

Vehicle rental service

This diagram shows a process of renting a vehicle from car rental company. The process starts with rental request from customer with specified vehicle type. If specified vehicle type is available a rental confirmation is requested from customer. Otherwise, alternative type of vehicle is proposed, and customer can decide if he wants to accept it or not. If the rental is confirmed within 15 mins window, the vehicle is reserved and then vehicle rental price and carbon footprint values are computed. In case the selected vehicle is in the meantime reserved by other customer or customer the rental process is cancelled. The customer is then requested to pay for rental within 15 mins and if he succeeds the PIN for vehicle unlock is sent to him and the rental is active. Otherwise, the vehicle reservation is cancelled, and vehicle is available to other customers. After the ride is completed, customer confirms the end of the vehicle rental.

