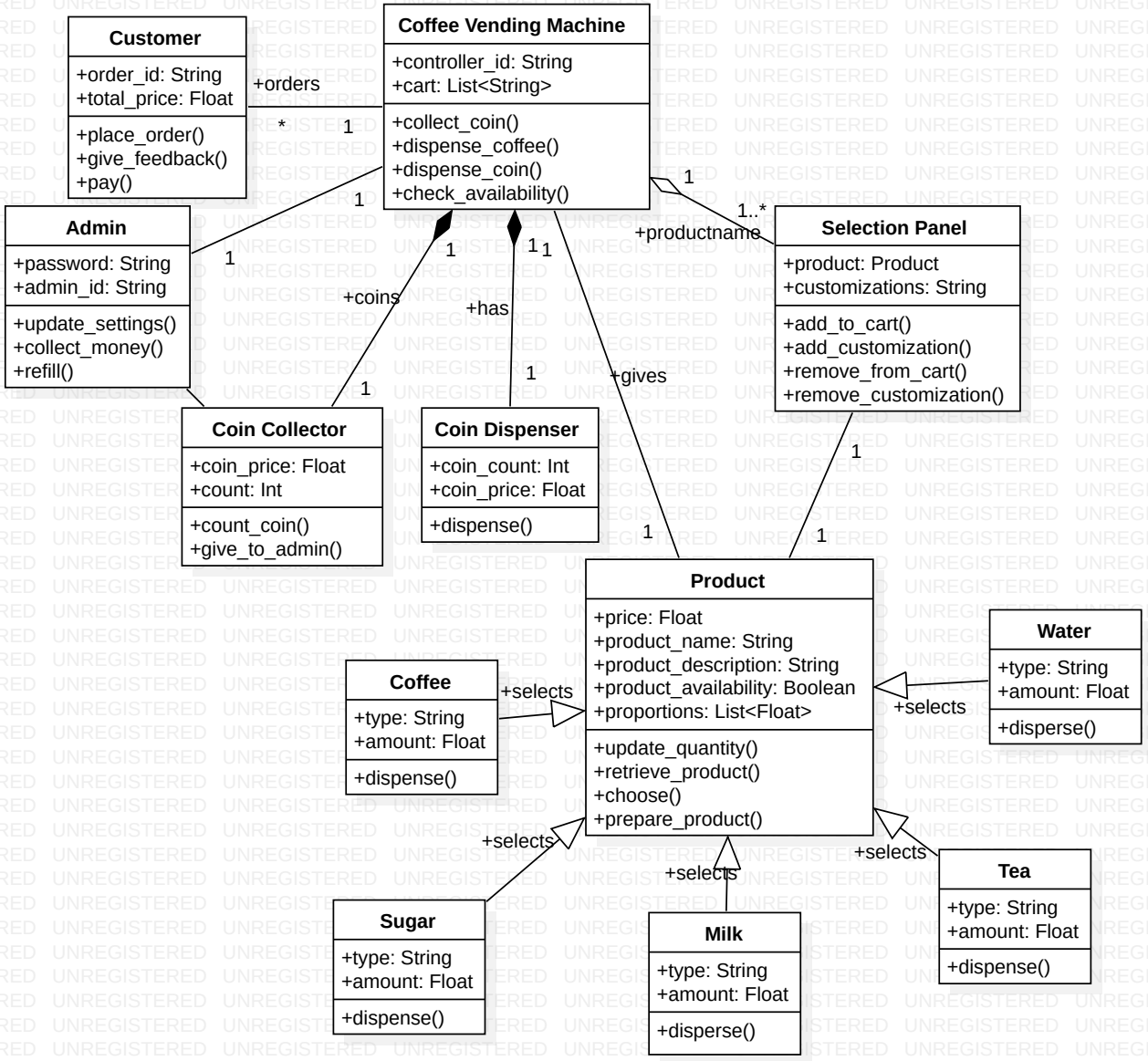
Model: Main


Customer
+order_id: String
+total_price: Float
+place_order()
+give_feedback()
+pay()
+orders
*
1
Coffee Vending Machine
+controller_id: String
+cart: List<String>
+collect_coin()
+dispense_coffee()
+dispense_coin()
+check_availability()
Admin
+password: String
+admin_id: String
+update_settings()
+collect_money()
+refill()
1
1
1
1
1
1
+coins
+has
+gives
1
1
1
1..*
+productname
Selection Panel
+product: Product
+customizations: String
+add_to_cart()
+add_customization()
+remove_from_cart()
+remove_customization()
Coin Collector
+coin_price: Float
+count: Int
+count_coin()
+give_to_admin()
Coin Dispenser
+coin_count: Int
+coin_price: Float
+dispense()
Product
+price: Float
+product_name: String
+product_description: String
+product_availability: Boolean
+proportions: List<Float>
+update_quantity()
+retrieve_product()
+choose()
+prepare_product()
Coffee
+type: String
+amount: Float
+dispense()
+selects
Water
+type: String
+amount: Float
+disperse()
+selects
+selects
+selects
+selects
Sugar
+type: String
+amount: Float
+dispense()
Milk
+type: String
+amount: Float
+disperse()
Tea
+type: String
+amount: Float
+dispense()