Anaiah Quinn, Erik LaNeave, Michael Ike, Ian Gutierrez
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Dr. Daniel Mejia
Programming Assignment 5

Use Case Scenarios

1.

Use Case:	Viewing event information
Description	Admin wants to view how many tickets were bought for a specific event
Pre-Condition	Admin has signed on to ticket miner
Post-Condition	Admin has viewed event information
Error	The event selected does not exist
System State during Error	It prompts the user to re-enter a valid event
Actor	Admin
Trigger	Admin wants to know how many tickets were bought for a certain event
Process	1. Admin enters name of an event 2. Admin selects the menu option to view event information
Alternative Process 1	1. Admin enters event ID of the event 2. Admin selects the menu option to view event information

2.

Name	Purchase Tickets for an Event
Description	The user wants to purchase tickets for a single event
Pre-Condition	Wants to purchase tickets
Post-Condition	Tickets are purchased
Error	The user inputs the incorrect ticket amount, ticket name, or event ID.
System State during Error	It gives the user a chance to reenter the ticket amount, the ticket name, and the event ID.
Actor	User
Trigger	User sees an event they want to go to and purchase tickets for it.
Process	1. Enter the ID of the event they would like to purchase. 2. Enter the ticket amount they want to purchase. 3. Enter the ticket type they want to purchase. 4. Verify that the user has enough funds and that tickets are available. 5. Prints the new invoice for the user.
Alternative Process 1	4a. Prompt the user with an option to cancel the purchase or attempt the purchase again with a different ticket amount or ticket type.

3.

Name	Cancel Event
Description	An event has been canceled and tickets need to be refunded
Pre-Condition	Event is canceled
Post-Condition	Customers can longer purchase tickets for the event
Error	Event entered does not exist
System State during Error	It prompts admin to re-enter the event
Actor	Admin
Trigger	Admin needs to cancel an Event
Process	1. Admin selects event by name 2. Admin changes event status to canceled 3. The system refunds tickets to customers 4. Admin makes event no longer purchasable
Alternative Process 1	1. Admin selects event by event ID 2. Admin changes event status to canceled 3. The system refunds tickets to customers 4. Admin makes event no longer purchasable