<Instructions: Remove These Instructions from Submitted Documents.   
Rename each submitted use case file ‘<NetID> Use Case <UC ID>.docx’ >

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| **Use Case ID** | UC 3 |
| **Use Case Name** | View transaction history |
| **Author Name** | Anshul Kumar |
| **Primary Actor** | Customer |
| **Actor’s Goal** | The actor wants to see their transaction history with the streaming service. |
| **Business Value** | IMPORTANT |

## Description

The actor clicks from the main page to view the transaction history. The system builds a table of the transaction history with dates and displays the table to the user.

## Main Success Scenario

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| **Step** | **Actor Action** | **System Response** |
| **1** | The actor clicks from the main page to view transaction history. | The system builds a table using the current transactions done with the actor and displays the table. |
| **2** | The customer views the table and sorts the table from newest to oldest. | The system builds a table with the desired sort and displays the new table. |

## Alternative Success Scenario 1: Search Transactions Successful

**Trigger Condition**: Actor clicks on the search to enter search parameters for transaction history.

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| **Step** | **Actor Action** | **System Response** |
| **1** | The actor clicks from the main page to view transaction history. | The system builds a table using the current transactions done with the actor and displays the table. |
| **2** | The actor clicks on search. | The system brings up a text box for the user to enter search parameter. |
| **3** | The actor enters a specific month and year. | The system searches the transaction history with the customer and finds the transaction from the given month and year. |

## Alternative Failure Scenario 2: Search Transactions Failure

**Trigger Condition**: Actor clicks on the search to enter search parameters for transaction history.

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| **Step** | **Actor Action** | **System Response** |
| **1** | The actor clicks from the main page to view transaction history. | The system builds a table using the current transactions done with the actor and displays the table. |
| **2** | The actor clicks on search. | The system brings up a text box for the user to enter search parameter. |
| **3** | The actor enters a specific month and year in which the user did not have any transaction history. | The system searches the transaction history with the customer and finds a transaction from the given month and year. Returns an error when no such transaction found. |

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| **Trigger Event** | Clicking from the main page to view the transaction history. |
| **Precondition** | * The user is logged in |
| **Frequency of Execution** | Depends on popularity of service. Assume 100 times/day |
| **Success Criteria (optional)** | Table of current transactions is displayed to user. |
| **Development Cost** | AVERAGE |

## UML Activity Diagrams

Diagram

Description automatically generated