

## Lab 08

### Agenda:

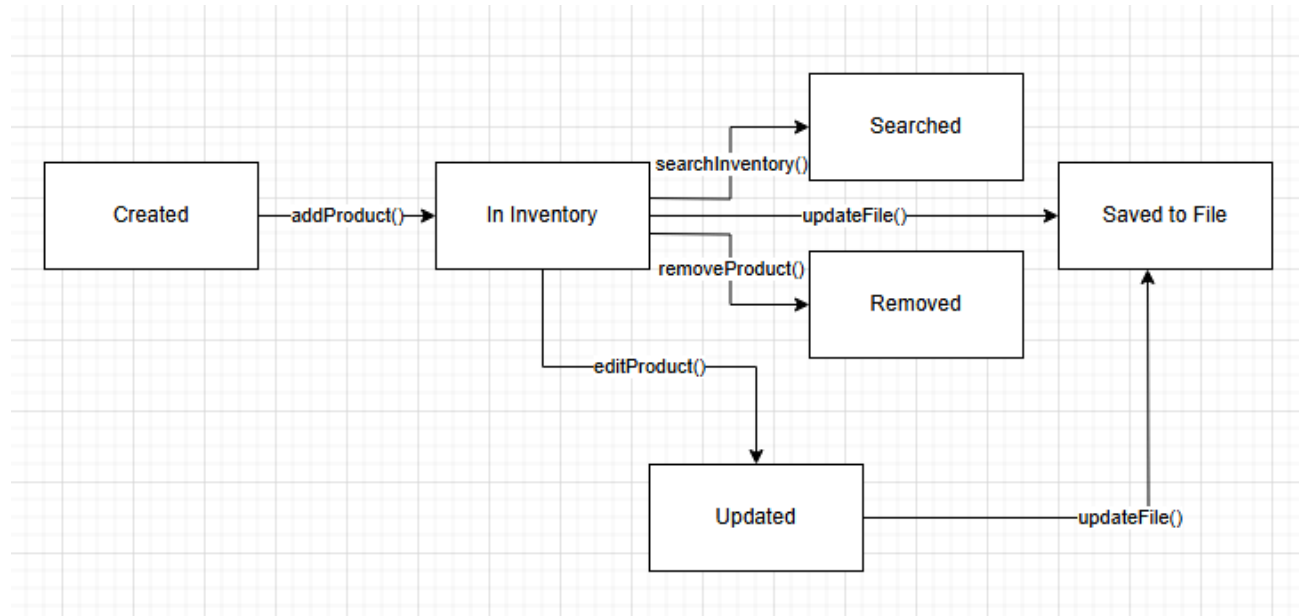
- 1) Will go through all the test cases
- 2) Talk about the Statechart Diagram
- 3) Go over our iteration 1 product deliverables and estimations
- 4) Show current code/current progress
- 5) Discuss progress and burn down chart
- 6) Walk through our user stories and discuss priorities
- 7) Ask Questions

### Agenda for Next week:

- 1) Show build files and scripts for the project
- 2) Demonstrate our fully functional version control system
- 3) Demonstrate the main trunk of work and any branches
- 4) Our test for a feature that we have yet to complete
- 5) Talk about our project board and burn down chart
- 6) Show screenshots of our current project
- 7) Presenting Unit tests deliverables
- 8) Questions

**Would like to see name, price, stock, description, at least three domain specific features**

## Statechart Diagram



## Iteration 1 product deliverables and/or updated estimates

### Product Deliverables

- **Example Database Setup** – A temporary database was implemented to store and manage product information.
- **Search Functionality** – Allows users to search and locate products by either SKU number or product name
- **Inventory Management** – Users can add, edit, and remove products from the database.
- **User Interface** – Simple and functional UI created for easy navigation.

### Updated Estimates

Add/Edit/Remove from Database Planned: **(4 Days)** | Adding a product took slightly longer as we incorporated a feature to add products by reading from a text file.

Test Cases & Testing overall code

## **Iteration 2 User Stories**

### **Login** (Current Priority: 30)

“As an admin, I want a login feature so that users can have a secure account and be able to buy games or toys from my inventory.”

### **Inventory Purchasing** (Current Priority: 50)

“As a store employee, I want to mark items as sold (Instead of completely removing the product) when processing transactions.”

### **Sort/Filter Function** (Current Priority: 20)

“As a customer, I want to filter the products by relevance, category, price range, and rating so that I can easily find items that meet my preferences and budget.”

### **Overview Of Inventory** (Current Priority: 10)

“As a store manager, I want to see an overview of the current inventory, including the quantity, cost, and status of each item, so that I can make informed decisions about restocking and pricing.”

Burn down chart

