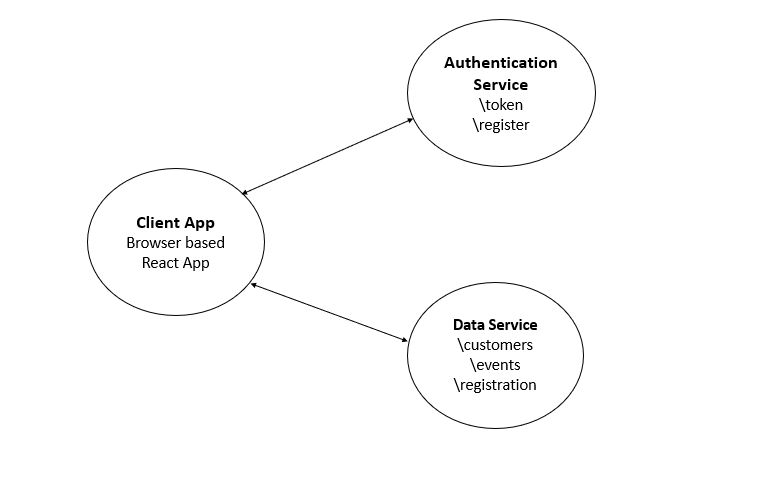
Metropolitan Convention Center Project

Developed by: Hampton Black and Hunter Thomas

**Diagram:**



**Component List:**

Client App:

* React App

Authentication Service:

* \token
* \register

Data Service:

* \customers
* \events
* \registration

**Authentication Service:**

* When accessing the client app, one will need to get a token to get access to the data services. To access the registration in data service, one will need to get a registration authentication service.

**Data Service:**

* Based off of the requirements, in the data services will be broken down into three different pages:
  + Customers
  + Events
  + Registration

Work Plan (high level):

* Create Customer endpoints
* Test Customer endpoints
* Create authentication API’s token endpoint
* Test token endpoint
* Secure the Data API service with filter that checks for JWT tokens
* Get token and test Customer endpoints including token
* Test APIs using the React client application

Work Plan (task backlog):

* Create local git repos
* Data API Code
* Auth API Code
* Implement Data API’s root endpoint
* Implement the Data API’s Customer GET endpoint
* Test created endpoints with postman REST tools
* Implement PUT, POST, and DELETE Customer API endpoints
* Test created endpoints with Postman
* Test customer endpoints using React client
* Implement Events and Registrations endpoints
* Test created endpoints with Postman
* Test created endpoints using React client
* Create Authentication API
* Implement token endpoint
* Test token endpoint using postman
* Test token endpoint using React client (the client’s login function uses the token endpoint)
* Add authentication filter to the Data API to require a JWT token to access services
* Try accessing Data API with authentication filter in place using Postman
* Test login and access to customers, events, and registrations records using the react client