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CIS 5740/ Spring 2016

Program 5-3

Program 5-3: Product Maintenance within the Music Store web site

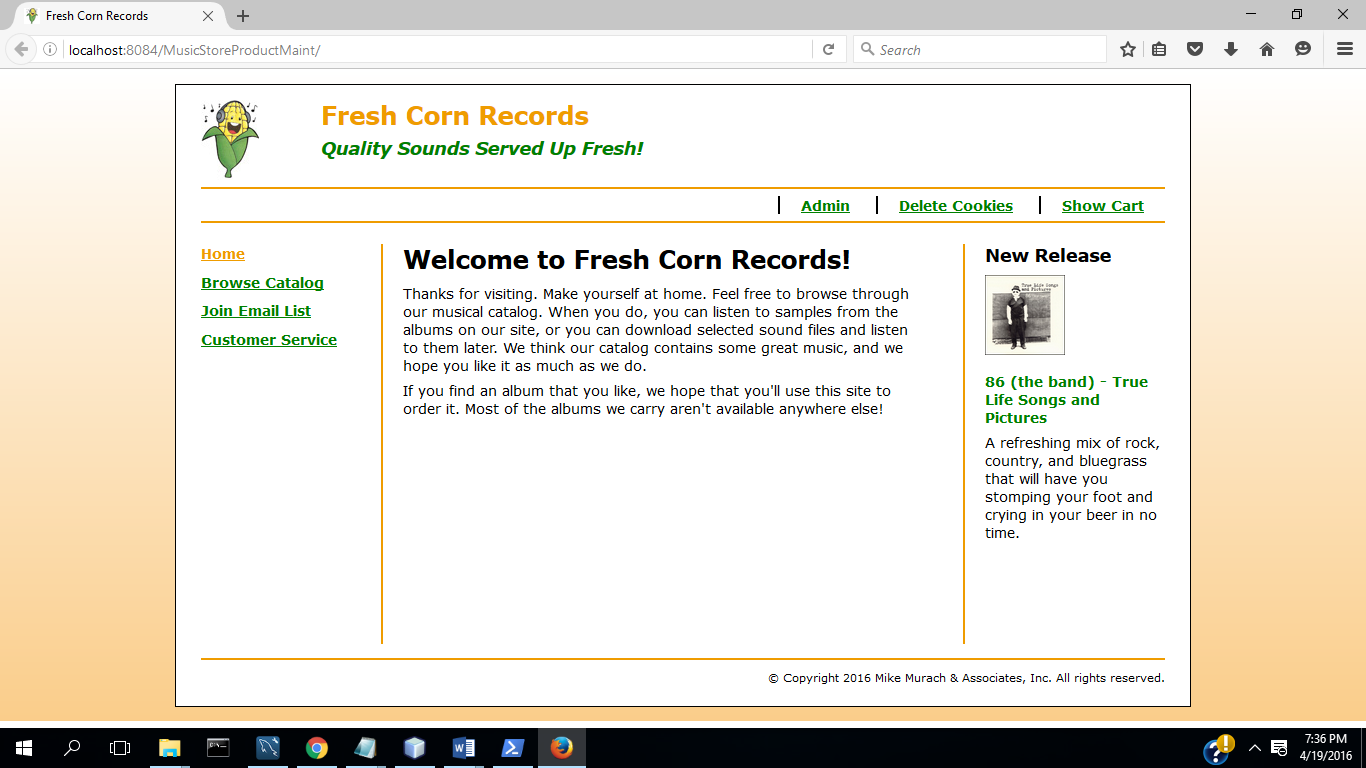
For this project, you’ll enhance the application described in the previous programs by adding it to the admin section of the Music Store web site. (*Prerequisites: 1-13,15, 16, 22 and 23*)

Specifications

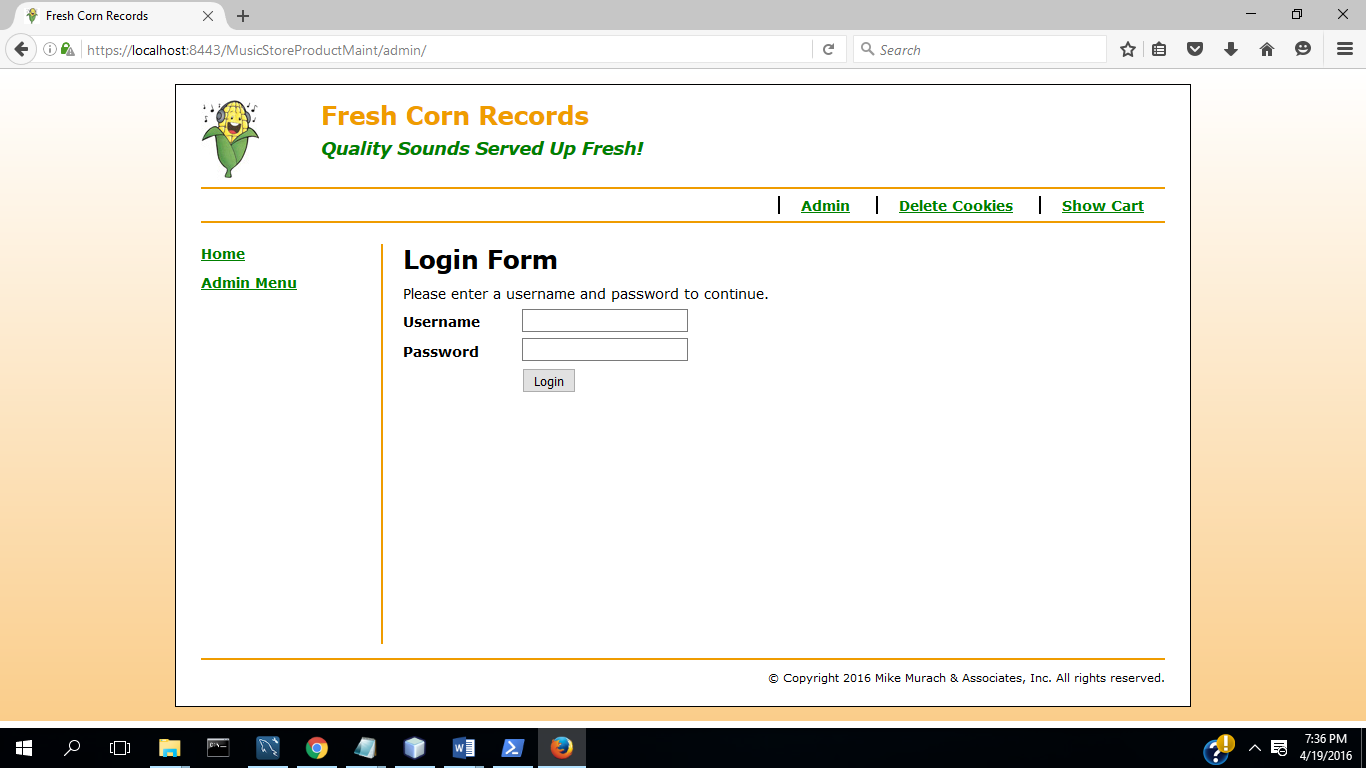
* Add the JSP files for the Product Maintenance application to the admin directory of the Music Store web site.
* Add the controller servlet for the Product Maintenance application to the music.admin package of the Music Store web site.
* Modify the admin/index.jsp file of the Music Store web site so it includes a button that starts the newly added Product Maintenance application.
* Modify all necessary JSP, CSS, Java, and XML files within the Music Store web site so they work with the newly added Product Maintenance application.
* In the controller for the Product Maintenance application, use the getRequestURI method to determine which action to process as shown in chapter 22. If the URL doesn’t match any actions in your application, use the sendError method of the response object to send a 404 error to the user to indicate that the page isn’t available.
* Don’t break the other applications in the existing Music Store web site.

**(a) Input/Output - Screen shots showing input/output for each part.**

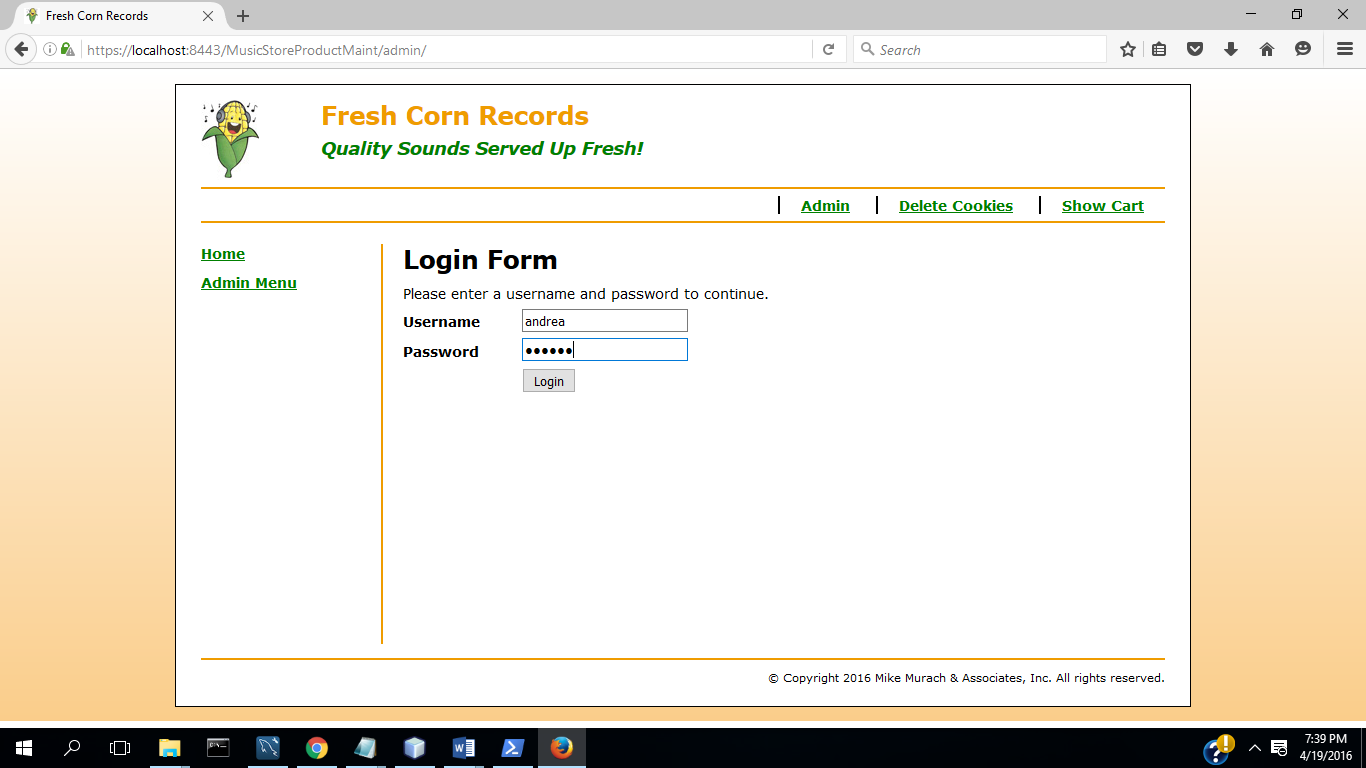
**Login Page:**



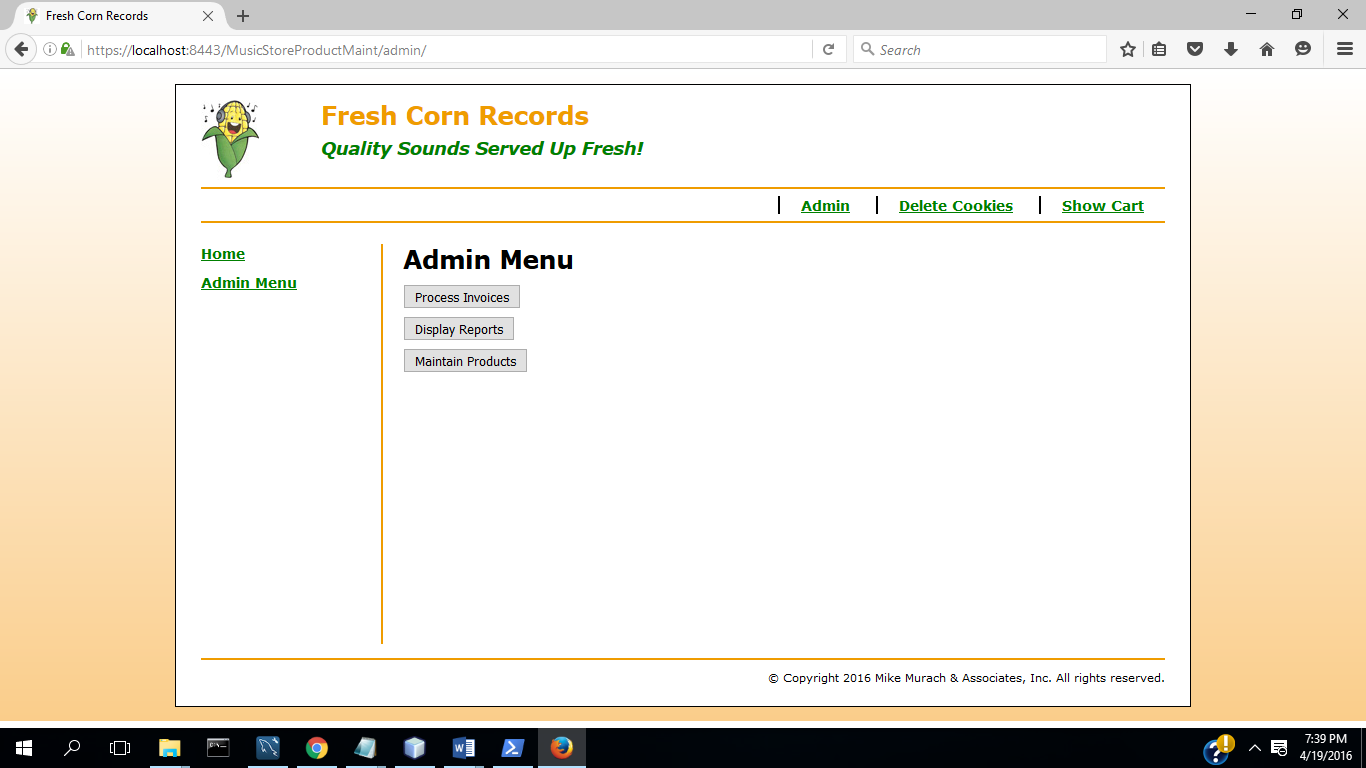
**Admin Login:**



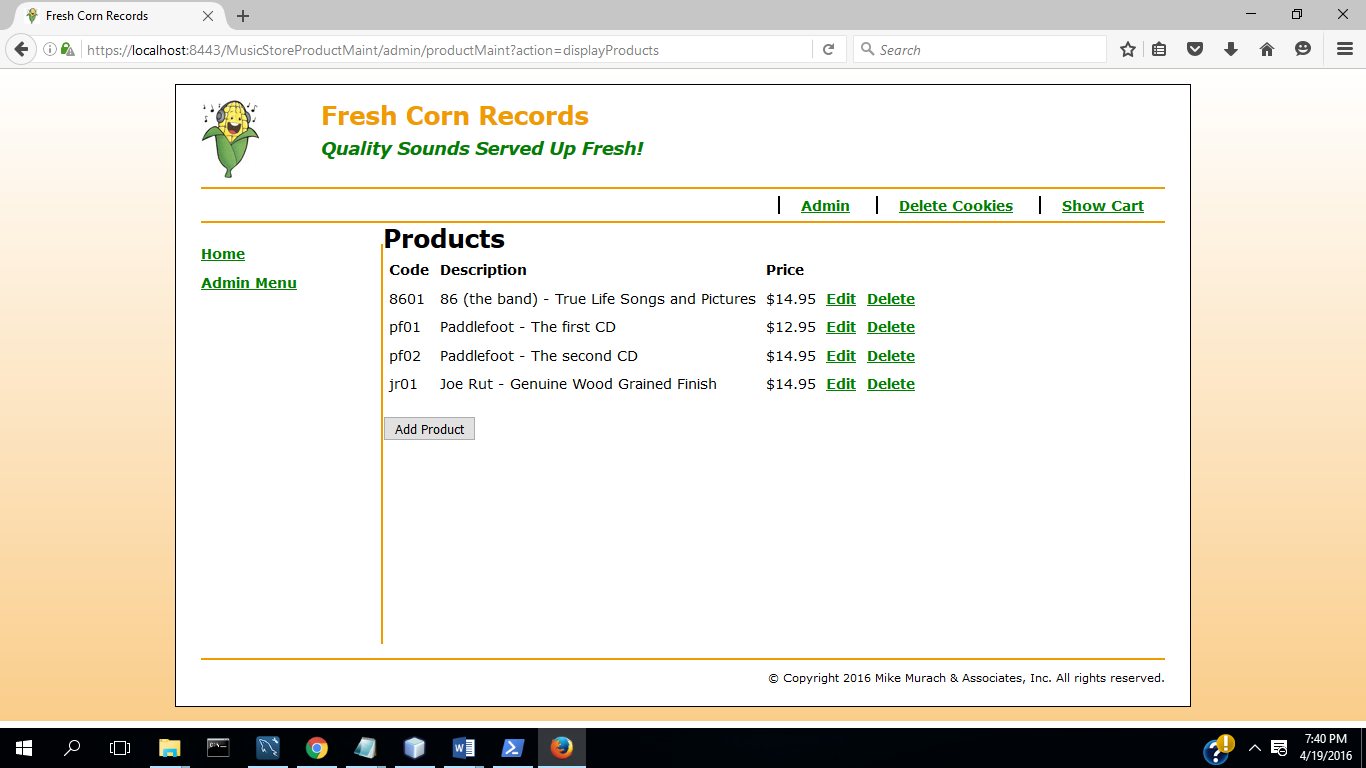
**Enter Logn info:**



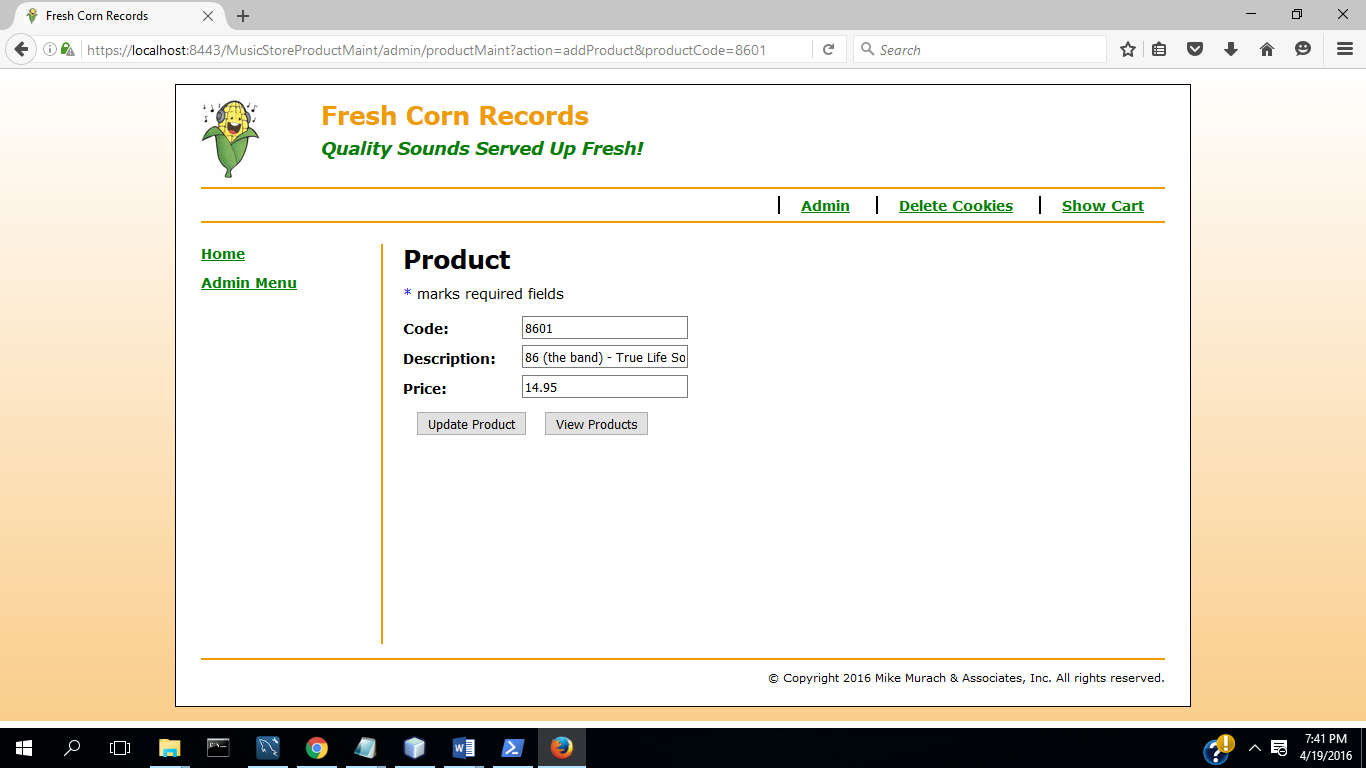
**Admin Menu**



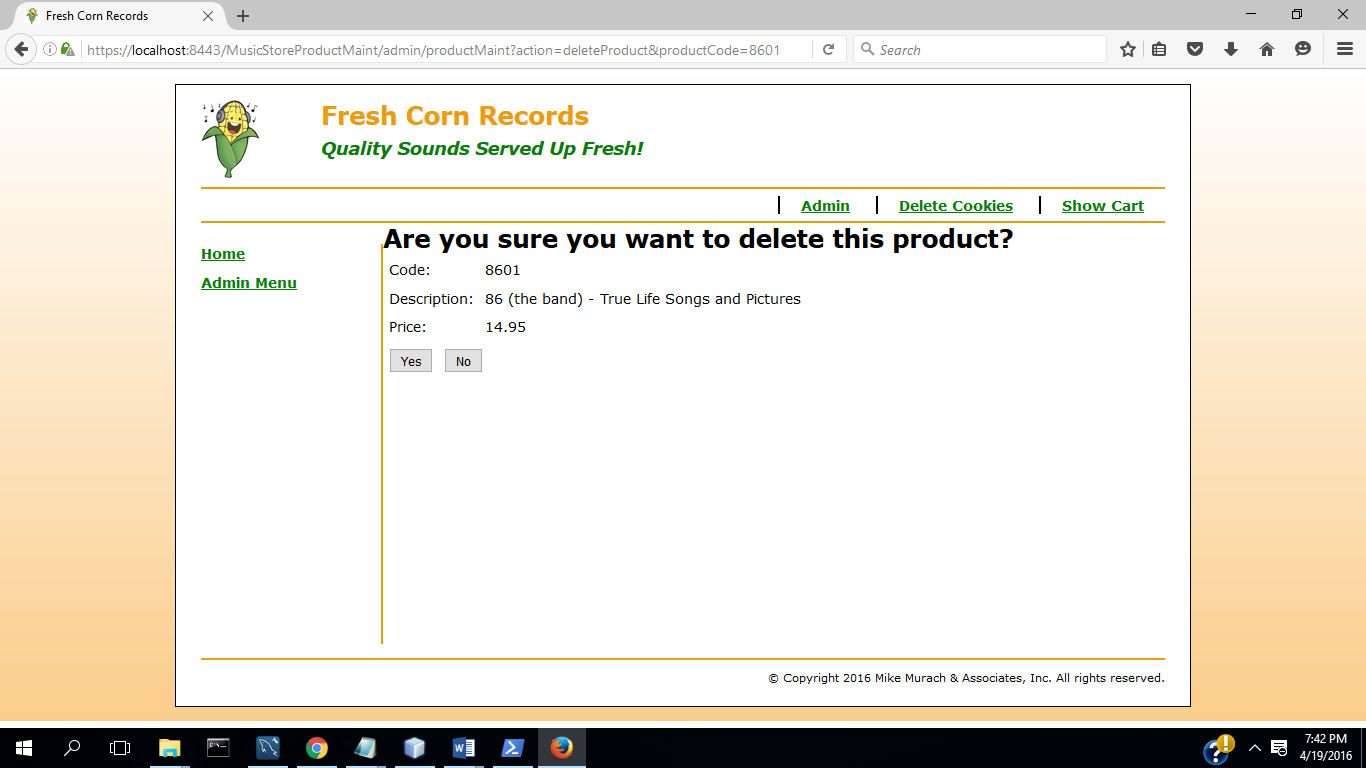
**Products:**



**Add/Update:**



**Delete:**



**(b) All program code for each part.**

In zipped file of NetBean project directory.

**(d) Test procedure/plan and implementation. What did you do to the test the program fully.**

**TC1: Add a Product**

(1) Start Application

(2) Select View Products

(3) Select Add Product

(4) Complete fields with valid data

(5) Select Update( Commit Transaction & Update Inventory)

**TC2: Update a Product**

(1) Select Edit Product

(2) Change description and price

(2) Select Update( Commit Transaction &Update Inventory)

**TC3: Delete a Product**

1. Select Delete Product
2. Select No
3. Select Delete Product

(4) Select Yes (Commit Transaction &Update Inventory)

**TC4: Input Validation : All Fields Complete**

(1) Start App

(2) Select View Products

(3) Select Add Product

(4) Select Update

(5) Enter Valid Price

(6) Select Update

(7) Enter Code

(8) Select Update

(9) Enter Description

(10) Select Update

**TC5: Input Validation: Valid Price**

(1) Start App

(1) Select View Products

(2) Select Add Product

(3) Enter code, description, and invalid price

(4) Select update

(5) Enter valid price

(6) Select Update

**(e) Overall Block diagram showing high level design**