# Project Title:

**Café Shop Management System Using JavaFXML**

# Motivation:

I chose to build this café shop management system to make everyday tasks in a café easier, faster, and more organized. Managing a café manually can be time-consuming and error-prone. By creating a digital system, I aim to help café owners handle everything from customer registration to inventory and product management in one simple platform. This system will reduce workload, improve accuracy, and support better decision-making with real-time data.

# Project Features (Detailed Description):

a) **User Authentication**

   i.   Secure **Login** and **Sign-Up** functionality to protect access.
   ii.  Ensures only authorized users can manage the system.

b) **Dashboard Overview**

   i.   A clean dashboard showing total customers, daily income, and other key café metrics.
   ii.  Helps the owner quickly understand the performance of the café.

c) **Product Management**

   i.    Add, update, or delete products with ease.
   ii.   Customize product details like ID, name, price, and availability.
   iii.  Helps in keeping product information accurate and up-to-date.

d) **Inventory Tracking**

   i.    Keep track of available stock and manage inventory levels.
   ii.   Add new stock or update existing stock as needed.
   iii.  Avoids running out of important items and reduces waste.

e) **Menu Management**

   i.    Add, edit, or delete café menu items.
   ii.   Organize food and drink offerings clearly for customers.
   iii.  Makes it easy to change the menu based on seasons or customer demand.

f) **Customer Management**

   i.   Register new customers into the system.

ii.     Track customer visits and behavior over time.

iii.    Useful for offering promotions, loyalty rewards, or understanding customer preferences.

g) **User-Friendly Interface**

i.     Built with **JavaFXML** for a responsive and modern UI.

ii.     Makes it easy for staff or managers to use the system without special training.