Here is the class project - a Cruise Ship Activity Coordination system. Passengers can register for events. Event coordinators are the people responsible for coordinating the specific event - there are typically several events at a single time and each coordinator manages the activities of that single event. The events manager is responsible for overall coordination of events, creation of events and for each event coordinator.

1. Events Manager
   1. creates an event (date, time, location, duration)
   2. assigns an event coordinator to an event
   3. views events summary
   4. views details of a specific event
   5. modifies a specific event
2. Passenger
   1. requests event size of party, date, time, occasion type, duration
   2. view ~~and edit~~ reserved events
   3. ~~cancel reserved events~~
   4. registers
   5. view and update profile
3. Event Coordinator
   1. view summary of assigned events
   2. view details of an assigned event

Also have the standard functions like login, logout. Event manager and event coordinator are already pre-registered.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Event Name** | **Location** | **Capacity** | **Duration** | **Type** |
| Bowling 1 | Deck 8 | 10 | 60 min | Athletic |
| Bowling 2 | Deck 8 | 10 | Athletic | Athletic |
| Movie 1 | Deck 3 | 25 | 120 min | Show |
| Movie 2 | Deck 3 | 50 | 120 min | Show |
| Extreme Zipline | Deck 15 | 15 | 30 min | Athletic |
| Skycourse Ropes | Deck 14 | 8 | 30 min | Athletic |
| Ice Skating | Deck 9 | 35 | 60 min | Athletic |
| Go Karting | Deck 12 | 20 | 60 min | Athletic |
| Broadway Show | Deck 5 | 100 | 120 min | Show |
| Planetarium | Deck 7 | 100 | 60 min | Show |

All events open at 7am each day and close at 10pm.

Athletic events may be reserved twice per day and show events once per day. All events are finalized by the Passenger ~~entering his room number~~. There is no additional charge.

A Event Coordinator cannot be assigned to more than one event at the same time and is assigned for the duration of an event.

Other limitations (usage validations):

1. Reservations/day - athletic events may be reserved twice per day and show events once per day.
2. Only one Event Manager in the system
3. There are 8 Event Coordinators
4. Duration doesn't exceed end of day
5. Username is unique
6. Number of attendees doesn't exceed capacity

Passengers enter the following MINIMUM information for registration:

* 1. username (PK in db)
  2. password
  3. lastname
  4. firstname
  5. phone
  6. email
  7. room number
  8. deck number
  9. membership type (none, standard, superior, premium)

Project must use Java/JSP, Eclipse, MySQL