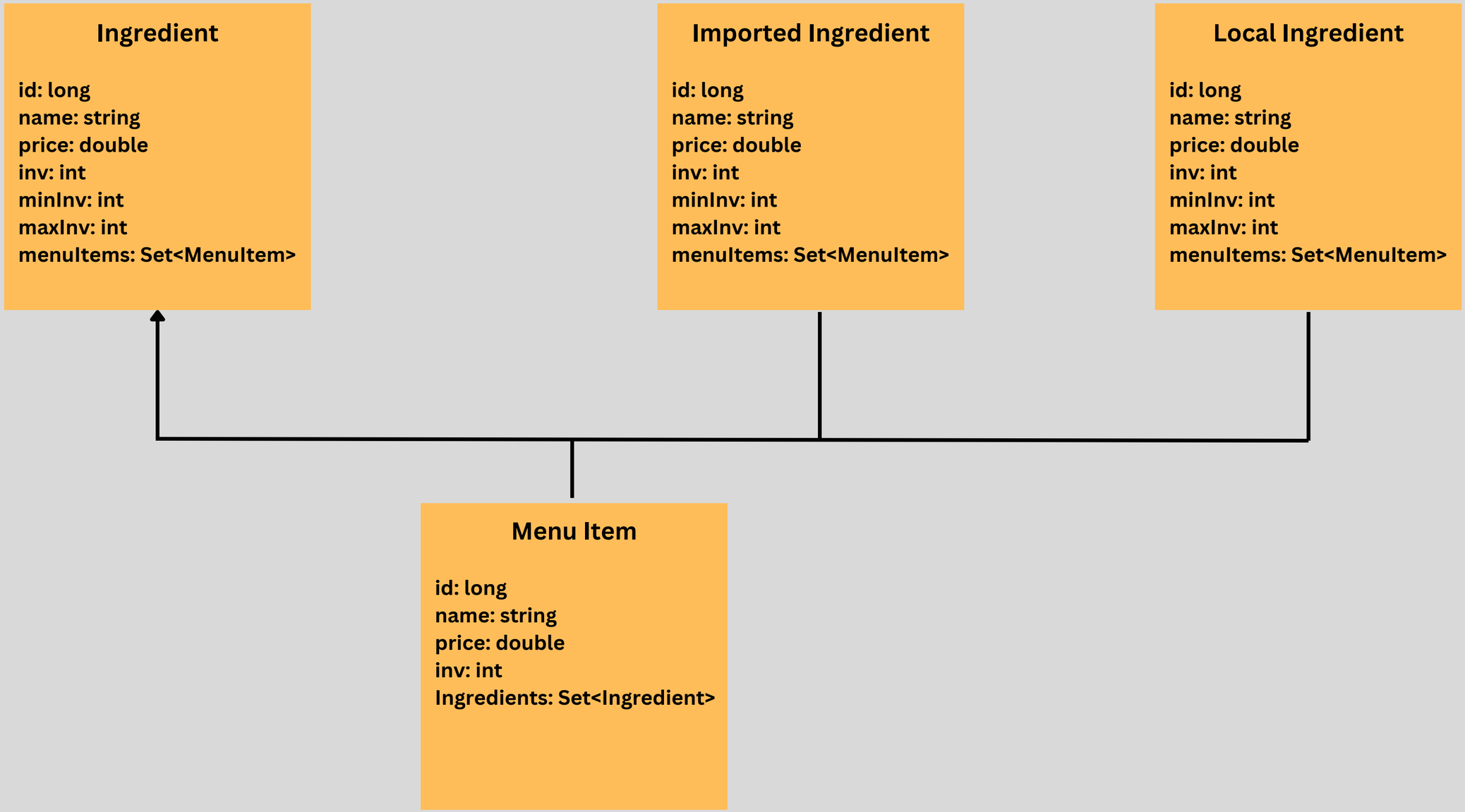
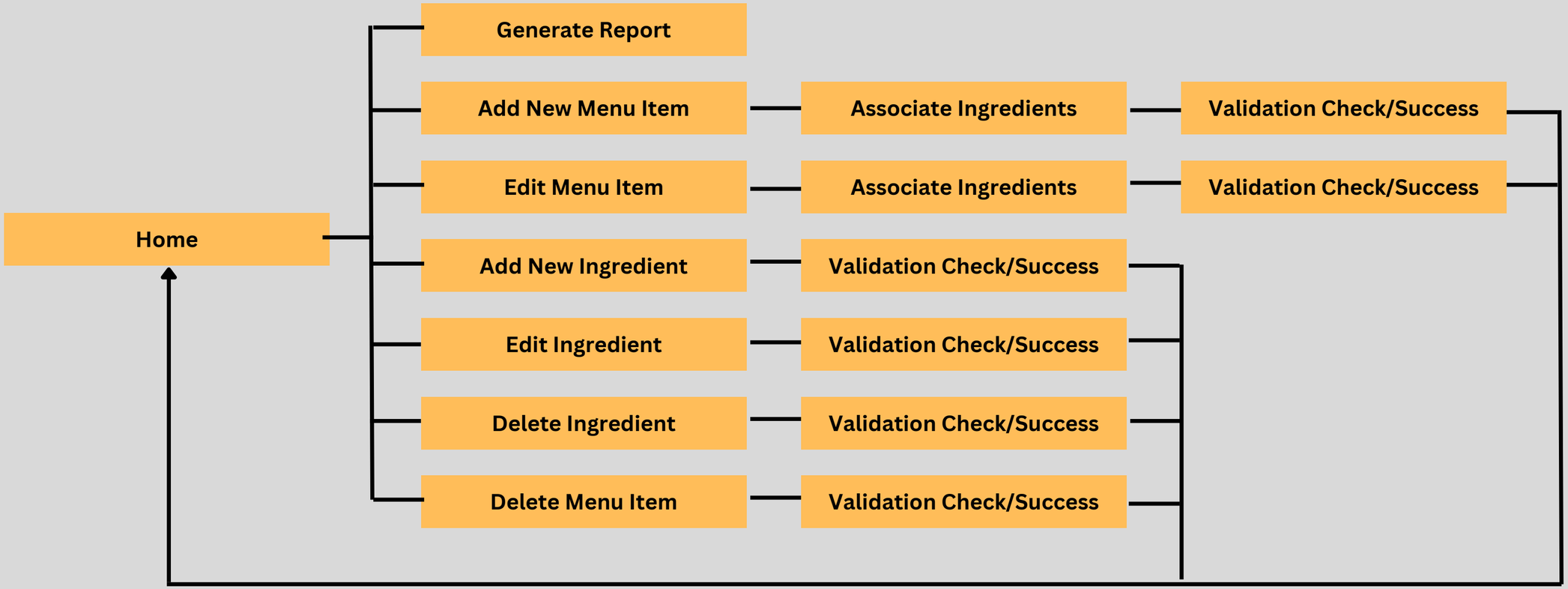
Pizza Shop Inventory App Documentation

Class Diagram



Design Diagram



Gitlab Repository Link

https://gitlab.com/wgu-gitlab-environment/student-repos/michaelasalzarulo/d424-software-engineering-capstone/-/tree/working-branch?ref_type=heads

User Guide for Setup, Running, and Maintenance

Introduction

This guide is intended for use by developers, administrators, etcetera. In order to perform maintenance and upgrades, please follow the instructions in order to perform the desired tasks.

Installation

After cloning the repository to your local machine, please ensure all dependencies are up to date and installed. If using IntelliJ IDEA, please open a new terminal and cd into the project. Before continuing, please ensure the latest versions of Git, Java, JDK, and Maven are installed on your local machine. If these dependencies exist on your machine, run the command, “mvn clean install.” After this command runs and installs existing dependencies, you are ready to run the application on local host. To do this, run the command, “mvn spring-boot:run.” To test that this works, navigate to local host in your web browser and you should see the application interface.

Maintenance

Once installation is successful, you will have the ability to create your working branch to make modifications. For testing in your local environment, you can make anticipated changes and test them on local host before pushing these changes to the remote repository. mvn spring-boot:run will be the same command used to run locally as before. If you are satisfied with changes, push to remote and submit a merge request for review. Once accepted, changes will be merged with the production environment. If after smoke testing there are bugs to be addressed, changes can be rolled back in order to address issues with modifications.

User Guide for Running App as User

Introduction
This guide is intended for use by customers in order to understand how to interact properly with the Pizzeria Inventory Application. Users can get a deeper understanding of the application and troubleshoot common problems.

Access and Functionality
In order to access your establishment's customized application, please navigate to the URL provided in the service agreement. This URL will remain the same unless notified by certified mail. On the main screen of your application, you will have the ability to add your menu items and local/imported ingredients. Once added, these entries can be updated or deleted by navigating with the Update/Delete buttons in each item's row and column. To get a real-time report of what is currently available, take advantage of the Generate Report button at the top of the page. This will create a printer-friendly version of the report with date/time stamps of when the report was generated.

This application comes with validation and security parameters to ensure safety and accuracy for our customers. For example, when editing associated ingredients, you will notice you are unable to use more than available. Also, when editing inventory, you will notice that you are unable to have conflicting minimum and maximum values. This ensures the security of data and helps prevent lack of integrity. Please notice you will be rerouted to the home page after each action in order to maintain a user-friendly and efficient interface.

Troubleshooting
Common issues include data not populating at all and lost data during entries. If data is not populating at all in the tables, please try to ctrl + F5 in order to hard refresh the page. This should solve the issue and repopulate all the data that is available. If data is lost during entries, please ensure the add/update or delete buttons were used. For example, if changes were made on the edit page but then a user navigates back to the previous page without utilizing the save button, changes will not be saved. If the error still persists, contact customer support.