

### **3 Use Cases of the System**

#### **1. Booking an Event**

- **Actor:** Customer
- **Precondition:** Customer successfully logged in
- **Main Success Scenario:**
  1. Customer chooses an event to attend.
  2. Customer chooses a venue.
  3. Customer purchase the type and number of tickets.
  4. Customer confirms purchase.
  5. System generates an invoice.
- **Post-Condition:** Customer receives ticket with generated confirmation number.

#### **2. Automatic Ticket Purchase**

- **Actor:** Autopurchase System
- **Precondition:** Autopurchase.csv file is set up and ready to run
- **Main Success Scenario:**
  1. Autopurchase system reads the csv file
  2. For each entry, the system checks if the criteria(sufficient funds, ticket availability, etc) are met for purchase.
  3. If the criteria are met, the system continues to process the purchase.
  4. For each successful purchase an invoice is generated.
- **Postcondition:** Customer receives invoice for successful purchases.

#### **3. Creating a New Event**

- **Actor:** Administrator
- **Precondition:** Administrator successfully logs in.
- **Main Success Scenario:**
  1. Administrator selects option to create a new event.
  2. Administrator inputs the event details and confirms it.
  3. System generates a new event.
- **Postcondition:** New event is available to view and book.