

- find nouns:

month

Daily

Report

Copiar código

Artisan

time

List

Lack

Update

Drawback

Product

Attendance

Inventory

MontlyReport

SalesReport

User

system

Record

prices

Sale

Type

Market

Variant

quantity

management

allocation

- List Possible Objects/Classes

Artisan

Product

Attendance

Inventory

MontlyReport

SalesReport

User

- Find attributes for every class

Artisan

~~age~~

id

name

~~attendance~~

~~product~~

~~address~~

~~contact~~

~~number~~

~~email~~

~~number~~

~~products sold~~

List<Product> products

Product

name

unitPrice

~~stock~~

currentStock

~~initial~~

owner

~~description~~

~~materials~~

Attendance

LocalDate date

~~arrivalTime~~

~~departureTime~~

Estructuras: Map, ArrayList

Lectura desde archivo CSV

Inventory

Lista de productos

currentStock

associatedArtisan

~~initialStock~~

~~currentStok~~

~~bestSellingProduct~~

~~outOfStockProducts~~

~~lastUpdateDate~~

MontlyReport

Month

Sales

~~totalProductsSold~~

~~timesFined~~

~~absences~~

~~artisanSalesSummay~~

Lista de ventas

totalSales

totalProductsSold

SalesReport

productName

unitPrice

~~averageDaily~~

~~productsSold~~

quantity

total

date

artisanName

User

user

password

List<Attendance> attendance

- Find actions/methods for every class

Artisan

~~registerProduct()~~

Artisan(String name)

Manejo de productos

(posiblemente) registrarVenta()

~~updatePersonalInformation()~~

~~reviewAttendanceHistory()~~

~~generatePerformanceReport()~~

calcularTotalVentas()

Product

addProduct()

editProduct()

~~updateQuantity()~~

updateStock()

productDetails()

~~editProduct()~~

~~searchProductByName()~~

~~filterProductsByCategory()~~

~~name()~~

~~unitPrice()~~

~~stock()~~

Attendance

registrarAsistencia()

~~recordArrival~~

calcularPenalización()

~~username()~~

~~localDate()~~

~~present()~~

Inventory

~~pdateStock()~~

~~addProduct()~~

~~deleteProduct()~~

~~checkOutStockProduct()~~

actualizarStock()

filtrarProductos()

~~allProducts()~~

~~productByArtisan()~~

generarResumenInventario()

MontlyReport

~~findBestSellingProduct()~~

generarResumenMensual()

~~calculateProductsSold()~~

~~generateArtisanSummary()~~

calcularVentasTotales()

SalesReport

calculateTotalSales()

calculateAverageDaily()

~~quantity()~~

~~date()~~

User

setUser()

validarUsuario()

~~artisan()~~

registrarAsistencia()

- Abstract

Encapsulation

Artisan
- id: int - name: string - products: List<Product>
+ Artisan(String name) + registrarVenta(): void + calcularTotalVentas(): float

Product
- name: string - unitPrice: float - currentStock: int - owner: string
+ addProduct(): void + editProduct(): void + productDetails(): String + updateStock(): void

Attendance
- date: LocalDate
+ registrarAsistencia(): void + calcularPenalización(): float

SalesReport
- productName: String - unitPrice: float - quantity: int - total: float - date: LocalDate - artisanName: String
+ calculateTotalSales(): float + calculateAverageDaily(): float

MontlyReport
- month: String
+ calcularVentasTotales(): float + generarResumenMensual(): String

Inventory
- productList: List<Product> - associatedArtisan: String
+ actualizarStock(): void + generarResumenInventario(): String

User
- user: String - password: String - attendance: List<Attendance>
+ setUser(): void + validarUsuario(): boolean