Lucas Damler, z1761739

CSCI 467 – 1, Assignment 2

Due:

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| **Req. No** | **Name of use Case** | **Boundary Object(s)**  **(i.e. actors)** | **Business Object(s)**  **[Include attributes for each object]** |
| 1 | Log in to GEM | Event staff, Event manager, COO | Employee   * First name * Last name * Employee ID * Phone number * Email * Log in credentials |
| 2 | Log out of GEM | Event staff, Event manages, COO | Event staff   * See Req 1, Employee   Event manager   * See Req 1, Employee   COO   * See Req 1, Employee |
| 3 | Create new artist | Event staff, Artist | Event staff   * See Req1 1, Employee   Artist   * First name * Last name * Middle initial * Gender * Address (Street, city, state, zip code) * Contact info (email, phone number) * Concert rate per event * Artist ID * Agent ID |
| 4 | Update existing artist | Event staff, Artist | Event staff   * See Req 1, Employee   Artist   * See Req 3, Artist |
| 5 | Create new agent | Event staff, Agent | Agent   * First name * Last name * Middle initial * Address (Street, city, state, zip code) * Contact info (email, office phone number, cell phone) * Agent ID * Managing ID |
| 6 | Update existing agent | Event staff, Agent | Event staff   * See Req 1, Employee   Agent   * See Req 5, Agent |
| 7 | Create new band | Event staff, Band | Event staff   * See Req 1, employee   Band   * Band name * Artist name * Band ID * Member title * Band concert rate * Special notes |
| 8 | Update existing band | Event staff, Band | Event staff   * See Req 1, Employee   Band   * See Req 7, Band |
| 9 | Create new vendor | Event staff, Vendor | Event staff   * See Req 1, employee   Vendor   * Business name * Address (Street, city, state, zip code) * Vendor type * Representative name * Vendor ID |
| 10 | Update existing vendor | Event staff, Vendor | Event staff   * See Req 1, Employee   Vendor   * See Req 9, Vendor |
| 11 | Create new event | Event staff, Event | Event staff   * See Req 1, Employee   Event   * Band/Artist name * Band/Artist ID * Address (Street, city, state, zip code) * Date * Strat-time * Status * Seating capacity * Special notes * Manager ID * Event ID |
| 12 | Update exiting event | Event staff, Event | Event staff   * See Req 1, Employee   Event   * See Req 11, Event |
| 13 | View event and approve event | Event manager, Event | Event manager   * See Req 1, Employee   Event   * See Req 11, Event |
| 14 | Generate event report | Event staff, Event manager, Event, Report | Event staff   * See Req 1, Employee   Event manager   * See Req 1, Employee   Event   * See Req 11, Event   Report   * Event name * Event status * Complete location * Date * Time * Band contact info * Vendor * Report ID |
| 15 | Generate report summary | Event staff, Event manager, COO, Event report summary | Event staff   * See Req 1, Employee   Event manager   * See Req 1, Employee   COO   * See Req 1, Employee   Event Report Summary   * Name * Status * Event Report * Tickets sold |

GEM System

Employee

* First name
* Last name
* Employee ID
* Phone number
* Email
* Log in credentials

Artist

* First name
* Last name
* Middle initial
* Gender
* Address (Street, city, state, zip code)
* Contact info (email, phone number)
* Concert rate per event
* Artist ID
* Agent ID

Agent

* First name
* Last name
* Middle initial
* Address (Street, city, state, zip code)
* Contact info (email, office phone number, cell phone)
* Agent ID
* Managing ID

Band

* Band name
* Artist name
* Band ID
* Member title
* Band concert rate
* Special notes

Vendor

* Business name
* Address (Street, city, state, zip code)
* Vendor type
* Representative name
* Vendor ID

Event

* Band/Artist name
* Band/Artist ID
* Address (Street, city, state, zip code)
* Date
* Strat-time
* Status
* Seating capacity
* Special notes
* Manager ID
* Event ID

Report

* Event name
* Event status
* Complete location
* Date
* Time
* Band contact info
* Vendor
* Report ID

Event Report Summary

* Name
* Status
* Event Report
* Tickets sold

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