

۸۱۰۱۹۷۴۶۳	علی باباییگ
۸۱۰۱۹۶۶۸۸	علی بهاری
۸۱۰۱۹۷۶۱۹	سید احسان حسن بیگی بیدگلی

Contract: InitTransitOrder
Operation: InitTransitOrder()
Cross references: Use Cases: Order Transit
Preconditions: <ul style="list-style-type: none"> User is authenticated
Postconditions: <ul style="list-style-type: none"> A new TransitOrder instance t was created. (instance creation) t.time was set to current time (attribute initialization) t.expertExistence was set to True (attribute initialization) t is associated with the user (association created)

Contract: fillForm
Operation: fillForm(src_dest)
Cross references: Use Cases: Order Transit
Preconditions: <ul style="list-style-type: none"> an instance t of TransitOrder must be created
Postconditions: <ul style="list-style-type: none"> t.srcAddress = src_dest.srcAddress; (attribute initialization) t.dstAddress = src_dest.dstAddress; (attribute initialization) t.srcType = src_dest.srcType; (attribute initialization)

Contract: demandExpert
Operation: demandExpert(bool demand)
Cross references: Use Cases: Order Transit, Order Stash
Preconditions: <ul style="list-style-type: none"> an instance o of Order must be created o.srcType == residential
Postconditions: <ul style="list-style-type: none"> o.expertExistence = demand; (attribute modification)

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Contract: fillForm
Operation: fillForm(goods_details)
Cross references: Use Cases: Order Transit, Order Stash
Preconditions: <ul style="list-style-type: none"> ▪ an instance o of Order must be created ▪ o.srcType == residential ▪ o.expertExistence == False
Postconditions: <ul style="list-style-type: none"> ▪ o.goodsVolume = goods_details.goodsVolume; (attribute initialization) ▪ o.goodsType = goods_details.goodsType; (attribute initialization) ▪ o.workersCount = goods_details.workersCount; (attribute initialization)

Contract: bookExpert
Operation: bookExpert(time)
Cross references: Use Cases: Order Transit, Order Stash
Preconditions: <ul style="list-style-type: none"> ▪ an instance o of Order must be created ▪ o.expertExistence == True
Postconditions: <ul style="list-style-type: none"> ▪ an instance e of Expert was associated with o; (association formed) ▪ e.schedule.add(time); (attribute modification)

Contract: bookTransit
Operation: bookTransit(time)
Cross references: Use Cases: Order Transit
Preconditions: <ul style="list-style-type: none"> ▪ an instance t of TransitOrder must be created
Postconditions: <ul style="list-style-type: none"> ▪ t.dispatchTime = time; (attribute modification)

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Contract: confirmDeposit
Operation: confirmDeposit(card_info)
Cross references: Use Cases: Order Transit, Order Stash
Preconditions: <ul style="list-style-type: none"> ▪ an instance o of Order must be created ▪ o.stat == “waiting for deposit”
Postconditions: <ul style="list-style-type: none"> ▪ o.stat = “registered”; (attribute modification)

Contract: demandOffer
Operation: demandOffer(offer, bool demand)
Cross references: Use Cases: Order Transit, Order Stash
Preconditions: <ul style="list-style-type: none"> ▪ an instance o of Order must be created ▪ o.stat == “registered”
Postconditions: <ul style="list-style-type: none"> ▪ if (demand) goto init(offer.order). ((:

Contract: InitStashOrder
Operation: InitStashOrder()
Cross references: Use Cases: Order Stash
Preconditions: <ul style="list-style-type: none"> ▪ User is authenticated
Postconditions: <ul style="list-style-type: none"> ▪ A new StashOrder instance s was created. (instance creation) ▪ s.time was set to current time (attribute initialization) ▪ s.expertExistence was set to True (attribute initialization) ▪ s is associated with the user (association created)

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Contract: fillForm
Operation: fillForm(src_duartion)
Cross references: Use Cases: Order Stash
Preconditions: <ul style="list-style-type: none"> ▪ an instance s of StashOrder must be created
Postconditions: <ul style="list-style-type: none"> ▪ s.srcAddress = src_duration.srcAddress; (attribute initialization) ▪ s.duration = src_duration.duration; (attribute initialization) ▪ s.srcType = src_duration.srcType; (attribute initialization)

Contract: bookStash
Operation: bookStash(time)
Cross references: Use Cases: Order Stash
Preconditions: <ul style="list-style-type: none"> ▪ an instance s of StashOrder must be created
Postconditions: <ul style="list-style-type: none"> ▪ s.dispatchTime = time; (attribute initialization)

Contract: demandDelivery
Operation: demandDelivery(bool demand)
Cross references: Use Cases: Order Stash
Preconditions: <ul style="list-style-type: none"> ▪ an instance s of StashOrder must be created
Postconditions: <ul style="list-style-type: none"> ▪ if (demand) s.deliveryType = “on us” else s.deliveryType = “on customer” (attribute initialization)

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Contract: fillForm
Operation: fillForm(dest)
Cross references: Use Cases: Order Stash
Preconditions: <ul style="list-style-type: none"> ▪ an instance s of StashOrder must be created ▪ s.deliveryType == “on us”
Postconditions: <ul style="list-style-type: none"> ▪ s.dstAddress = dest (attribute initialization)