

Abuse case name: buying all tickets for resale

Scope: College of Charleston Ticketing System

Level: misuse of core functionality

Primary user: Scalper/ticket reseller

Stakeholders: Potential customers who want tickets, investors , system maintainers

Preconditions:

- Tickets for sale
- Tickets are limited

Guarantee: the abuser is able to purchase all or almost all available stock for a ticket before many other people have had an opportunity to

Main success scenario: after attempting to purchase tickets in a large quantity, especially towards the beginning of the tickets availability, the abuser is blocked from going through with the transaction and is informed that they are only able to purchase a limited amount of tickets and thus the transaction cannot proceed

Extensions: the user is buying many tickets for a large group of people

Special Requirements: tickets have to be available, recently purchasable, and in demand

Operation: checkDemand(id)

Cross Reference: abuse case: purchasing all or most of a tickets stock

Preconditions: Ticket must be purchasable

Post conditions:

- The ticket is checked if its a high seller or if its brand new and if it is the user is unable to purchase requested amount
- If neither is true the requested amount is deemed fine to purchase and the user is not aware that the procedure even occurred