

CabinManager

cc: CabinCopy

cabinID = GetAvailableCabin(passengersNumber)

loop

over all cc's in manager

cabin = GetCabinInfo()

alt

cabin status = Available

opt

passengerNumber < 3
cabin type = Double

passengerNumber == 3 or 4
cabin type = 4-Person

otherwise

cabinID = cabin id

cabinID = cabin id

cabinID = Empty