

TEST PLAN

1) INTRODUCTION

This is the test plan for the Team 23 Billing System. The plan aims to evaluate the quality and the functionality of all the required features that have been implemented. This will be done by performing a set of specified manual tests that will determine if any errors exist in the application's functionality and through code inspection of key pieces of code to ensure it is of high quality. More details of the plan are explained further in the following sections.

2) FEATURES TO BE TESTED

The following is a list of the features/functionality that are to be tested.

- a) Application dashboard.
- b) Generation of bills.
- c) Searching previous transactions.
- d) Printing and emailing bills.
- e) Generating sales reports.
- f) Processing item refunds.

3) FEATURES NOT TO BE TESTED

The following is a list of what is not explicitly tested in the test plan.

- a) Login screen.
- b) Inventory management.

4) APPROACH

The system will be tested using a predetermined set of manual test cases. The purpose of these test cases is to ensure that each feature behaves as expected in a variety of different cases. There will be a separate document containing the test cases. The tests will be performed by the developers working on the system.

Each feature being tested will also have its corresponding code subjected to an inspection. The purpose of the inspection is to confirm that the code has been developed using accepted software design principles and that there are no existing defects. A checklist created for the purpose of the inspection will be used.