
LAB 04 TASKS

Prepared by:
Mohammad Anas Jawad
Lecturer, IUT CSE



Department of Computer Science and Engineering
Islamic University of Technology
January 31, 2023

Contents

1 Pharmacy Management System	3
-------------------------------------	----------

Note: Plagiarism will be severely penalized.

GENERAL INSTRUCTIONS

Create a java application project naming it as Lab04_Group_ID where group is your lab group and ID is your student ID (e.g., Lab04_1A_12345678). If there are multiple tasks, you don't have to create separate projects for each task. A single project should contain all the .java files that would be necessary to satisfy all the tasks given here. For submission, package your project in a zip file and upload it to google classroom.

1 PHARMACY MANAGEMENT SYSTEM

Your task for this lab is to implement a pharmacy management system. The application will be used by both the shop owner and the customer. As such, there will be an **Owner** portal and a **Customer** portal. Initially, customers will give their information like age, blood group, medical history, etc. Customers should be asked how many medicine types they want to buy and for how many days they require the medicine. Then they will give input for their medicines in the following format:

Med_A 1+0+1

Med_B 0+0+1

(Here, 1+0+1 implies that the customer needs 2 Med_A tablets daily.)

Your task is to generate a unique customer ID using the current date, blood group, and age of the customer. An example of the generated customer ID is as follows:

31.01.0+ve.01

(Here, 31.01 is the date, 0+ve is the blood group, 01 is the current customer count.)

You will also have to show the number of medicines of each type the customer needs. For example, if a customer needs Med_A of dosage 1+0+1 for 30 days, your program should output the following:

Med_A: 60