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**GVT(Great Victoria Team)**

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Use-Case Specifications

Version 1.0

GVT	Version: 1.0a
Use-Case Specifications	Date: 3/31/2019

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# Use-Case Specifications

## 1. Use-Case Model

### 1.1. Introduction

Customers can display the movies according to time, rate and pay the movies via their credit or debit card through GVC Movie Ticket Purchase system.

### 1.2. General Actors Descriptions

#### Customer

Any persons interacting with the terminal to purchase a ticket or seek help.

#### Administrator

A person managing a movie information such as title, time, day, price and rate policy

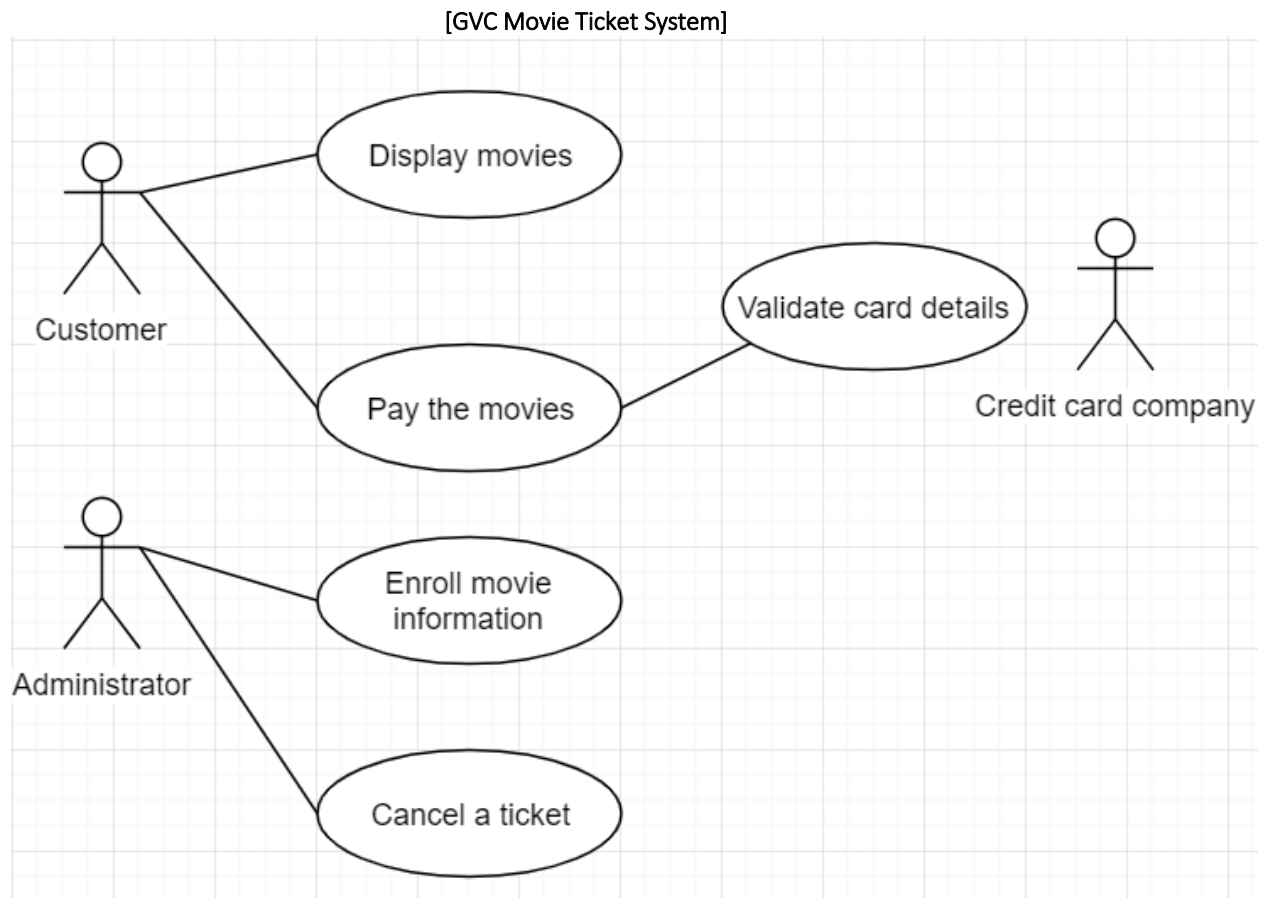
#### Movie Database

Files contain the data about movies, tickets and payment information

#### Payment System

Validate inputted card number and perform payment progress then return the result

### 1.3. Use-Case Model



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## 2. Use Cases

### 2.1. Use Case: Select Movie

Use Case Name:	Select Movie	Use Case ID:	UC001
Primary Actor:	Customer		
Description:	The customer can check movies through some conditions		
Triggering Event:	The customer selects conditions such as day, time and date.		
Steps Performed (Main Path)			
1. Select the search condition with date and rate			
2. Display the movies according to the conditions			
Extensions or Alternate Scenarios			
1a. The customer chooses the date condition			
1b. The customer chooses the rate condition			
Pre-Conditions:	A Customer chooses at least one condition		
Post-Conditions:	All results meet the search condition will be shown		
Assumptions:	The movies will be shown regardless of the available seats, error message will occur when a customer try to pay it		
Success Guarantee:	The results will be shown only based on date & time and rate conditions		
Outstanding Issues:	A customer chooses past time		
Priority:	HIGH		

### 2.2 Use Case: Pay Movie

Use Case Name:	Pay Movie	Use Case ID:	UC002
Primary Actor:	Customer, Credit Company		
Description:	The customer pays selected movies and gets the result from the credit company		
Triggering Event:	The customer already selected movies with proper age and available seats, then click the payment button		
Steps Performed (Main Path)			
1. Select the movies			
2. Input the age			
3. Choose payment method			
4. Input card number			
5. Print the receipt			
Extensions or Alternate Scenarios			
3a. Choose credit card payment			
3b. Choose debit card payment			
Pre-Conditions:	A customer chooses at least one movie		
Post-Conditions:	A customer can check the details paid		
Assumptions:	The result from the credit card company is always “completed”		
Success Guarantee:	A customer can print the receipt		
Outstanding Issues:	A customer inputs wrong card number with non-numeric values		
Priority:	HIGH		

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### 2.3 Use Case: Cancel a Movie

Use Case Name:	Cancel a Movie	Use Case ID:	UC003
Primary Actor:	Administrator, manager		
Description:	The staff cancels the ticket when a customer request		
Triggering Event:	A customer requests the cancellation		
Steps Performed (Main Path)			
1. A staff accepts the request cancellation from a customer			
2. Input the ticket number			
3. Change the status of ticket to be cancelled			
Extensions or Alternate Scenarios			
2a. Multi ticket numbers could be inputted at a time			
Pre-Conditions:	A customer requests a valid ticket for cancellation		
Post-Conditions:	A valid ticket cancelled successfully		
Assumptions:	The ticket is valid status		
Success Guarantee:	A valid ticket number should be modified to cancel status		
Outstanding Issues:	A customer forgot the ticket number and don't have the receipt		
Priority:	HIGH		

## 3 Class Diagram(s)