TO DO LIST:

Initial DEMO of User Interface using Maven

Design diagrams (e.g., Design Class diagram, Sequence/Communication diagrams - 3 per each team member, package diagram if suitable).

GRASP - justify why system operation in a given class

Test coverage plan

~~Updated project plan (Gantt)~~

~~Linked issue tracking system and git~~

~~revised iteration 1~~

~~suggested point redistribution~~

~~timecards report~~

~~the revised analysis~~

Runtime Terror - Nozama

Project Vision:

This software will benefit the user because it will allow for easy management of an online store's inventory, allowing the store to add/remove items, keep track of the total inventory, keep track of orders. The system will manage the store's inventory allowing the employees to focus on other tasks. The main stakeholders for this project are the customers of the store and the store's employees. The customers will only be able to purchase the items if they are in stock, and the employees will need to know if stock is getting low so that they can order more. The system will have a GUI that allows for the user to look up an item by an ID number and see its stock, a general description, and make a purchase. The software will also need to keep track of the items that the customer has added to their cart, to enable the purchase of multiple items.

Website Link w/ Link to GitHub and Issue Tracking:

https://runtimeterrorbu.github.io/Nozama/

Group Members w/ Timecard:

Ashley Bickham:

- FIX hours worked
- FIX total commits

Joshua Hunter (Project Leader):

- FIX hours worked
- FIX total commits

Austin Lehman:

- FIX hours worked
- FIX total commits

Tyler Ross:

- FIX hours worked
- FIX total commits

**All commits at: https://github.com/RuntimeTerrorBU/Nozama/commits/gh-pages*

Revised Analysis:

This software that we are creating will be beneficial to those who use it because it allows for easy management of an online store's inventory, permits the store to add or remove items, keep track of the total inventory that the store has, as well as monitor orders placed through the store. The system we create will supervise the store's inventory, which will make it easier for employees to focus on other tasks in order to make the company as efficient as possible, since one of the main stakeholders of this project is the company, as well as its customers. The software should permit the customers to purchase items that are in stock, keep track of these items, and for the employees to restock items. The GUI included in the system lets a customer look up an item on the store by its ID number and will provide in return the stock of the item, a general description of the item, and the option for the user to purchase the item. This iteration of the project, we focused more on code and program development, as well as monitoring these changes through GitHub and documentation of our work. Through GitHub, we have all been able to work on similar files that are able to be changed collectively each time someone pushes a change to the website.

DEMO of User Interface using Maven:

FIX

Design diagrams

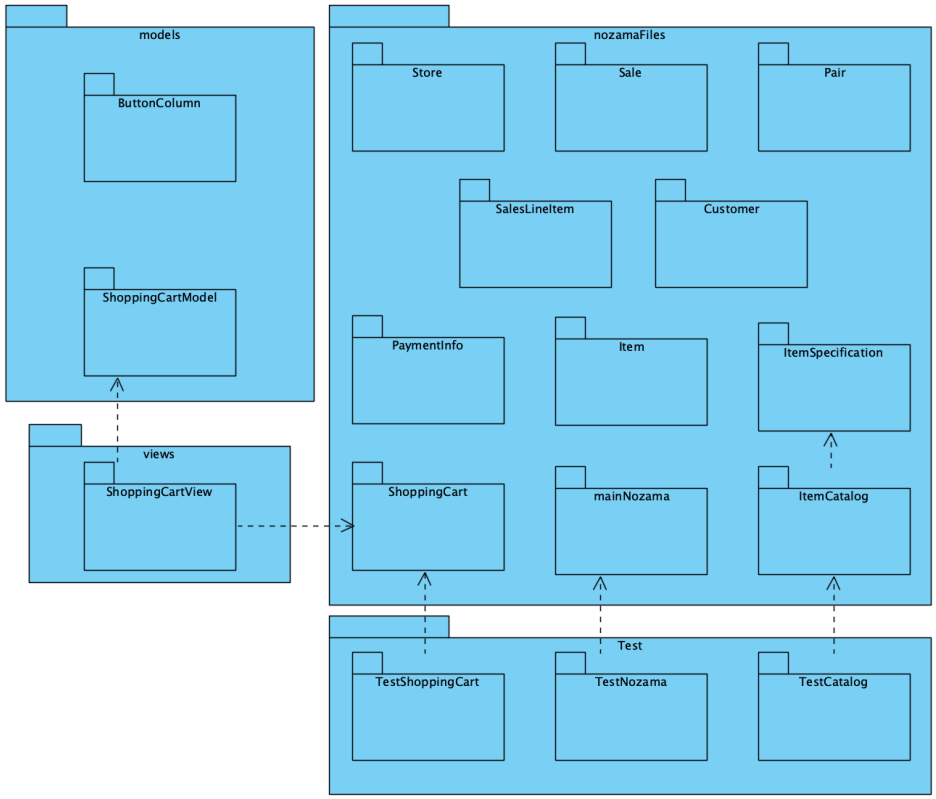
Design Class diagram:

FIX

Sequence Diagrams:

FIX

Package Diagram/Architecture:



GRASP Patterns:

FIX

Test coverage plan:

FIX

Updated Gantt Chart for Iteration 2

Runtime Terror Gantt Chart

SIMPLE GANTT CHART by Vertex42.com
https://www.vertex42.com/ExcelTemplates/simple-gantt-chart.html

CSI 3471
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Wed, 3/3/2021

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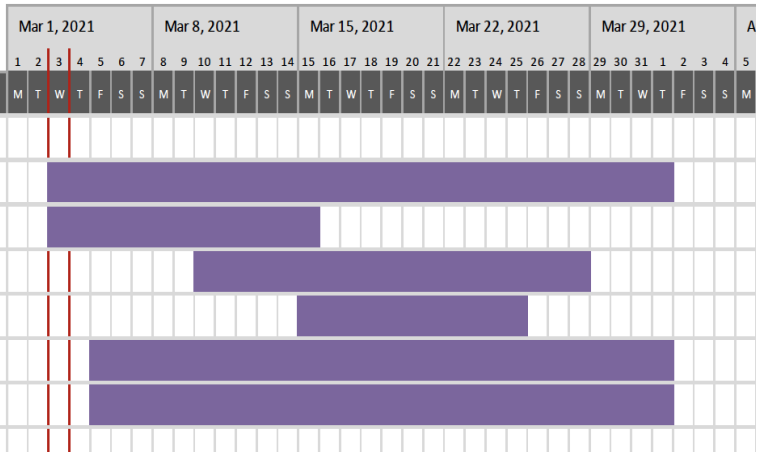
TASK	START	END
Iteration 2		
Demo of User Interface	3/3/21	4/1/21
Design Class Diagram	3/3/21	3/15/21
Design Sequence/Communication Diagrams	3/10/21	3/28/21
GRASP	3/15/21	3/25/21
Update Website	3/5/21	4/1/21
Update Powerpoint	3/5/21	4/1/21



Linked Issue Tracking System/GIT

https://github.com/RuntimeTerrorBU/Nozama/

Sample Open and Closed Issues - Mid Project (Figure 1 & Figure 2)

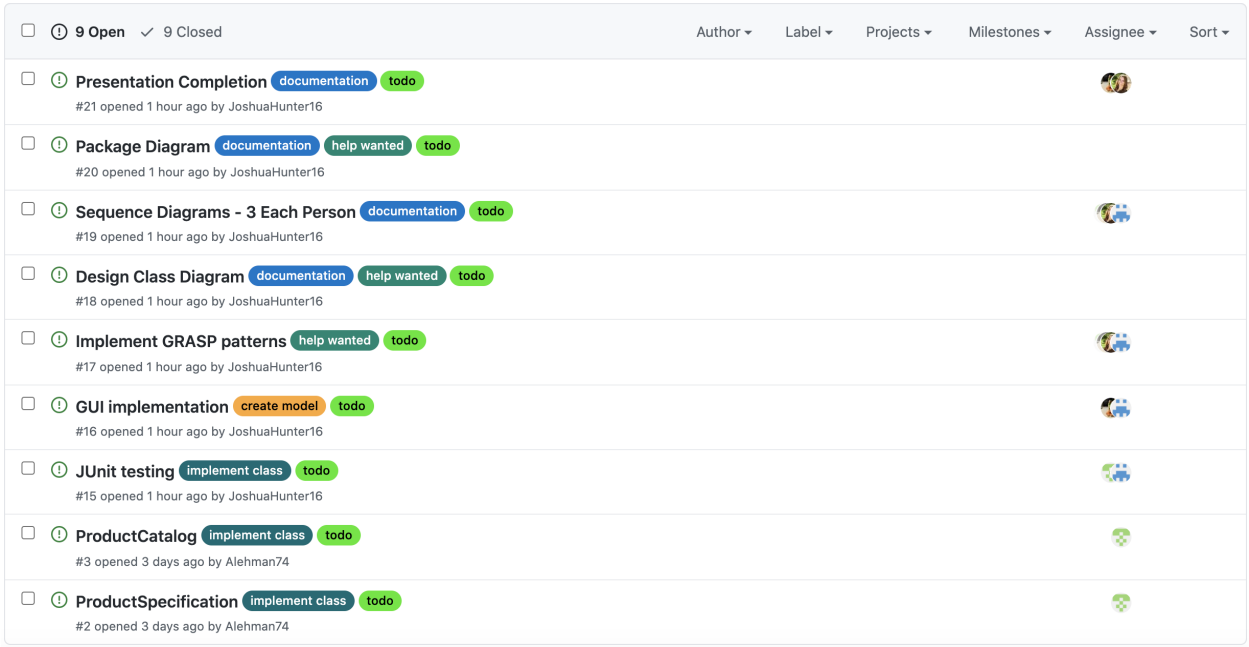


Figure 1

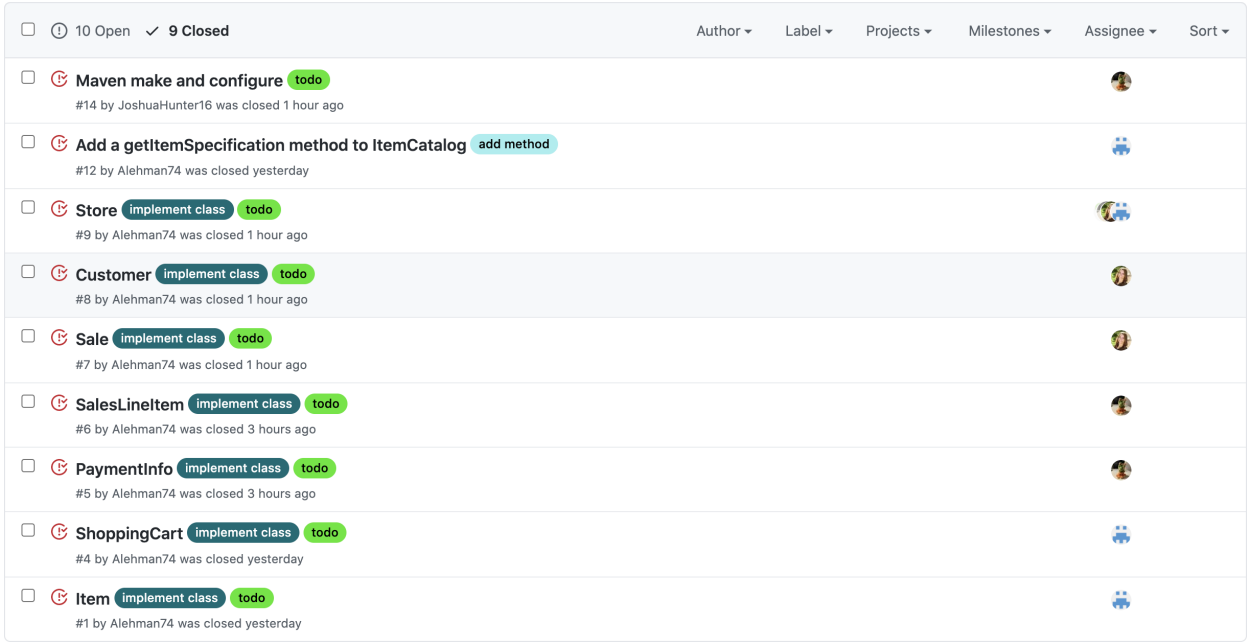


Figure 2

Revised Iteration 1:

Available for download at https://runtimeterrorbu.github.io/Nozama/

Original Point Distribution: 3.3 / 4

- From the original Iteration 1, the major mistake that cost us points was forgetting to make a Use Case Diagram, as well as minor details in the System Sequence Diagrams that cost us points. We have fixed everything that was mentioned in the comments on our original submission, therefore we believe the suggested point redistribution should be full credit.

Suggested Point Redistribution: 4 / 4

Changes that were made:

- Added Use Case Diagram
- Changed System Sequence Diagrams “Add a Product” & “Delete a Product” to allow manager to delete items rather than the company
- Added reply messages from the system on the System Sequence Diagrams of “Ship/Send Item” use case