

Homework 1 Submission

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Actors

Customer - A customer seeks to obtain a credit card from Sundevil Bank. The customer must fill out an online request form and submit it to the bank for processing.

David of Customer Services - David receives the online request forms and must transfer them to another actor when a card may be issued. David must determine whether the customer request meets the stipulations that warrant the issue of a credit card. David is also responsible for informing the customer of their card status.

Nancy of the Credit Card Center - Nancy receives the approved applications from David. Nancy then finalizes the details of the credit cards and produces the cards. The card is then sent to the customer via the mail.

Use Cases

Online Request - The online request is completed by the customer who desires a credit card. This use case includes the details of whether the customer has a bank account and their kind of credit.

Approval/Rejection Process - The approval/rejection process is what determines whether the customer will obtain a credit card or not. If approved, the customer will be informed that they were accepted; otherwise, the request will be archived and the customer will be informed of being rejected. This case uses the Online Request case.

Archive Request - Requests are archived when rejected. This use case extends the Approval/Rejection Process.

Approval/Rejection Notice - When a request is accepted or rejected, an email will be sent to the customer. This use case extends the Approval/Rejection Process.

Credit Card Details - Credit card information, like credit limit, card number, name on card, and expiration date are all finalized.

Credit Limit - Information on the credit limit is used for the card and the account. This is generalized by Credit Card Details.

Name on Card - Name of the card holder is put onto the card and account. This is generalized by Credit Card Details.

Card Number - The card number is put onto the card and account. This is generalized by Credit Card Details.

Expiration Date - The card expiration date is put onto the card. This is generalized by Credit Card Details.

Card Produced - The card is produced by the credit card center. The card is sent to the approved customer once produced. This use case includes Credit Card Details.

Card Shipped - Once the card is produced, it is shipped to the customer. This use case extends the Card Produced use case.

Use Case Diagram

