Metropolitan Convention Center Prototype Design Document

Summary

Create a web site where participants can sign-up and buy tickets for events held in the center’s main hall and meeting rooms.

High Level Requirements

The web site should have the following capabilities:

* Users can create a login for the site
* Users can log in to the site
* Users can look at the list of events
* Users can register for one or more events

Components

* Home page
* Create login
* Login page
* Event listing
* Registration page

Microservices

* Onboard a user
  + This microservice will create a profile/account for the user with the information captured from the create login
* User login (authenticate user)
  + This microservice will authenticate the credentials provided by the user
* Events
  + This microservice will provide a list of all events
* Event Registration
  + This microservice will register an authenticated user for a chosen event(s)

Other considerations:

* Does buy tickets and register for events the same thing or do they buy a ticket and then they are registered. Do we need a buy microservice and or a payment microservice?