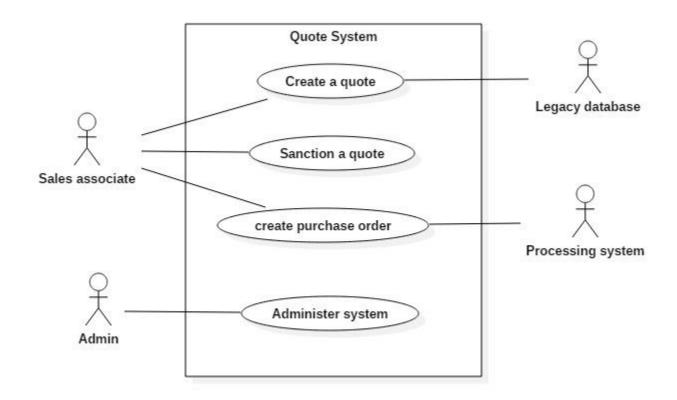
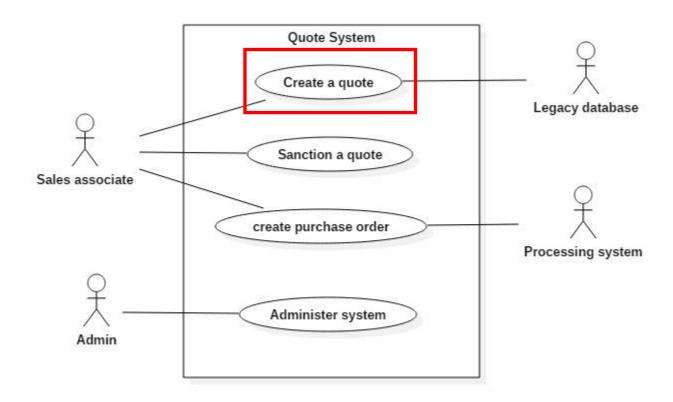
Undergraduate Group #2

John Ayling, CJ Yoder & Mitch Myers



# Actor Dictionary

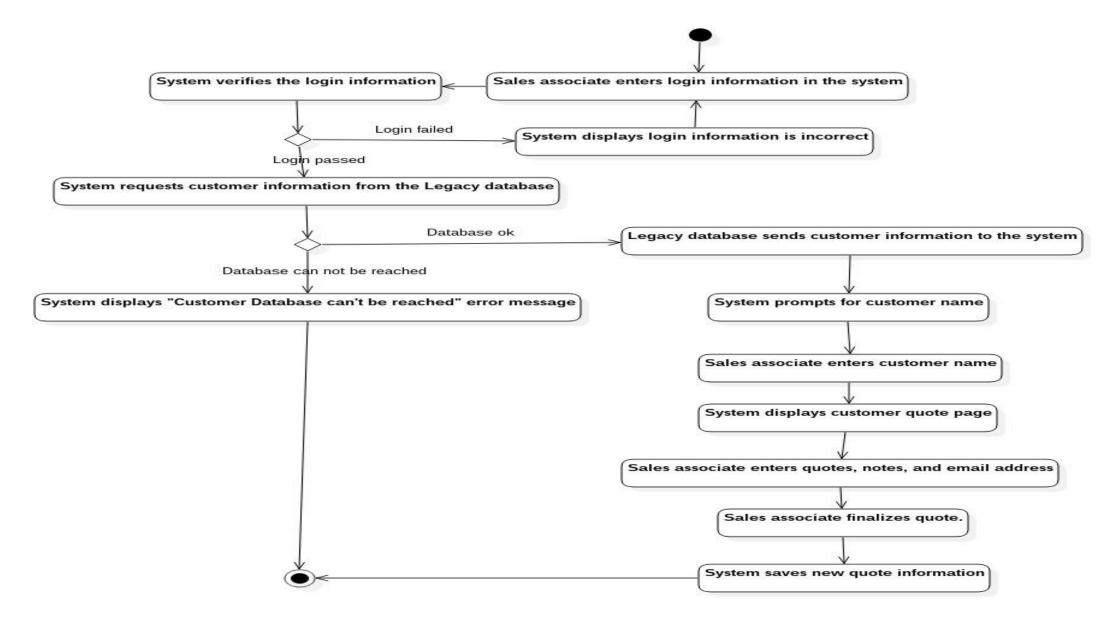
Actor	Description	Use Case(s)
Sales Associate	The Sales Associate can login to the associate logs in, (s)he can then enter sales quotes for customers. They can then convert a quote into a purchase order.	Create a quote, sanction a quote, Create a purchase order
Admin	Using the administrative interface, the admin can maintain sales associate and quote information. They can view, add, edit and delete sales associate records. The admin can also search and view quotes based on status (finalized, sanctioned, ordered), date range, sales associate, and customer.	Create a purchase order
Legacy Database	The legacy database is a list of existing customers with customer name, address, and contact info that can be used for a quote	Create a quote
Processing system	A purchase order is sent to a processing system which answers with a processing date and sales commission rate for the sales associate	Administer system

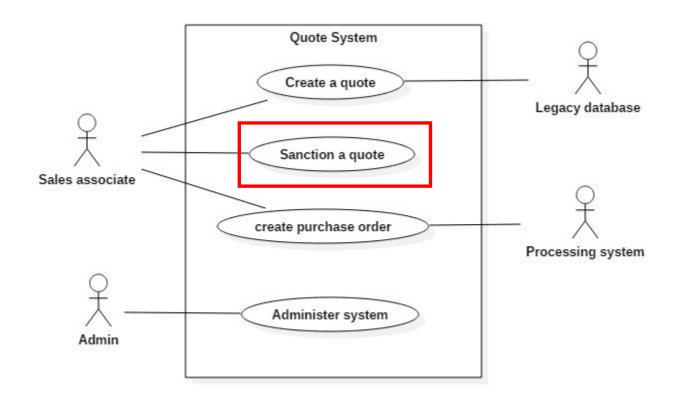


#### Create a Quote Specifications

Name	Create a quote
id	1
Scope	Quote System
Priority	High
Summary	After the associate logs in (s)he can enter sales quotes for customers. Quotes are entered for existing customers, their information is maintained in a company legacy database with customer
, , , , , , , , , , , , , , , , , , ,	name, address, and contact info. A quote consists of multiple line items. Each line item has a free form description and a price. The associate can also attach secret notes of free form text. The
	quote is entered into a new quote database. The associate also attaches a customer e-mail address to the quote, which is used as e-mail destination for communication as the quote is processed.
	The associate can edit quotes until (s)he finalizes the quote.
	(4)
Primary Actor	Sales associate
Supporting	Legacy database
Actor(s)	
Stakeholders	N/A
Generalization	N/A
Include	N/A
Extend	N/A
Precondition	N/A
Trigger	N/A
Normal Flow	1. Sales associate enters login information into the system.
	2. System verifies the login information.
	3. System requests customer information from Legacy database.
	4. Legacy database sends customer information to the system.
	5. System prompts for customer name.
	6. Sales associate enters customer name.
	7. System displays customer quote page.
	8. Sales associate enters quotes, notes and email address.
	9. Sales associate finalizes quote.
	10. System saves new quote information.
Sub-Flows	N/A
Alternate	Alternate:
Flow/Exceptions	3. System displays login information is incorrect.
	4. Return to step #1
	Exceptions:
	1. Legacy database can not be reached
	Display error message and exit system
Postcondition	A finalized quote is created
Open Issues	
Source	Problem Statement
Author	John Ayling
<b>Revision and Date</b>	Ver.2 7/10/2007

#### Create a Quote Activity Diagram

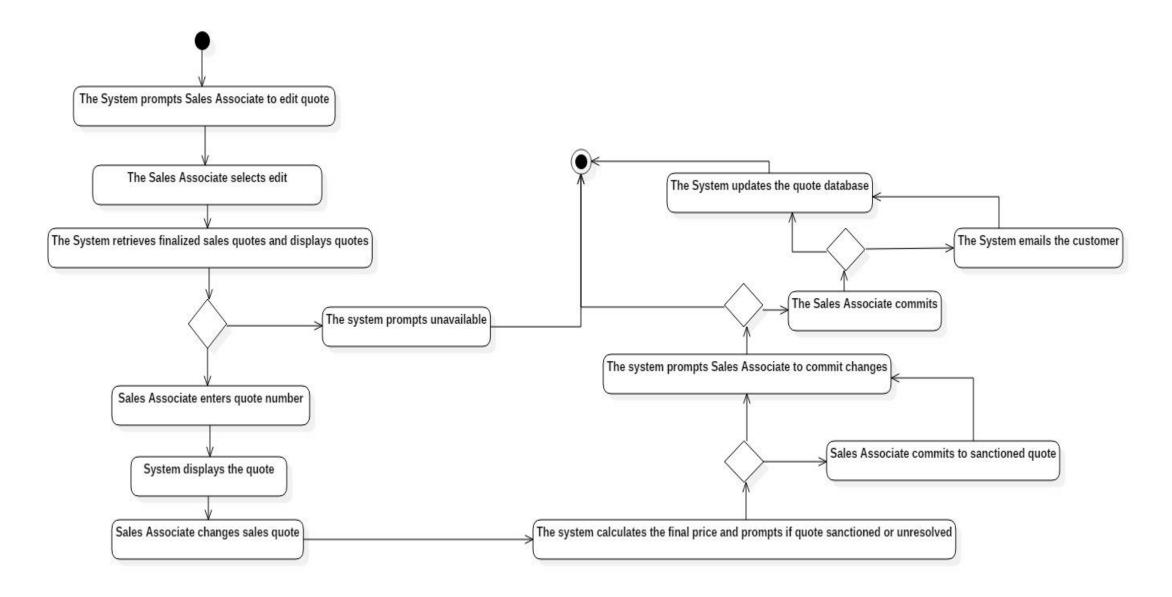


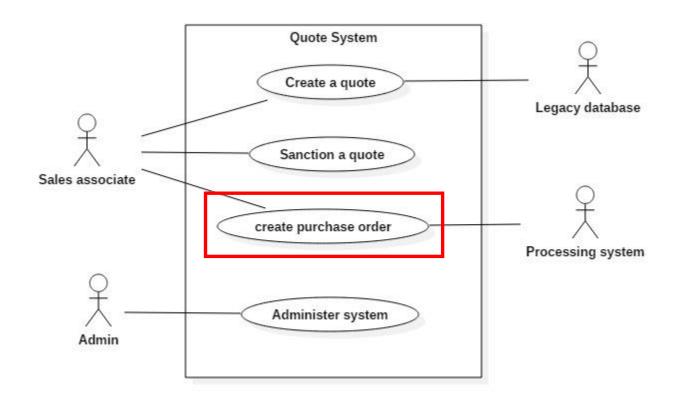


### Sanction a Quote Specifications

Id	Name	Sanction a Quote	
Priority   High   Summary   Allows the user to modify finalized quotes	id	2	
Priority   High   Summary   Allows the user to modify finalized quotes	Scope	Quote System	
Primary Actor Supporting Actor(s) Cupto Diatabase Stakeholders n/a Generalization n/a Include Retend n/a Precondition A quote has been finalized Trigger Emails a sanctioned quote to customer Normal Flow 1. The system prompts Sales Associate to Edit quote 2. The Sales Associate selects Edit 3. The System queries quote database for finalized quotes & displays quotes 4. The Sales Associate enters a sales quote number 5. System displays the quote 6. The Sales Associate makes changes to the quote 7. The system calculates the final price and prompts if quote sanctioned or unresolved 8. The Sales Associate commits 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows See Activity Diagram Alternate Flow/Exceptions See Activity Diagram  Postcondition A sanctioned quote is created and emailed to the customer  Proticon and Date  Problem Statement Author  Mich Myers  Basic Associate  Basic Associate Basic Associate commit Author  Mich Myers  Basic Associate Basic Associate commit Author  Mich Myers  Basic Associate commit to the customer  Markor  Mich Myers  Basic Associate commit to the customer  Markor  Mich Myers  Basic Associate commit to the customer  Markor  Mich Myers  Basic Associate commit to the customer  Markor  Mich Myers  Basic Associate commit to the customer  Markor  Mich Myers  Basic Associate commit to the customer  Mich Mich Myers  Basic Associate commit to the customer  Mich Mich Myers  Basic Associate commit to the customer  Mich Mich Myers  Basic Associate commit to the customer  Mich Mich Myers  Basic Associate commit to the customer  Mich Mich Myers  Basic Associate commit to the customer  Mich Mich Myers  Basic Associate commit to the customer  Mich Mich Myers  Basic Associate commit to the customer  Mich Mich Myers  Basic Associate to the customer  Mich Mich Myers  Basic Associate commit to the customer  Mich Mich Myers  Basic Associate commit to the customer  Mich Mich Myers  Basic Associate commit to the customer  Mich Mich Myers  Basic Associate c			
Supporting Actor(s) Stakeholders n/a Generalization n/a Include n/a Extend n/a Precondition A quote has been finalized Trigger Emails a sanctioned quote to customer Normal Flow 1. The system prompts Sales Associate to Edit quote 2. The Sales Associate selects Edit 3. The System queries quote database for finalized quotes & displays quotes 4. The Sales Associate enters a sales quote number 5. System displays the quote 6. The Sales Associate makes changes to the quote 7. The system calculates the final price and prompts if quote sanctioned or unresolved 8. The Sales Associate commits to sanctioned quote 9. The system prompts Sales Associate to commit changes 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows See Activity Diagram Alternate Flow/Exceptions See Activity Diagram Postcondition A sanctioned quote is created and emailed to the customer  Postson and Data Bee 28 a 3-700/77	Summary	Allows the user to modify finalized quotes	
Stakeholders	Primary Actor	Sales Associate	
Include	Supporting Actor(s)	Quote Database	
Include Extend  In/a Extend  A quote has been finalized  Trigger  Emails a sanctioned quote to customer  Normal Flow  I. The system prompts Sales Associate to Edit quote 2. The Sales Associate selects Edit 3. The System queries quote database for finalized quotes & displays quotes 4. The Sales Associate enters a sales quote number 5. System displays the quote 6. The Sales Associate makes changes to the quote 7. The system calculates the final price and prompts if quote sanctioned or unresolved 8. The Sales Associate commits to sanctioned quote 9. The system prompts Sales Associate to commit changes 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows  See Activity Diagram  Alternate Flow/Exceptions  See Activity Diagram  Postcondition A sanctioned quote is created and emailed to the customer  Postcondition A sanctioned quote is created and emailed to the customer  Postconditon  Posterior and that the Sales Associate to Commit Changes  Source Problem Statement Author  Nich Myers  Postancian and that the Sales Associate to Calculate the Calcula	Stakeholders	n/a	
Precondition	Generalization	n/a	
Precondition A quote has been finalized Trigger Emails a sanctioned quote to customer  1. The system prompts Sales Associate to Edit quote 2. The Sales Associate selects Edit 3. The System queries quote database for finalized quotes & displays quotes 4. The Sales Associate enters a sales quote number 5. System displays the quote 6. The Sales Associate makes changes to the quote 7. The system calculates the final price and prompts if quote sanctioned or unresolved 8. The Sales Associate commits to sanctioned quote 9. The system prompts Sales Associate to commit changes 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows See Activity Diagram Alternate Flow/Exceptions See Activity Diagram Postcondition A sanctioned quote is created and emailed to the customer  Source Problem Statement Mitch Myers Peut Sales Associate Data Mitch Myers Peut Sales Associate Data Peut Sales Associate Office (Sales Associate Data Peut Sales	Include	n/a	
Trigger  Emails a sanctioned quote to customer  1. The system prompts Sales Associate to Edit quote 2. The Sales Associate selects Edit 3. The System queries quote database for finalized quotes & displays quotes 4. The Sales Associate enters a sales quote number 5. System displays the quote 6. The Sales Associate makes changes to the quote 7. The system calculates the final price and prompts if quote sanctioned or unresolved 8. The Sales Associate commits to sanctioned quote 9. The system prompts Sales Associate to commit changes 10. The System updates the quote database & emails customer  Sub-Flows  Sub-Flows  See Activity Diagram  Alternate Flow/Exceptions  See Activity Diagram  Postcondition  A sanctioned quote is created and emailed to the customer  Source  Problem Statement  Author  Mitch Myers  Peul 3 a - 7/10/17	Extend	n/a	
1. The system prompts Sales Associate to Edit quote 2. The Sales Associate selects Edit 3. The System queries quote database for finalized quotes & displays quotes 4. The Sales Associate enters a sales quote number 5. System displays the quote 6. The Sales Associate makes changes to the quote 7. The system calculates the final price and prompts if quote sanctioned or unresolved 8. The Sales Associate commits to sanctioned quote 9. The system prompts Sales Associate to commit changes 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows See Activity Diagram Alternate Flow/Exceptions See Activity Diagram  Postcondition Open Issues Source Problem Statement Author Mitch Myers Paw 3.a. 7/10/17	Precondition		
2. The Sales Associate selects Edit 3. The System queries quote database for finalized quotes & displays quotes 4. The Sales Associate enters a sales quote number 5. System displays the quote 6. The Sales Associate makes changes to the quote 7. The system calculates the final price and prompts if quote sanctioned or unresolved 8. The Sales Associate commits to sanctioned quote 9. The system prompts Sales Associate to commit changes 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows See Activity Diagram Alternate Flow/Exceptions Postcondition A sanctioned quote is created and emailed to the customer  Open Issues  Source Problem Statement Author Mitch Myers Paux 3 a. 7/10/17			
3. The System queries quote database for finalized quotes & displays quotes 4. The Sales Associate enters a sales quote number 5. System displays the quote 6. The Sales Associate makes changes to the quote 7. The system calculates the final price and prompts if quote sanctioned or unresolved 8. The Sales Associate commits to sanctioned quote 9. The system prompts Sales Associate to commit changes 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows See Activity Diagram  Alternate Flow/Exceptions See Activity Diagram  Postcondition A sanctioned quote is created and emailed to the customer  Open Issues  Source Problem Statement Author Mitch Myers Paul 3 - 7/10/17	Normal Flow		
4. The Sales Associate enters a sales quote number 5. System displays the quote 6. The Sales Associate makes changes to the quote 7. The system calculates the final price and prompts if quote sanctioned or unresolved 8. The Sales Associate commits to sanctioned quote 9. The system prompts Sales Associate to commit changes 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows Alternate Flow/Exceptions See Activity Diagram  Postcondition A sanctioned quote is created and emailed to the customer  Open Issues Source Problem Statement Author Mitch Myers Paus 3 = 7/10/17			
5. System displays the quote 6. The Sales Associate makes changes to the quote 7. The system calculates the final price and prompts if quote sanctioned or unresolved 8. The Sales Associate commits to sanctioned quote 9. The system prompts Sales Associate to commit changes 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows See Activity Diagram  Alternate Flow/Exceptions See Activity Diagram  Postcondition A sanctioned quote is created and emailed to the customer  Open Issues  Source Problem Statement  Author Mitch Myers  Powision and Data		3. The System queries quote database for finalized quotes & displays quotes	
6. The Sales Associate makes changes to the quote 7. The system calculates the final price and prompts if quote sanctioned or unresolved 8. The Sales Associate commits to sanctioned quote 9. The system prompts Sales Associate to commit changes 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows  Sub-Flows  See Activity Diagram  Alternate Flow/Exceptions  See Activity Diagram  Postcondition  A sanctioned quote is created and emailed to the customer  Open Issues  Source  Problem Statement  Author  Mitch Myers  Powision and Date		4. The Sales Associate enters a sales quote number	
7. The system calculates the final price and prompts if quote sanctioned or unresolved 8. The Sales Associate commits to sanctioned quote 9. The system prompts Sales Associate to commit changes 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows  See Activity Diagram  Alternate Flow/Exceptions  See Activity Diagram  Postcondition  A sanctioned quote is created and emailed to the customer  Open Issues  Source  Problem Statement  Author  Mitch Myers  Powysion and Date  Provision and Date  Pro		5. System displays the quote	
8. The Sales Associate commits to sanctioned quote 9. The system prompts Sales Associate to commit changes 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows See Activity Diagram Alternate Flow/Exceptions See Activity Diagram  Postcondition A sanctioned quote is created and emailed to the customer  Open Issues Source Problem Statement Author Mitch Myers Powision and Data		6. The Sales Associate makes changes to the quote	
9. The system prompts Sales Associate to commit changes 10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows See Activity Diagram Alternate Flow/Exceptions See Activity Diagram  Postcondition A sanctioned quote is created and emailed to the customer  Open Issues Source Problem Statement Author Mitch Myers  Provision and Date Provision and Da		7. The system calculates the final price and prompts if quote sanctioned or unresolved	
10. The Sales Associate commits 11. The system updates the quote database & emails customer  Sub-Flows See Activity Diagram Alternate Flow/Exceptions See Activity Diagram  Postcondition A sanctioned quote is created and emailed to the customer  Open Issues Source Problem Statement  Author Mitch Myers  Provision and Date  Rev. 3 = 7/10/17		8. The Sales Associate commits to sanctioned quote	
Sub-Flows See Activity Diagram Alternate Flow/Exceptions Postcondition A sanctioned quote is created and emailed to the customer  Open Issues Source Problem Statement Author Mitch Myers  Rev. 3 = 7/10/17		9. The system prompts Sales Associate to commit changes	
Sub-Flows  See Activity Diagram  Alternate Flow/Exceptions  See Activity Diagram  Postcondition  A sanctioned quote is created and emailed to the customer  Open Issues  Source  Problem Statement  Author  Mitch Myers  Revision and Date  Revision and Date  Postcondition  Associated and emailed to the customer  Postcondition  Associated and emailed to the customer  Open Issues  Source  Problem Statement  Author  Revision and Date  Revision and Date		10. The Sales Associate commits	
Alternate Flow/Exceptions  See Activity Diagram  Postcondition  A sanctioned quote is created and emailed to the customer  Open Issues  Source  Problem Statement  Author  Mitch Myers  Revision and Date  Rev. 3 = 7/10/17		11. The system updates the quote database & emails customer	
Alternate Flow/Exceptions  See Activity Diagram  Postcondition  A sanctioned quote is created and emailed to the customer  Open Issues  Source  Problem Statement  Author  Mitch Myers  Revision and Date  Rev. 3 = 7/10/17			
Alternate Flow/Exceptions  See Activity Diagram  Postcondition  A sanctioned quote is created and emailed to the customer  Open Issues  Source  Problem Statement  Author  Mitch Myers  Revision and Date  Rev. 3 = 7/10/17			
Postcondition A sanctioned quote is created and emailed to the customer  Open Issues  Source Problem Statement  Author Mitch Myers  Revision and Date Rev 3 = 7/10/17			
Open Issues  Source Problem Statement  Author Mitch Myers  Revision and Date Rev. 3 = 7/10/17	Alternate Flow/Exceptions	See Activity Diagram	
Open Issues Source Problem Statement Author Mitch Myers  Revision and Date Rev. 3 = 7/10/17	Postcondition	A sanctioned quote is created and emailed to the customer	
Author Mitch Myers  Revision and Date Rev. 3 – 7/10/17	Open Issues		
Revision and Date Rev. 3 – 7/10/17	Source	Problem Statement	
Revision and Date Rev. 3 – 7/10/17	Author	Mitch Myers	
	Revision and Date	Rev. 3 – 7/10/17	0

#### Sanction a Quote Activity Diagram

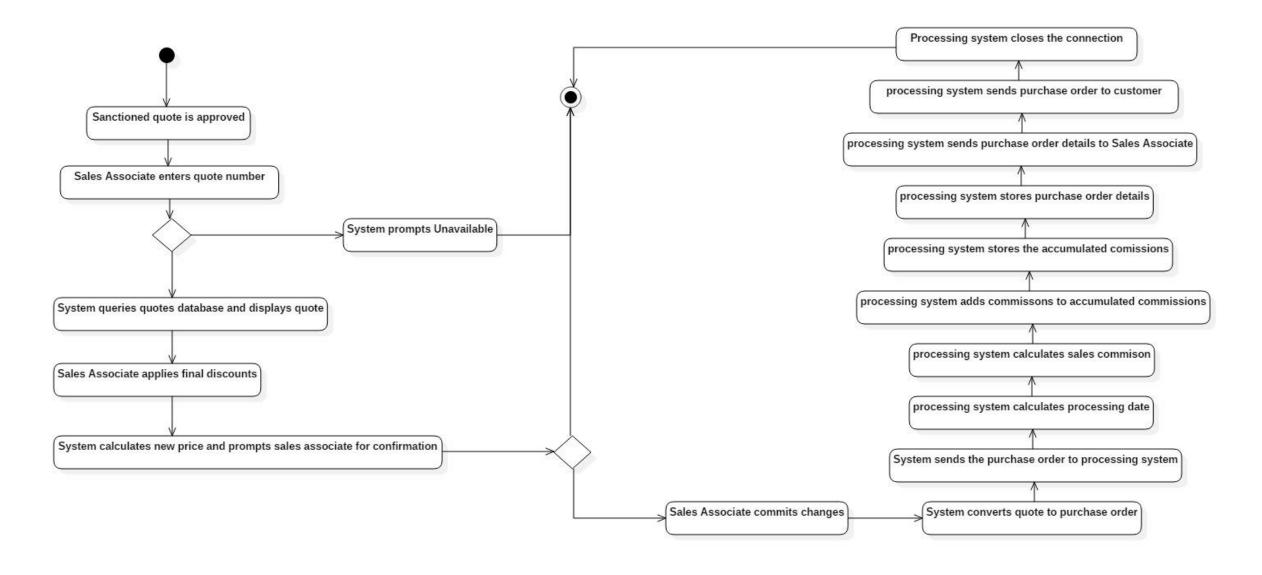


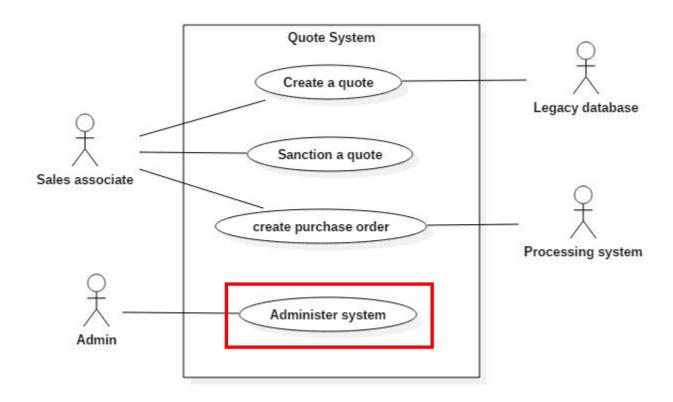


### Create Purchase Order Specifications

Name	Create Purchase Order	
id	3	
Scope	Quote System	
Priority	High	
Summary	Converts a quote to a Purchase Order	
Primary Actor	Sales Associate	
Supporting Actor(s)	Processing System	
Stakeholders	n/a	
Generalization	n/a	
Include	n/a	
Extend	n/a	
Precondition	Sanctioned quote sent to customer	
Trigger	Sanctioned quote approved by customer	
Normal Flow	1. The sanctioned quote is approved	
	2. The Sales Associate enters quote number	
	3. The System queries quote database & displays quote	
	4. The Sales Associate applies final discounts to quote	
	5. The System calculates the new price & prompts for confirmation	
	6. The Sales Associate commits changes	
	7. The System converts the quote to a purchase order	
	8. The System sends the purchase order to processing system	
	9. The processing system calculates a processing date	
	10. The processing system calculates sales commission	
	11. The processing system adds commissions to accumulated commissions	
	12. The processing system stores accumulated commissions	
	13. The processing system stores the purchase order details	
	14. The processing system sends purchase order details to Sales Associate	
	15. The processing system sends purchase order to customer	
	16. The processing system closes connection	
Sub-Flows	See Activity Diagram	
Alternate Flow/Exceptions	See Activity Diagram	
Postcondition	Purchase order is created	
Open Issues		
Source	Problem Statement	
Author	Mitch Myers	11
Revision and Date	Rev 2 – 7/10/17	

#### Create Purchase Order Activity Diagram

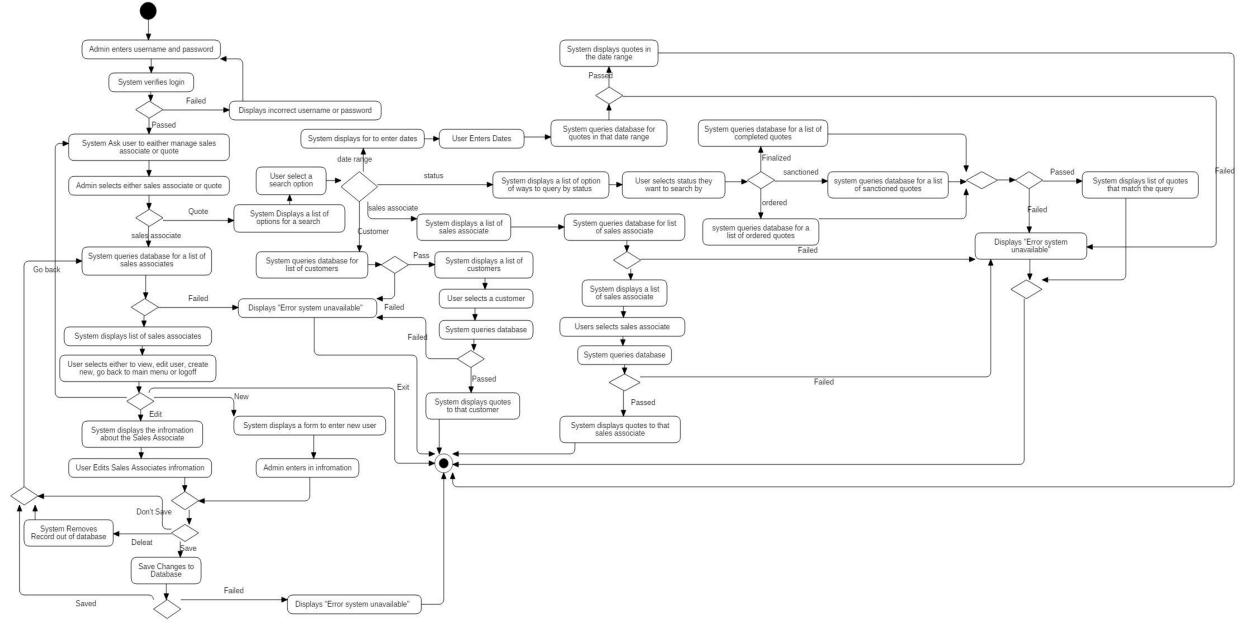




### Administer System Specifications

Name	Administer System
id	4
Scope	Quote System
Priority	High
Summary	The Admin can manage records of sales associate and quote information.
Primary Actor	Admin
Supporting Actor(s)	N/A
Stakeholders	N/A
Generalization	N/A
Include	N/A
Extend	N/A
Precondition	N/A
Trigger	N/A
Normal Flow	<ol> <li>System asks Admin to either manage sales associates or quotes</li> <li>Admin selects option</li> <li>System queries database for list of sales associates</li> <li>System displays a list of sales associates</li> <li>Admin select the one to edit</li> <li>System displays all the information about the sales associates</li> <li>Admin updates needed information</li> <li>System askes Admin if they want to save changes</li> <li>System selects choice</li> <li>Updates saved to database</li> </ol>
Sub-Flows	See diagram
Alternate Flow/Exceptions	See diagram
Postcondition	Updated Records
Open Issues	
Source	Problem Statement
Author	Conrad Yoder
Revision and Date	Version 2 7/10/2017

#### Administer System Activity Diagram



### Thank You!

Please feel free to ask any questions