information in the database. Users can add/delete cars, customers, and employees from the branch of their choosing. They can also view and process transactions, as well as generate PDF reports.

The main employee screen has five buttons to press, three of them being add/delete customers, employees and cars. Each one shows three lists of their respective field, with one list per branch (except the customers screen, which has only a single list of customers). Users can select items which they wish to be deleted, and an add button exists to add a new item to the branch of their choosing.

One of the other buttons on the main form is for viewing/processing transactions. Under transactions, users will see two lists, one being a list of pending transactions, and the other a list of all transactions. The pending transaction list is the one addressed on the previous page. Employees can select which transactions they wish to process, and click a button to process these, in which they will be transferred to the other list.

The final button on the main form allows employees to generate a report. This will be a PDF report, which includes the date, the employees and cars under each branch, along with a list of all customers and all transactions.