# **Medical Store Inventory System**

### **Deliverable 1**

### **Team: IntelliWare**

### **Team Members:**

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* Mustafa Iqbal – 22i-1139 Team Lead

### **Submission Date: 28 February**

## Module for Sprint 1

The first module to be developed in Sprint 1 is the \*\*Inventory Management Module\*\*. This module will allow the medical store to add, update, delete, and view stock levels of medicines.

## User Stories for Sprint 1

### User Story 1: Add New Medicine

As a \*\*pharmacist\*\*, I want to \*\*add new medicines to the inventory\*\*, so that I can \*\*keep track of available stock and update prices accordingly\*\*.

#### Sub User Stories:

- As a pharmacist, I want to enter medicine details (name, category, price, expiry date) when adding new stock.

- As a pharmacist, I want the system to validate input fields before saving.

- As a pharmacist, I want to receive a confirmation message after successfully adding a new medicine.

### User Story 2: Update Medicine Information

As a \*\*pharmacist\*\*, I want to \*\*update existing medicine details\*\*, so that I can \*\*keep the stock information accurate and up to date\*\*.

### User Story 3: Delete Expired Medicines

As a \*\*store manager\*\*, I want to \*\*remove expired medicines from the system\*\*, so that I can \*\*ensure no expired products are sold to customers\*\*.

## Structured Specifications for User Story: Add New Medicine

\*\*Precondition:\*\* The user must be logged in as a pharmacist.

\*\*Trigger:\*\* The pharmacist selects 'Add Medicine' from the inventory management menu.

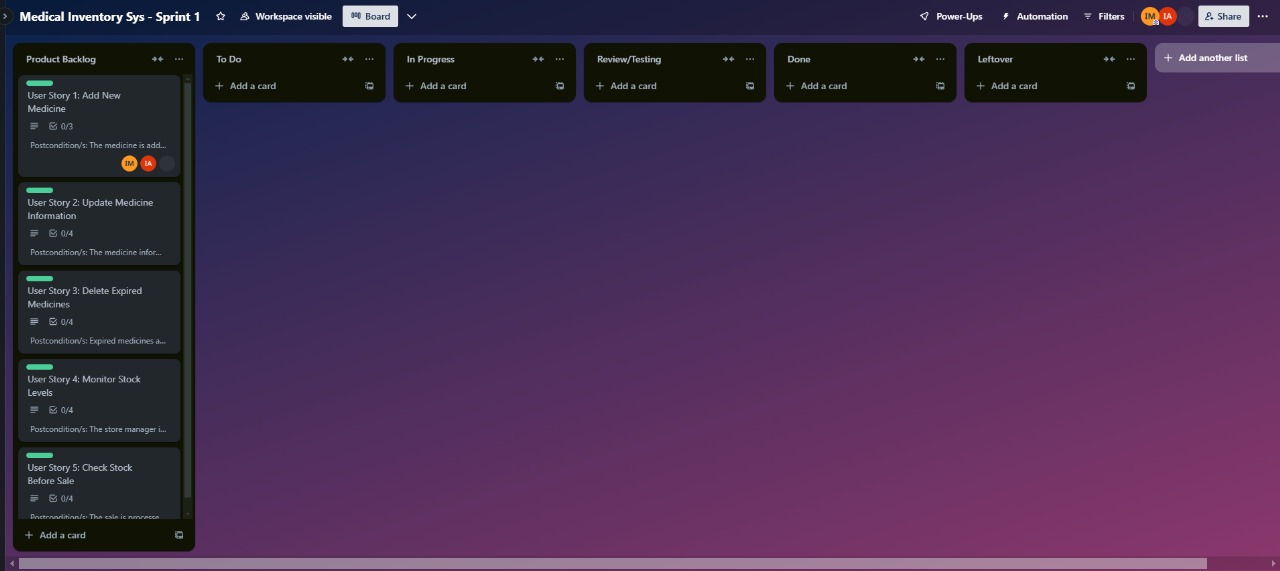
\*\*Normal Flow:\*\* 1. The system displays an input form.  
2. The pharmacist enters medicine details.  
3. The system validates the input.  
4. If valid, the system adds the medicine and displays a success message.

\*\*Postcondition:\*\* The medicine is added to the inventory database and is available for stock tracking.

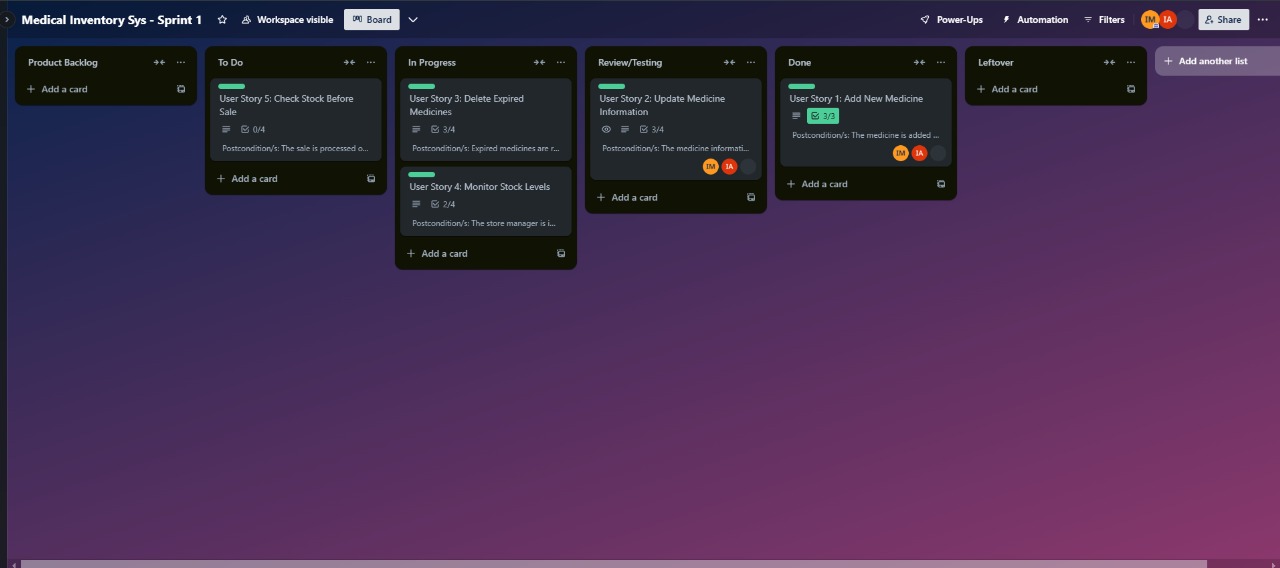
## Scrum Board Snapshots

The Trello board will be used to track the Sprint 1 backlog. Below are the required three snapshots:

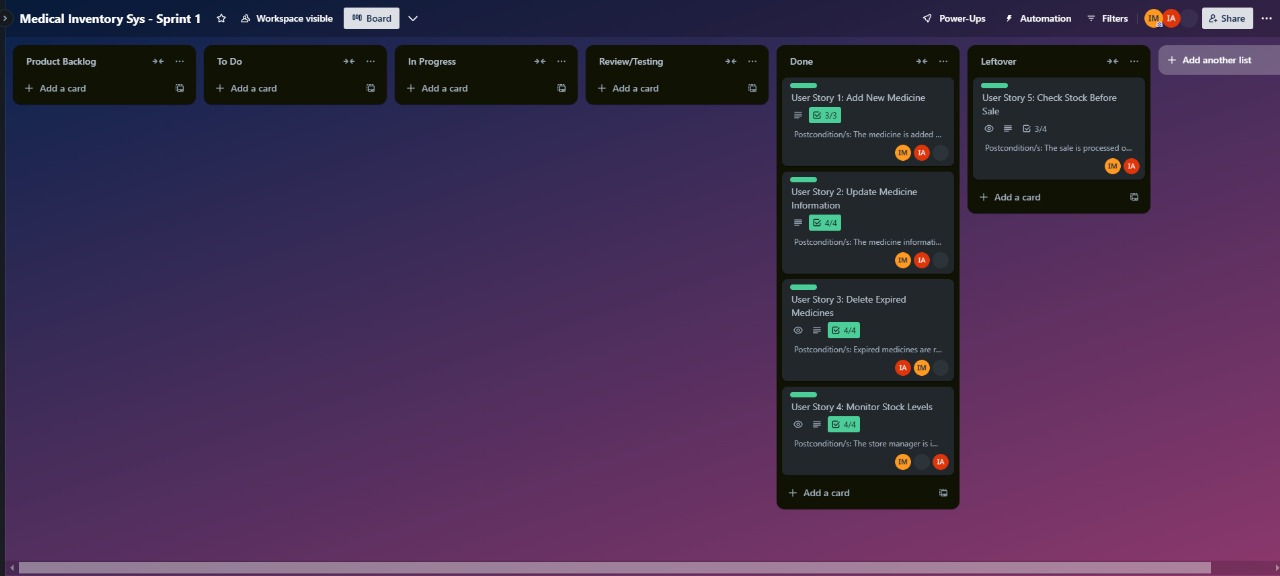
- \*\*Snapshot 1\*\*: Initial backlog uploaded.

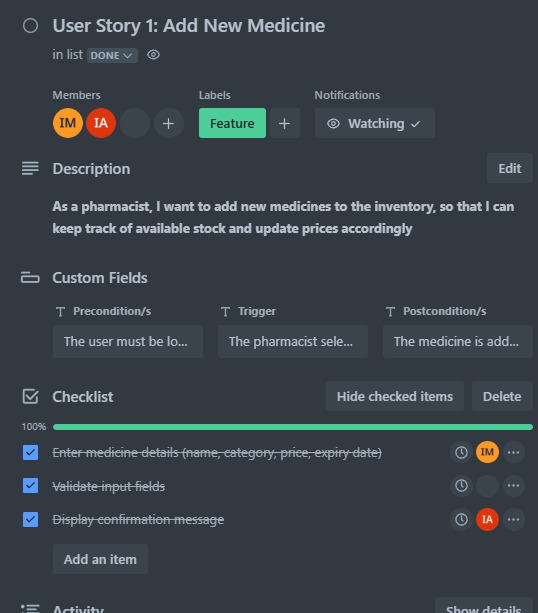


- \*\*Snapshot 2\*\*: Mid-sprint progress with half of the tasks completed.



- \*\*Snapshot 3\*\*: End of sprint showing completed and leftover tasks.

Card Example



## Sprint 1 Product Burndown Chart

The burndown chart below shows the planned versus completed tasks over the 10-day sprint duration.

