TEST CASE 1 : FRD-2

ABSTRACT

* This usecase is to develop a system to manage the information when a client pucrchase products. This usecase involves the administrator of the system and the client who bought the product. Furthermore, this usecase requires the accountant to create a Goods Received when goods are imported to distributor. Therefore, our team make this usecase for make sure that happen.

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

INTRODUCTION

Introduction of the entire plan

According to the administrator, this usecase is planned to help the accountant to create received. Furthermore, the usecase requires investigating the accountant’ insights to perform suitable functions on the system.

Purpose and scope of the plan

This plan aims to develop the system to ensure the budget of the company and the trust of the distributor for our company. The accountant is required to back up every single piece of informations of the product that being imported.The scope of this is data entry and security.

REQUIREMENTS/SPECIFICATIONS-BASED SYSTEM LEVEL TEST CASES

1. State Transition
2. When the new product that are being imported, the account will have a function to create a new received for that furniture. If the new received are wrong the company will be punish and lose trust.

State 1: New product being imported

This state will manage by the accountant to checked the quantity and quality of the new product.

State 2: Create a new received

This state also manage by the accountant to check the quantity and quality of new product. If they are qualified, the acounttant will write that on the new received to reported to the manager.

1. The accountant will write every information about the imported product and input them correctly on the system. Then they will initialize the state where they want to observe and then trigger that event

2. Decision Table

* 1. The accountant will decide and identify the quantity and quality of the new product that are being imported.
  2. Then they will create a new received for the product they have checked.
  3. Lastly, the staff will checked again if the product is good then they input it to the system

3. All pair Testing

* All of the new product shall be checked every times they imported. The staff and the accountant will always double checks.

4. Use Case Testing

* 1. The accountant will check the quality first if it not good they will be send back to the distributor and fix
  2. Then if the quality is good, the next step will be the staff checking the quantify for ensure that they imported enough.
  3. Lastly, the staff will input everything into the system.

* Because of the product of the distributor maybe not correct for what they said that the accountant is required to double check and if there is a mistake there will be:

1. The quantity is not enough
2. The quality is not expected
3. The new product do not arrive on time

TRACEABILITY OF TEST CASES TO USE CASES

1. The quantity is not enough

* The traceability is followed by forward traceability. The accountant will have to check if the quantity is enough or not. Then they will alert the distributor if the product is not enough and go on to the next step if enough.

2. The quality is not expected

* The traceability is followed by forward traceability. The accountant will have to check if the quality is qualified or not. Then they will alert the distributor if the product is not enough and go on to the final step if qualified.

3. The new product does not arrive on time

* The traceability is followed by bi-directional traceability. The accountant will have to report to the manager and the distributor.

TECHNIQUES FOR TEST GENERATION

Techniques used:

* Manual test genenaraion

We use this technique because it will scan all the cases that has no database

* White box-based testing:

We use this because white box-based testing is on code statements, branches, paths, or conditions. It’s low-level testing but it still can use for this use case

EVIDENCE THE TEST CASES, DOCUMENT HAVE BEEN PLACED UNDER

CONFIGURATION MANAGEMENT

REFERENCES