

Rover's Team

Author (s): ROVER'S CREW

Version: ROS 1.0

USE CASE NAME:	User Registration	USE CASE TYPE Abstract: <input checked="" type="checkbox"/> Extension: <input type="checkbox"/>
USE CASE ID:		
PRIORITY:	High	
INVOKED BY:	User	
PARTICIPATING ACTORS:	<ul style="list-style-type: none"> • Primary Actor: User • Supporting Actor: System (Banking Application) 	
DESCRIPTION:	This process ensures that new user will able to create a bank account by registering the following information such as Name , Email , Address, Account Type , Password	
PRE-CONDITION:	<ul style="list-style-type: none"> • The user has access to the banking application's registration page. • The system is online and operational. 	
TYPICAL COURSE OF EVENTS:	<p>Step 1: The user navigates to the registration page of the banking application.</p> <p>Step 2: The user fills in the required personal information (name, email, phone number).</p> <p>Step 3: The user creates and confirms a password.</p> <p>Step 4: The user submits the registration form.</p> <p>Step 5: The system validates the provided information.</p> <p>Step 6: The system creates the user account and sends a confirmation email to the user.</p>	
ALTERNATE COURSES:	<p>□ Step 5a: If the provided information is incomplete or invalid, the system displays an error message prompting the user to correct the details.</p> <p>□ Step 5b: If the email is already registered, the system notifies the user to use a different email.</p>	
POST-CONDITION:	<ul style="list-style-type: none"> • A new user account is created and the user can log in to the banking system. 	

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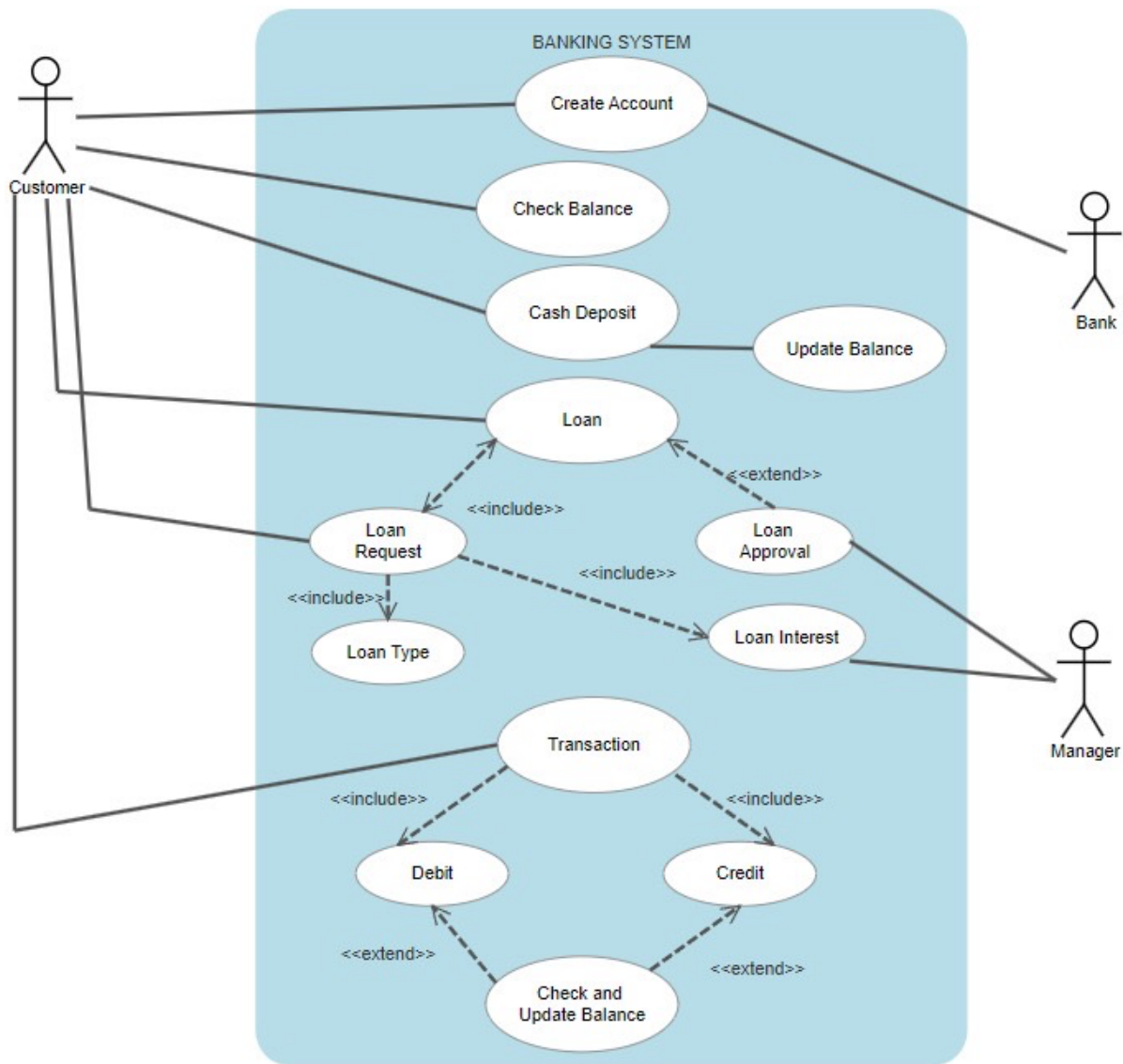
USE CASE NAME:	Transfer Funds	USE CASE TYPE Abstract: <input checked="" type="checkbox"/> Extension: <input type="checkbox"/>
USE CASE ID:		
PRIORITY:	High	
INVOKED BY:	User	
PARTICIPATING ACTORS:	<ul style="list-style-type: none"> • Primary Actor: User • Supporting Actor: System (Banking Application) 	
DESCRIPTION:	This use case describes the process by which a logged-in user transfers funds from their account to another account. The system validates the recipient's account details and ensures the user has sufficient funds before processing the transfer.	
PRE-CONDITION:	<input type="checkbox"/> The user is logged into the banking system. <input type="checkbox"/> The user's account has sufficient funds for the transfer. <input type="checkbox"/> The recipient account is valid and ready to receive funds.	
TYPICAL COURSE OF EVENTS:	<p>Step 1: The user navigates to the "Transfer Funds" section of the banking application.</p> <p>Step 2: The user enters the recipient's account details (account number etc.) and the amount they wish to transfer.</p> <p>Step 3: The system validates the recipient account details and checks if the user's account has sufficient funds for the transfer.</p> <p>Step 4: If the validation passes, the system processes the transfer and updates the user's account balance.</p> <p>Step 5: The system sends a confirmation of the successful transfer to the user.</p>	
ALTERNATE COURSES:	<input type="checkbox"/> Step 3a: If the recipient account details are incorrect or invalid, the system displays an error message and prompts the user to re-enter the information. <input type="checkbox"/> Step 3b: If the user does not have sufficient funds, the system displays a message informing the user of insufficient balance and aborts the transaction.	
POST-CONDITION:	<input type="checkbox"/> The funds are successfully transferred to the recipient account. <input type="checkbox"/> The user's account balance is updated accordingly. <input type="checkbox"/> A confirmation message or email is sent to the user confirming the successful transfer.	

USE CASE NAME:	Apply for a Loan	USE CASE TYPE Abstract: <input checked="" type="checkbox"/> Extension: <input type="checkbox"/>
USE CASE ID:		
PRIORITY:	High	
INVOKED BY:	User	
PARTICIPATING ACTORS:	<ul style="list-style-type: none"> • Primary Actor: User • Supporting Actor: System (Banking Application) 	
DESCRIPTION:	This use case describes how a user applies for a loan through the online banking system. The user provides personal and financial information, selects a loan type, and submits an application for processing. The system validates the input, processes the application, and informs the user about the status of the loan.	
PRE-CONDITION:	<ul style="list-style-type: none"> • The user has a registered account and is logged into the banking application. • The user has internet access to navigate the banking application. • The user meets any prerequisites for loan eligibility (if applicable). 	
TYPICAL COURSE OF EVENTS:	<p>Step 1: The user logs into the banking application and navigates to the loan application page by selecting the "Loans" option from the main menu.</p> <p>Step 2: The user views available loan options (e.g., personal loan, mortgage, auto loan) and selects the appropriate loan type.</p> <p>Step 3: The user fills out the loan application form, providing the following required information:</p> <ul style="list-style-type: none"> • Loan amount • Purpose of the loan • Employment status (e.g., employed, self-employed, unemployed) • Monthly income • Personal details (e.g., full name, address, date of birth, contact information) <p>Step 4: The system validates the input by:</p> <ul style="list-style-type: none"> • Ensuring all required fields are filled out. • Checking that the requested loan amount is within acceptable limits. • Confirming numeric fields (e.g., income) contain appropriate data. <p>Step 5: After reviewing their input, the user submits the loan application by clicking the "Submit" button.</p> <p>Step 6:</p>	

	<p>The system processes the loan application, evaluating the user's credit score, debt-to-income ratio, and other criteria, while possibly performing background checks.</p> <p>Step 7: The system provides the user with a confirmation message that their loan application has been submitted successfully and will be reviewed.</p> <p>Step 8: The user is informed about the estimated processing time for their loan application.</p>
<p>ALTERNATE COURSES:</p>	<ul style="list-style-type: none"> □ Step 4a: If the required fields are not filled out or the loan amount is outside acceptable limits, the system prompts the user to correct the input. □ Step 6a: If the system detects issues with the user's financial history (e.g., low credit score), the system may reject the application, inform the user, and suggest contacting customer service for further assistance.
<p>POST-CONDITION:</p>	<ul style="list-style-type: none"> □ The loan application is submitted for review and is under evaluation by the system.

USE CASE NAME:	View Latest Transactions	USE CASE TYPE Abstract: <input checked="" type="checkbox"/> Extension: <input type="checkbox"/>
USE CASE ID:		
PRIORITY:	Medium	
INVOKED BY:	User	
PARTICIPATING ACTORS:	<ul style="list-style-type: none"> • Primary Actor: User • Supporting Actor: System (Banking Application) 	
DESCRIPTION:	This use case describes how a logged-in user views their recent financial transactions in the banking application. The system retrieves and displays the most recent transactions (e.g., last 10 transactions) for quick review.	
PRE-CONDITION:	<input type="checkbox"/> The user is logged into the banking system. <input type="checkbox"/> The user has previously made transactions.	
TYPICAL COURSE OF EVENTS:	<p>Step 1: The user navigates to the "Recent Transactions" section in the banking application.</p> <p>Step 2: The system retrieves the user's most recent transactions, typically showing the last 10 transactions by default.</p> <p>Step 3: The system displays the transactions, including details such as:</p> <ul style="list-style-type: none"> • Transaction date • Description • Amount • Account balance after each transaction 	
ALTERNATE COURSES:	<p>Step 2a: If the user has no recent transactions, the system displays a message indicating no recent activity is available.</p>	
POST-CONDITION:	<ul style="list-style-type: none"> • The user views their latest financial transactions. • The system provides accurate and up-to-date transaction details. 	

UPDATES USE CASE DIAGRAM



GITHUB LINK

<https://github.com/Yogasri-9093/SEAMLESS-BANK>