

# **CNIT 38000: Assignment #5**

## **Use Case Narrative (UCN)**

Using your corrected Context Model Diagram (CMD) from Assignment #1, your corrected Requirements (REQ) from Assignment #2, and your corrected Event Analysis Matrix (EAM) from Assignment #3 and Use Case Diagram (UCD) from Assignment #4, use the Use Case Narrative template, and the following additional SecureIT banking system information, prepare:

- A Use Case Narrative (UCN) based on the narrative below.

### **LAB OBJECTIVES**

- Design a Use Case Narrative (UCN).
- Distinguish a Typical Course of Events.
- Distinguish Alternative Courses of Events.
- There are 2 UCN's that you will complete.

## **System Narrative**

### **Additional Banking System information:**

The potential customer applies for a bank account by submitting a completed application to the bank manager. The bank manager reviews the application for any errors or omissions, and if there are any, requests that the potential customer resolve them and then resubmit the application. After the manager verifies the application doesn't contain any errors or omissions, they log on the system (if they are not logged in already), they use the system to select the option to open a new account (manager should have been previously logged on the system). The system responds by prompting the user for the new account information (name, address, DOB, phone number, SSN, etc.). The manager provides this information (reads it off the application) to the system and the system verifies it in terms of data and format checking. If there are problems, the system prompts the user to correct.

Once correct, the system submits a request to the credit bureau for a credit report which includes the credit score. The credit bureau responds with the credit report and the system displays the credit report information to the user and then prompts them to approve or deny the application. The manager will review the credit report to ensure credit worthiness and, if worthy, approves the account. The system responds by generating: 1) an account number; 2) storing the account information; and 3) generating an account identification card which is given to the customer (Items 2 and 3 are performed at the same time). If the manager decides not to approve the account, he notifies the potential customer that they have been denied. The system stores the application as rejected and then generates a letter stating the reasons the application was rejected, and then the letter is sent to the potential customer.

## **REQUIREMENTS:**

1. Use the USE CASE NARRATIVE template Word document and the “A Guide to Performing Use Case Modeling” reading from Week #5.
2. Potential Customer and Customer should be **COMBINED**, to show the potential customer being denied as an alternate path as the 1<sup>st</sup> USE CASE NARRATIVE.
3. Credit Bureau should be your 2<sup>nd</sup> USE CASE NARRATIVE.
4. Copy and paste your diagram into the Word document (Assignment #5 - Student Answers.doc) where indicated, replacing the yellow, highlighted text. Add your name and submission date. NO .PNG files.
5. DO NOT zip your file
6. Attach the .DOCX file(s) in case I have questions.
7. DO NOT use an old student's file, as there are some changed system, actor, process names, etc. in this semester's assignments.
8. Attach and submit the file in Brightspace.