**Brief guide to Car Rental System!**

***Design***

🡪Enter the option renting out or dropping off a car:

1. Renting out

* Enter your location from one of the locations listed
* Enter the date and time for pick-up and drop off.
* User is provided with the cars currently available at the selected location. Along with the available cars, the user can select from one of the three options available for miles coverage and the total expense.
* If the correct car and mile option is selected, user is presented with a receipt for cost and other details.
* Serving next customer? If there are more customers select “Y”, else “N”.

1. Dropping Off

* Enter your location for drop off
* Enter the car name that is being dropped off
* “Thank you for choosing us! See you soon.”
* Serving next customer? If there are more customers select “Y”, else “N”.

***Validations***

* Pick up and drop off date must be later than current date
* Drop off date must be later than the pick-up date
* Location entered must be from one of the listed locations
* No pick-up occurs if all the cars on that location are already rented out.
* The car is removed from inventory as soon as it is rented out
* The car is added back to inventory as soon as it is dropped off at the correct location.
* Drop off of a car must be same as its pick-up city.