**Assignment 5 Plan**

**Team 3**

**Team Members Participating:**

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# Brief Description of the part of the system that is being coded:

**Add Supplier**

This system is used to add products to the database. User enters product information and the supplier it belongs to.

# Detailed test plan that will be used for the system demonstration:

## Add Product

1. Scenario Table

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| --- | --- |
| **Scenario Name** | **Scenario Description** |
| Main: Successfully Added | User successfully adds a product to the system. |
| Alt: No suppliers | User attempts to add a product that is not attached to a supplier |
| Alt: No product category | User attempts to add a product that is not attached to a product category. |
| Alt: Invalid product information | User enters illegal characters that are not supported by the system. |
| Alt: Duplicate product IDs | User attempts to create a product with a product id that already exists in the system. |
| Alt: Actor does not confirm |  |
| Alt: Actor selects to exit |  |

1. Test Cases

| **Test Case Code** | **Scenario** | **Category** | **Data values (conditions) being tested** | **Expected Result** |
| --- | --- | --- | --- | --- |
| WA1 | Successful Add | Requirement | All fields in the product add form are correctly inputted and validated. | Product information is stored in the database. |
| WA2 | No suppliers | Error | All fields in the product add form are inputted, excluding a supplier | Actor will invoke the Add Supplier use case |
| WA3 | No product category | Error | All fields in the product add form are inputted, excluding a product category | Actor will invoke the Add Category use case |
| WA4 | Invalid product information | Simple validation | Fields in the product add form are inputted with illegal characters that are not supported by the system. | System will provide the specific error message and will not allow to submit the form until it is clear of error messages |
| WA5 | Duplicate product IDs | Error | A new product add attempt is made with an existing product id. | System will go back to the form, repopulate the fields and give the error massage that the product already exists |
| WA6 | Actor does not confirm | Requirement | The cancel option is selected while in the confirmation message popup. | System displays the form and repopulates the fields |