Store Manager

Test Plan

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INTRODUCTION

The testing process will involve running the program and ensuring all features work; connection to database, updating the database, buttons, form loading, opening, and closing the program.

REQUIRED RESOURCES

One programmer with an understanding of n-tier development; multiple forms, exception handling, inheritance, database programming; Parameterized Queries

Visual Studio 2012 or higher (any version)

FEATURES TESTING

Add data, Edit data, Delete data, Parameterized Queries, Input validation, Exception handing, Form closing, Form loading, Database connection.

FEATURES NOT TESTING

None

DOCUMENTS PRODUCED

Upon successful completion, the access database of items will be successfully updated according to the users' changes, as well as a User's Manual.

RISKS AND DEPENDECIES

The Store Manager depends on passing data between multiple forms and working with many classes, and connecting to a database to display correct information in the combobox, listbox text boxes, and labels. The form also depends on input validation to ensure user input is valid. A proper database connection, calling of methods, and inheritance are mandatory in order to update the database.

The risks are the program will not properly display data, update data, load data, add, update, delete, or cancel operations.

EXPECTED RESULTS

The Store Manager will successfully add, update, delete, load, and save data, as well as cancel operations and close the form.

A successful build would be the program not throwing any exceptions, properly validating user input, and executing events.