

Name: Jessie Batson

Project: eBank

Requirements:

User Requirements				
ID	Requirement	Topic Area	Actor	Priority
UR-10	As a customer, I want to submit a loan application, so that I can borrow money.	Business	Customer	Medium
UR-11	As a customer, I want to see the remaining balance on the loan, so that I am updated on the latest balance.	Business	Customer	Medium
UR-12	As a customer, I want to see the payments made on the loan, so that I can verify my loan transactions.	Business	Customer	Medium
UR-13	As a customer, I want to pay on my loan using funds from my checking account, so that I can repay the loan easily without using a check.	Business	Customer	Medium
UR-14	As a customer, I want to pay on my loan using funds from my savings account, so that I can repay the loan easily without using a check.	Business	Customer	Medium

Use Case Documents:

You should have at least 2 per 4448 team member or 4 per 5448 member in your group at a minimum.

Use Case ID:	UC-10		
Use Case Name:	Submit Loan Application		
Description:	Customer can submit a completed loan application.		
Actors:	Customer		
Pre-Conditions:	Customer has a valid checking or savings account. Customer has opened the loan application.		
Post-Conditions:	Customer has submitted the loan application.		
Frequency of Use:	Whenever a customer needs funds and would like to request a loan.		
Flow of Events:		Actor Action	System Response
	1.	Select what type of loan	
	2.	Enter valid account number	System checks and displays that the account is valid.
	3.	Enter required customer information and details.	
	4.	Customer selects the submit button.	Systems sends the customer's information to database for manager's approval, and displays a confirmation page.
Variations:	2. Customer does not have a valid checking or savings account through eBank. -System displays an error message stating that the customer must have a valid checking or savings account number. 3. Customer does not have the required information to input into the application. -Customer tries this use case again, when they have the required information.		
Exceptions:			
Developer Notes:			

Use Case Documents (Continued):

Use Case ID:	UC-11		
Use Case Name:	View Remaining Balance		
Description:	Customer can view their reaming balance on their loan.		
Actors:	Customer		
Pre-Conditions:	Customer has logged into the system.		
Post-Conditions:	The customer viewed their remaining balance.		
Frequency of Use:	Whenever the customer would like to check the balance on their loan.		
Flow of Events:		Actor Action	System Response
	1.		System displays open accounts.
	2.	Customer selects the appropriate loan account.	System displays the loan home page where the balance is displayed.
Variations:			
Exceptions:	Customer does not have an open loan account. Therefore, the system doesn't display a loan account to select.		
Developer Notes:			

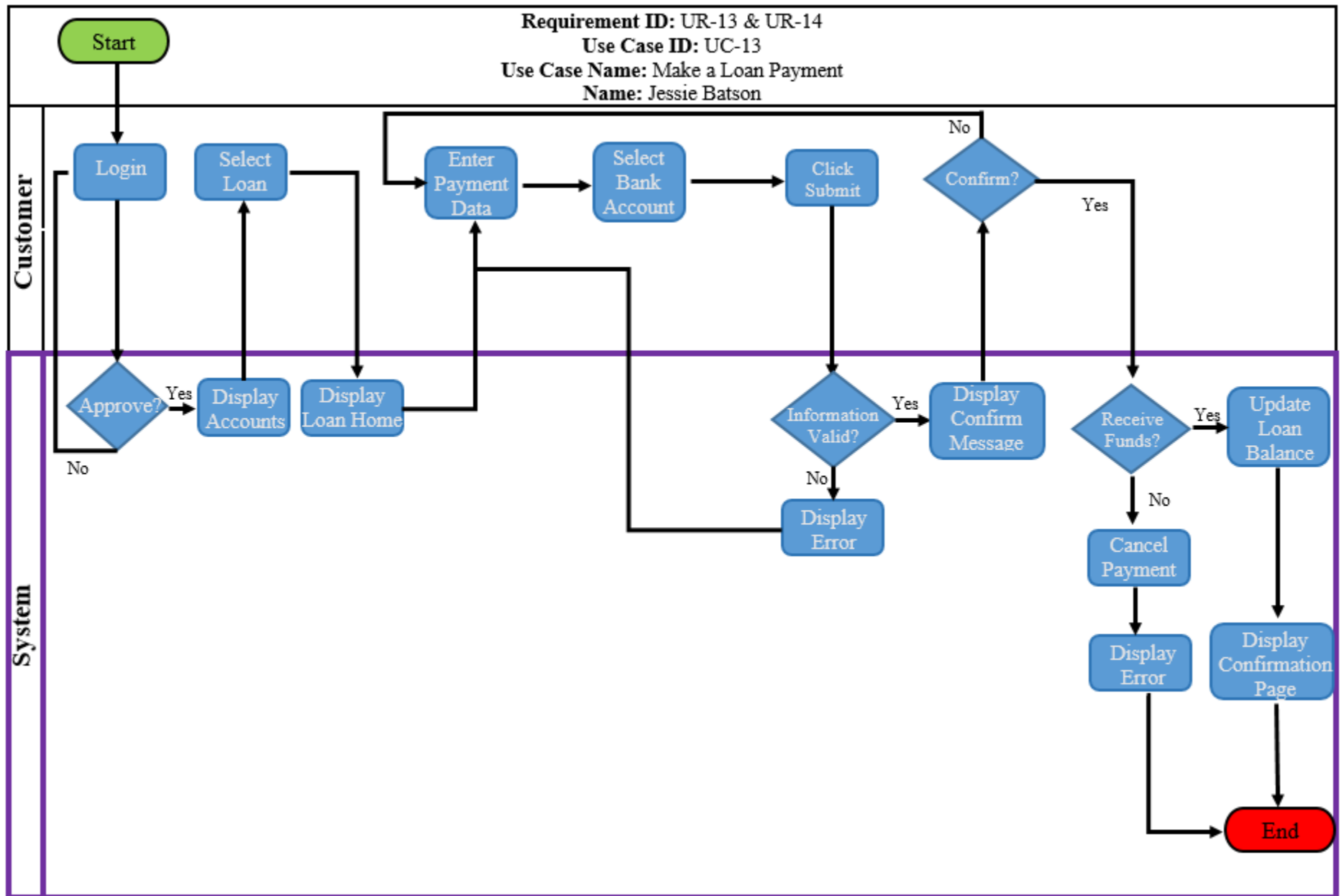
Use Case Documents (Continued):

Use Case ID:	UC-12		
Use Case Name:	View Payment History		
Description:	Customer can view their payment history.		
Actors:	Customer		
Pre-Conditions:	Customer has logged into the system.		
Post-Conditions:	The customer viewed their payment history.		
Frequency of Use:	Whenever the customer would like to view their payment history.		
Flow of Events:		Actor Action	System Response
	1.		System displays open accounts.
	2.	Customer selects the appropriate loan account.	System displays the loan home page. System populates the payment history table.
Variations:			
Exceptions:	Customer does not have an open loan account. Therefore, the system doesn't display a loan account to select.		
	The customer hasn't made any previous payments. Therefore, the system will not display any payment history.		
Developer Notes:			

Use Case Documents (Continued):

Use Case ID:	UC-13		
Use Case Name:	Make a Loan Payment		
Description:	Customer can make a payment on their loan using funds from their checking or savings account.		
Actors:	Customer		
Pre-Conditions:	Customer successfully loaded the login page.		
Post-Conditions:	Customer successfully submitted a payment.		
Frequency of Use:	Monthly or whenever the customer would like to make a payment.		
Flow of Events:		Actor Action	System Response
	1.	Customer has logged into the system.	System displays open accounts.
	2.	Customer selects the loan account they would like to make a payment on.	System displays the loan home page. System populates the drop-down menu with account information for payments.
	3.	Customer enters the date they would prefer the payment be made on.	
	4.	Customer enters the amount they would like to pay.	
	5.	Customer selects their account from the drop-down menu that they would prefer to use to make a payment.	
	6.	Customer selects the submit button.	System displays a confirmation window.
	7.	Customer selects the confirm button.	System confirms that the funds have been received.
	8.		System updates customer's account balance.
	9.		System displays a confirmation page with payment details.
Variations:	6. Customer didn't enter a date or amount they would like to pay. -The system displays an error message. 7. Customer selects the cancel button. -System closes the confirmation window, and the system does not send the funds, update the customer's balance, or display a confirmation page. 7. If the funds have not been received, the system cancels the payment, does not update the customer's balance, and displays an error.		
Exceptions:	Customer cannot get logged into the system. Customer does not have an open loan account. Therefore, the system doesn't display a loan account to select.		
Developer Notes:			

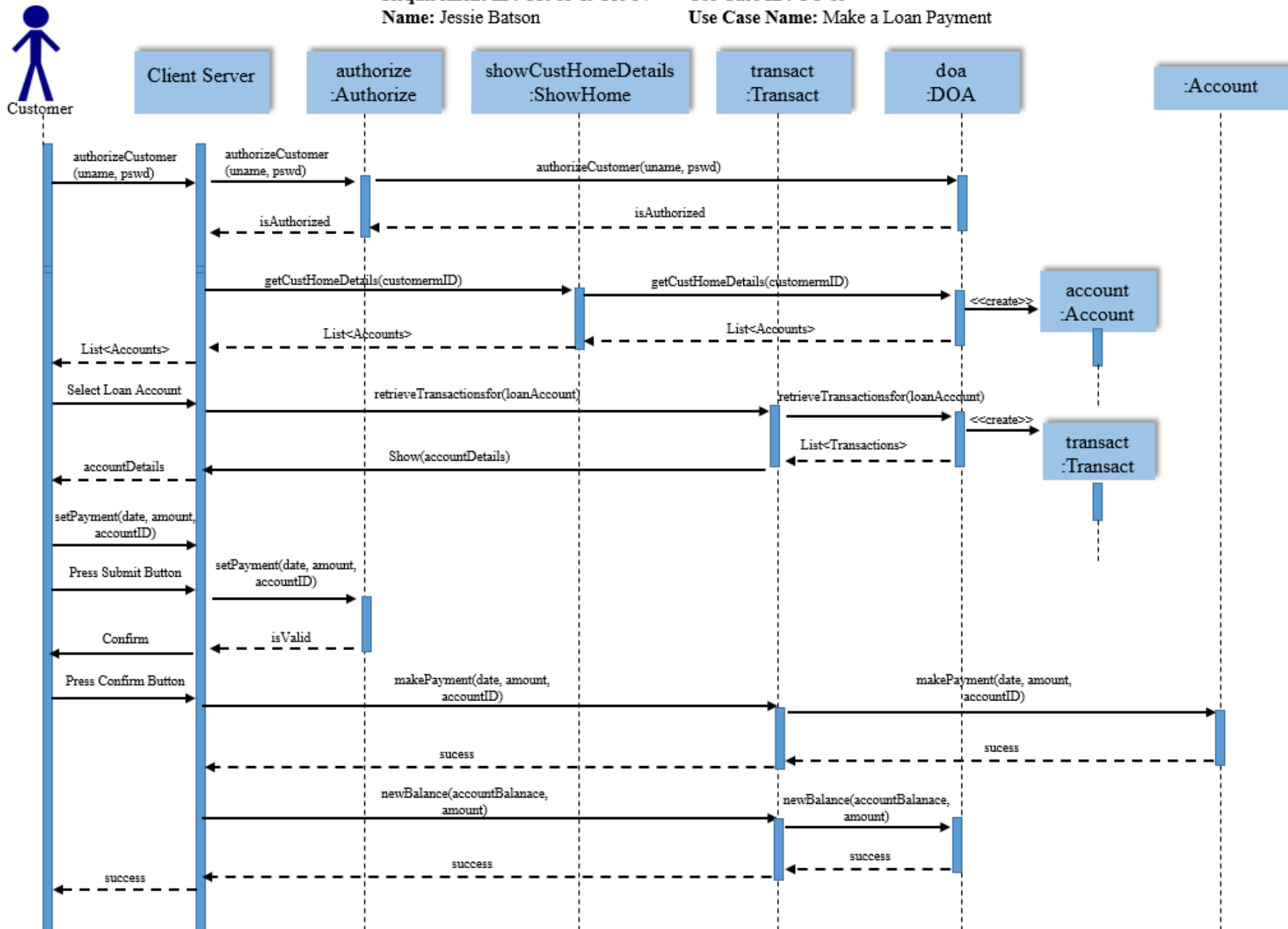
Activity Diagram:



Sequence Diagram: Payment Authorized

Requirement ID: UR-13 & UR-14
Name: Jessie Batson

Use Case ID: UC-13
Use Case Name: Make a Loan Payment



Sequence Diagram: Payment Denied

Requirement ID: UR-13 & UR-14
Name: Jessie Batson

Use Case ID: UC-13
Use Case Name: Make a Loan Payment

