

Inventory Module - Instructions

System Overview

- In-memory only (no database).
- Two modes: Graphical User Interface (GUI) and Command Line Interface (CLI).
- Supports managing categories, products, discounts, item status, and generating reports.
- Option to load demo data on startup.

Prerequisites

- Java Runtime Environment (JRE) version 17 or above.

How to Run the System

- Locate: release/adss2025_v01.jar
- Double-click the JAR file, or run it manually in terminal:
`java -jar release/adss2025_v01.jar`
- Choose Interface:
 - 1 -> CLI (text mode)
 - 2 -> GUI (window mode)
- Optionally choose to load demo data.

Using the System

- View inventory and low stock items.
- Update item quantities easily.
- Mark items as DAMAGED or EXPIRED.
- Generate inventory reports.
- Export inventory data to TXT or CSV files.

Sample Demo Data

- Categories:
 - Dairy (Milk, Yogurt)
 - Snacks
 - Drinks
 - Toiletries (Shampoo, Conditioner)
- Products:
 - Tnuva Milk 1L
 - Choco Milk
 - Yolo Yogurt

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- Doritos
- Tapuchips BBQ
- Tnuva Cheese 250g
- Prigat Orange Juice 1L
- Milky Chocolate
- Dove Shampoo 400ml
- Herbal Essence Conditioner
- Strawberry Yogurt
- Prigat Apple Juice 1L
- Bamba
- Discounts:
 - 10% off Tnuva Milk 1L
 - 20% off Snacks category
 - 15% off Dove Shampoo
 - 5% off Drinks category