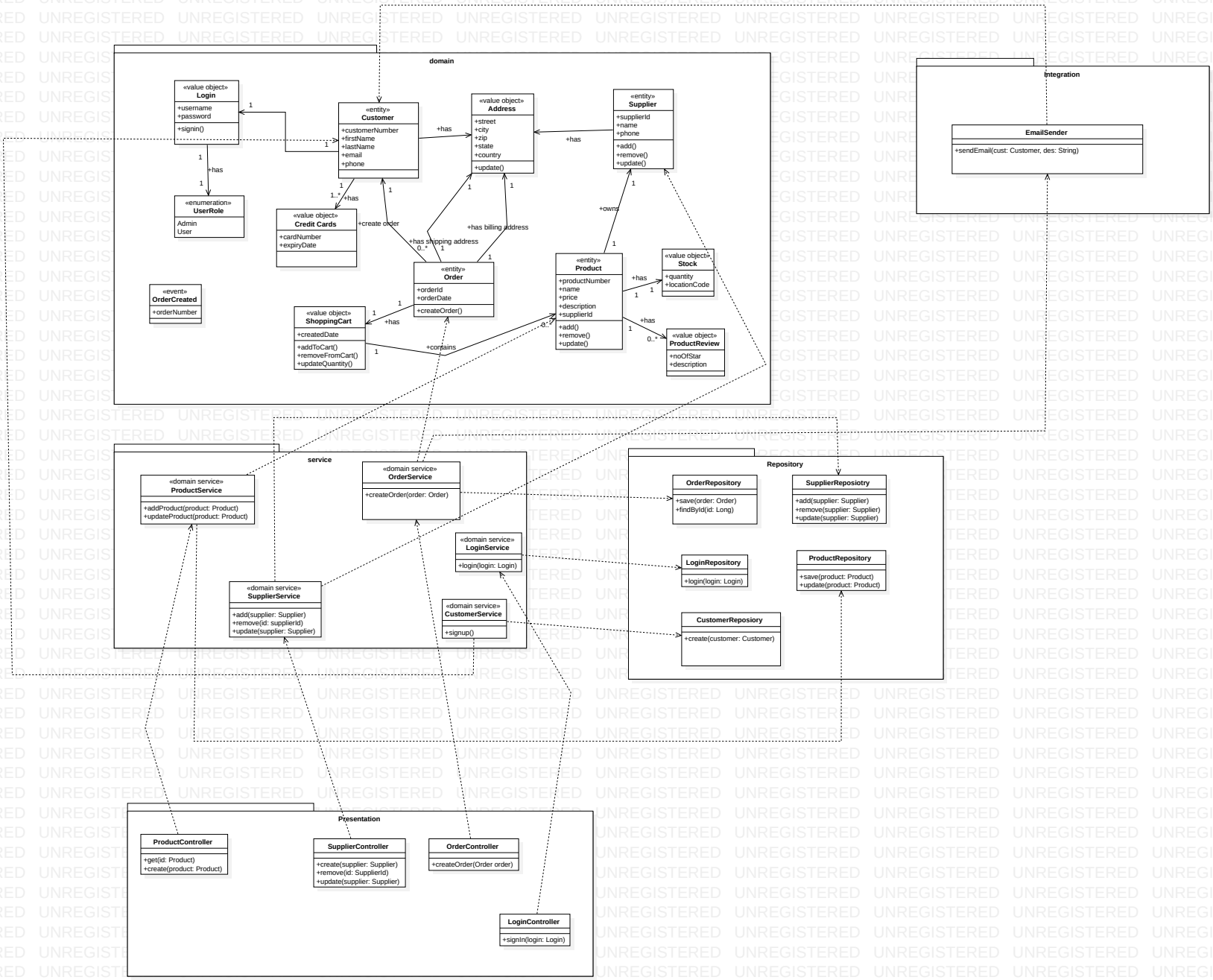
Model.Main


domain
«value object»
Login
+username
+password
+signin()
«entity»
Customer
+customerNumber
+firstName
+lastName
+email
+phone
«value object»
Address
+street
+city
+zip
+state
+country
+update()
«entity»
Supplier
+supplierId
+name
+phone
+add()
+remove()
+update()
+has
«enumeration»
UserRole
Admin
User
«value object»
Credit Cards
+cardNumber
+expiryDate
+create order
+has shipping address
+has billing address
+owns
«entity»
Order
+orderId
+orderDate
+createOrder()
«event»
OrderCreated
+orderNumber
«value object»
ShoppingCart
+createdDate
+addToCart()
+removeFromCart()
+updateQuantity()
+contains
«entity»
Product
+productNumber
+name
+price
+description
+supplierId
+add()
+remove()
+update()
«value object»
Stock
+quantity
+locationCode
«value object»
ProductReview
+noOfStar
+description
Integration
EmailSender
+sendEmail(cust: Customer, des: String)
service
«domain service»
ProductService
+addProduct(product: Product)
+updateProduct(product: Product)
«domain service»
OrderService
+createOrder(order: Order)
«domain service»
LoginService
+login(login: Login)
«domain service»
SupplierService
+add(supplier: Supplier)
+remove(id: supplierId)
+update(supplier: Supplier)
«domain service»
CustomerService
+signup()
Repository
OrderRepository
+save(order: Order)
+findById(id: Long)
SupplierReposiotry
+add(supplier: Supplier)
+remove(supplier: Supplier)
+update(supplier: Supplier)
LoginRepository
+login(login: Login)
ProductRepository
+save(product: Product)
+update(product: Product)
CustomerReposiory
+create(customer: Customer)
Presentation
ProductController
+get(id: Product)
+create(product: Product)
SupplierController
+create(supplier: Supplier)
+remove(id: SupplierId)
+update(supplier: Supplier)
OrderController
+createOrder(Order order)
LoginController
+signIn(login: Login)