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CSIT-341-01

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Requirement Spec

Function Get Cars by capacity: Car List

Description: Get car list from stocks(CarRental Object) by entering the capacity.

Inputs: The capacity that customers wants.

Outputs: cars_by_capacity — the car array which has capacity same as to input capacity.

Destination: Main control loop.

Action: cars_by_capacity is empty if stock is empty or if there is no cars with capacity same to query capacity. If query(input) capacity is less than 0 , then raise the ValueError Exception.

If receive the input capacity, iterate the member variable **cars** one by one and filter the cars based on capacity.

Precondition: capacity >= 0, self.cars != None and self.cars should be array of Cars

Postcondition: return the Car list which have the capacity same to input capacity

Side effects None.