

Smart Shopping System (Rules)

Person(?p), AmountDeductFromShoppingCard(?p, ?sc) -> hasAlertonMobile(?p, "Amount Deducted with Details")

GroceryStore(?gs), hasTrolley(?tr, ?gs) -> 'TELL 1, 2, hasTrolley'(?gs, ?tr)

hasDrinkSection(?tr, ?dk), hasTrolley(?gs, ?tr) -> hasDrinkSection(?tr, ?dk)

PlaceJuiceBottleInTrolley(?tr, ?jb), hasDrinkSection(?dk, ?tr) -> DetailsDisplayOnScreen(?scr, ?tr)

PlaceWaterBottleInTrolley(?tr, ?wb), hasDrinkSection(?dk, ?tr) -> DetailsDisplayOnScreen(?scr, ?tr)

'TELL 1, 2, hasTrolley'(?gs, ?tr) -> GroceryStore(?gs), hasTrolley(?gs, ?tr)

Person(?p), hasMobilePhone(?p, ?mob) -> hasMobilePhone(?p, ?mob)

Person(?p), hasMobilePhone(?mob, ?p) -> 'TELL 1, 8, hasMobilePhone'(?mob, ?p)

hasMiscSection(?tr, ?mix), hasTrolley(?gs, ?tr) -> hasMiscSection(?mis, ?tr)

PlaceJamJarInTrolley(?tr, ?jj), hasMiscSection(?mix, ?tr) -> DetailsDisplayOnScreen(?scr, ?tr)

SwapInTrolley(?sc, ?tr), hasShoppingCard(?p, ?sc), hasCardAuthorized(?sc, "No") -> TrolleyStatus(?tr, "Lock")

hasDairySection(?tr, ?dy), hasTrolley(?gs, ?tr) -> hasDairySection(?dy, ?tr)

PlaceCreamPackInTrolley(?tr, ?cm), hasDairySection(?dy, ?tr) -> DetailsDisplayOnScreen(?scr, ?tr)

PlaceEggInTrolley(?tr, ?eg), hasBakerySection(?bk, ?tr) -> DetailsDisplayOnScreen(?scr, ?tr)

Person(?p), hasShoppingCard(?p, ?sc) -> hasShoppingCard(?p, ?sc)

GroceryStore(?gs), hasScreen(?tr, ?scr), hasTrolley(?tr, ?gs) -> hasScreen(?tr, ?scr)

Person(?p), ExitGroceryStore(?tr, ?gse), hasProductsInTrolley(?p, ?tr) ->
AmountDeductFromShoppingCard(?p, ?sc)

hasBakerySection(?tr, ?bk), hasTrolley(?gs, ?tr) -> hasBakerySection(?tr, ?bk)

'TELL 1, 8, hasMobilePhone'(?mob, ?p) -> Person(?p), hasMobilePhone(?mob, ?p)

PlaceMilkPackInTrolley(?tr, ?ml), hasDairySection(?dy, ?tr) -> DetailsDisplayOnScreen(?scr, ?tr)

PlaceHoneyJarInTrolley(?tr, ?hj), hasMiscSection(?mix, ?tr) -> DetailsDisplayOnScreen(?scr, ?tr)

PlaceBreadInTrolley(?tr, ?bd), hasBakerySection(?bk, ?tr) -> DetailsDisplayOnScreen(?scr, ?tr)

SwapInTrolley(?sc, ?tr), hasShoppingCard(?p, ?sc), hasCardAuthorized(?sc, "Yes") ->
TrolleyStatus(?tr, "UnLock")

Person(?p), hasMobilePhone(?mob, ?p) -> hasAlertonMobile(?mob, "Amount Deducted")