title Changing rent status of a vehicle

NavigationManager->NavigationManager: setUpFrame();

note right of NavigationManager: switch to DealershipSearch panel

NavigationManager->DealershipSearch: DealershipSearch();

NavigationManager->NavigationManager: changePanel(new DealershipSearch);

DealershipSearch->DealerGroup: getDealerByID(searchTerm.getText);

alt if(getDealerByID(searchTerm.getText()) != null)

note right of DealershipSearch: switch to SpecificDealership panel

NavigationManager->SpecificDealership: SpecificDealership(dealer);

NavigationManager->NavigationManager: changePanel(new SpecificDealership(dealer));

else

note right of DealershipSearch: make invalidSearch label visible

end

alt if (dealer.getVehicleInventory().size() > 0)

note right of SpecificDealership: switch to EditSpecificVehicle panel

NavigationManager->EditSpecificVehicle: EditSpecificVehicle(dealer);

NavigationManager->NavigationManager: changePanel(new EditSpecificVehicle(dealer));

else

note right of SpecificDealership: show message that dealer has no vehicles in inventory

SpecificDealership->JOptionPane: showMessageDialog(...);

end

alt if(dealer.isRenting())

EditSpecificVehicle->Dealership: getVehicleById(selection);

opt: if (vehicle != null)

alt if (vehicle.isRented())

EditSpecificVehicle->Vehicle: setRented(false);

note right of EditSpecificVehicle: set to false

EditSpecificVehicle->JOptionPane: showMessageDialog(...);

else

EditSpecificVehicle->Vehicle: setRented(true);

note right of EditSpecificVehicle: set to true

EditSpecificVehicle->JOptionPane: showMessageDialog(...);

end

end

else

note right of EditSpecificVehicle: Dealer not allowing renting

EditSpecificVehicle->JOptionPane: showMessageDialog(...);

endDiagram

Description automatically generated

title Transferring dealer inventory to another dealer

NavigationManager->NavigationManager: setUpFrame();

note right of NavigationManager: switch to DealershipSearch panel

NavigationManager->DealershipSearch: DealershipSearch();

NavigationManager->NavigationManager: changePanel(new DealershipSearch);

DealershipSearch->DealerGroup: getDealerByID(searchTerm.getText);

alt if(getDealerByID(searchTerm.getText()) != null)

note right of DealershipSearch: switch to SpecificDealership panel

NavigationManager->SpecificDealership: SpecificDealership(dealer);

NavigationManager->NavigationManager: changePanel(new SpecificDealership(dealer));

else

note right of DealershipSearch: make invalidSearch label visible

end

SpecificDealership->DealerGroup: transferInventory(dealer.getDealerID(), transferInventory.getText());

DealerGroup->Dealership: getDealerByID(d1);

DealerGroup->Dealership: getDealerByID(d2);

opt if (dealer2 != null && !d1.equals(d2) && dealer2.isVehicleAcquisition())

DealerGroup->Dealership: setAllVehicleDealerIds(d2);

loop for (Vehicle vehicle : dealer1.getVehicleInventory())

DealerGroup->Dealership: addIncomingVehicle(vehicle);

end

DealerGroup->Dealership: clearInventory();

note right of DealerGroup: return true if transfer DID occur

end

note right of DealerGroup: return false if transfer did NOT occur

note right of JOptionPane: tells user whether transfer was successful or not

SpecificDealership->JOptionPane: showMessageDialog();

Diagram

Description automatically generated with medium confidence