



DATA STRUCTURE PROJECT

DS pharmacy system



Project Idea and Aims:

STRUCTURING A «PHARMACY DATA STORING SYSTEM »
THAT CONTAINS TWO EMPLOYEES: THE FIRST IS THE
PHARMACIST, AND THE SECOND IS THE ASSISTANT WHO
HELPS CUSTOMERS TO CHOOSE PRODUCTS FORM
SEVERAL SECTIONS: BEAUTY, CARE, MEDICAL SUPPLIES,
MEDICATIONS
EACH SECTION HAS SPECIFIC PRODUCTS

Project Functionalities/Tasks:

- EMPLOYEES CLASS—TAKES THE EMPLOYEE'S NAME, ID, GENDER, AND JOB: DEFINED IN THE MAIN BY SENDING THEM TO THE EMPLOYEE CLASS AS OBJECTS
- PRODUCT CLASS-- STORES THE PRODUCTS
 INFORMATION THAT REGISTER ACCORDING TO THE
 PRODUCT THAT IS SENT TO THE PRODUCTS CLASS BY
 THE MAIN CLASS
 - -- HAS THE METHODS THAT ARE APPLIED ON THE ARRAY THAT IS SENT (BINARY SEARCH, INSERTION SORT)
- MAIN CLASS (DS PHARMACY): CONTAINS SEVERAL ARRAYS THAT CONTAIN THE SECTIONS OF THE PHARMACY, AND THE PRODUCTS IN EACH SECTION

 ALSO THE EMPLOYEES OBJECTS ARE DEFINED AND SENT TO THE EMOLYEES CLASS
 - -- CALLING THE METHODS WITH THE ARRAY THAT HAS TO BE IMPLEMENTED ON BY THEM -- PRINTING OUR PHARMACY COMPONENTS



	[Welcome to DS pharmacy]
	ere is a list of our provided products and their sections:
	ections: Beauty, Care, Medical Supplies, Medications.
	eauty Section has: Makeup, Nails products, Hair dye, Eyes lenses.
C	are Section has: Products for body, Products for skin care, Products for hair, Makeup removers.
M	edical Supplies Section has: First aid materials, Wheel chairs, Measuring devices, Hot&Cold Bags.
	edications Section has: Prescribed medications, Non-Prescribed medications, Sore throat Candies, Vitamins
0	ur Pharmacist "Omar Ahmad" AND our Assistant "Anas Turki" will be happy to serve you!∼
_	[Implementing sort & search]
	~~~~~~~~
٠.	insertion sort
	The sections array after sorting:
	eauty are
_	edical Supplies
	edications
~	The Beauty Section array after sorting:
E	yes lenses
	air dye
	akeup
N	ails products
	The careSection array after sort:
	akeup removers
	roducts for body
0.0	roducts for hair roducts for skin care
-	roducts for skin care
*	The medicalSuppliesSection array after sorting:
	First aid materials
+	Hot&Cold Bags
	Measuring devices
	Wheel chairs
	The medicationsSection array after sort:
į.	Non-Prescribed medications
. N F	Prescribed medications Sore throat Candies

1.00

# HTMLs of javadoc:

FILE:///USERS/JOODALTHAGAFI./DOWNLOADS/PROJECTDS.HTML

FILE:///USERS/JOODALTHAGAFI./DOWNLOADS/EMPLOYEES%20(1).H TML

FILE:///USERS/JOODALTHAGAFI./DOWNLOADS/PRODUCT%20(1).HT ML

#### (دانة الرمضاني حنين المالكي) (سارة العوفي (سارة الفيفي تاله عقيل Group work & Members info 442013216 (442013346) 443006431) (443016595) (443002606) main class **Employees class Products class** Readme.txt **JavaDoc Report** Presentation