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Inventory Management System

Test Plan

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# Test Strategy

White box testing will be used to test the functionality of each component of the program, as my knowledge as the developer is required to fully assess and understand what to test and how to completely test functionality.

Black box testing could be used for usability, and is perhaps better, as getting a potential user who doesn’t already know how to use the system will reveal much better how user friendly the UI is, as they will have to learn from intuition and the user guide how to use and make the most of the system.

## Functionality

The aim of these tests is to ensure each component of the system provides the functionality expected and required of it.

## Usability

The aim of these tests is the ensure that the sum of components required to complete a task can be understood and used in a simple and timely manner for most users.

Please not that a basic understanding of technology is expected, in that the user is familiar with navigating a simple user interface.

# Test Summaries

List of each test to be run, why it’s being run, what is being tested, expected result.

### Production - Inserting Stock

Overall, how easy is it to complete this task from the perspective of a user who has read the user guide, but has had no prior use of the app?

There are five components to this tab, each must be tested to test their individual functionality.

Additionally, the submit button will be tested to test the components’ connection to the database.

### Production - Viewing Stock

The only testing required here is to ensure that the relevant records are up to date and displayed concisely.

### Packaging - Bottling Stock

Overall, how easy is it to complete this task from the perspective of a user who has read the user guide, but has had no prior use of the app?

There are five components to this tab, each must be tested to test their individual functionality.

Additionally, the submit button will be tested to test the components’ connection to the database.

### Packaging - Labelling Stock

Overall, how easy is it to complete this task from the perspective of a user who has read the user guide, but has had no prior use of the app?

There are six components to this tab, each must be tested to test their individual functionality.

Additionally, the submit button will be tested to test the components’ connection to the database.

### Packaging - Viewing Stock

The only testing required here is to ensure that the relevant records are up to date and displayed concisely.

### Packaging - Viewing Duty Records

The only testing required here is to ensure that the relevant records are up to date and displayed concisely.

### Sales - Selling Stock

Overall, how easy is it to complete this task from the perspective of a user who has read the user guide, but has had no prior use of the app?

There is one component to this tab, which must be tested to test its individual functionality.

Additionally, the submit button will be tested to test the components’ connection to the database.

### Sales - Viewing Stock

The only testing required here is to ensure that the relevant records are up to date and displayed concisely.

# Test Results

List of each test showing input, expected result and actual result, as well as any notes to be made on the difference between actual and expected result.

Show screenshots as proof.