CMB Rentals

CMB Rentals – Interface User Manual

CMB Rentals Inc.

CMPT 291 Group 11

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<u>Introduction</u>

CMB Rentals is a vehicle rental company that has three branch locations: _____, _____, and _____. 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. Clicking the close (X) icon on the top corner of any of the forms will close the program, meaning any information not submitted to the database before closing will be lost.

Customer

In this side of the program, users can rent cars based on their preferences
. The first page following the user selecting customer asks the user for a pick-up date, drop-off date and a branch location to pick up the car from. After selecting the button to find a vehicle, 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.

If the customer's vehicle that they selected was not available at their branch of choice, a free upgrade will be issued for their rental. Should they need an upgrade, the total passenger capacity will not be downgraded, but it possibly may be upgraded depending on the rank of the chosen vehicle.

After a customer has confirmed a rental, they must enter their information, including name, email and customer ID. This will keep track of the number of rentals the customer has paid for, and if they have a Gold star membership. Following this, 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 reports of their choosing.

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. 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 reports. They can select which branches, customers, employees and cars to include on the report. They may also select what kind of report they wish to generate: _____. Upon clicking the generate report button, a PDF report will be made available for the users to download.