## CPSC 449 - Back-End Engineering Swati Bade Sharvari Khedkar

## **Music System Project-3 Documentation**

Step 1: Start Sylladb

Command: docker start scylla

Step 2: Start kong

Command: ulimit -n 4096 && sudo kong start

**Step 3:** Start memcached Command: memcached

**Step 4:** Start Foreman Command: foreman start

Step 5: Run app.py file

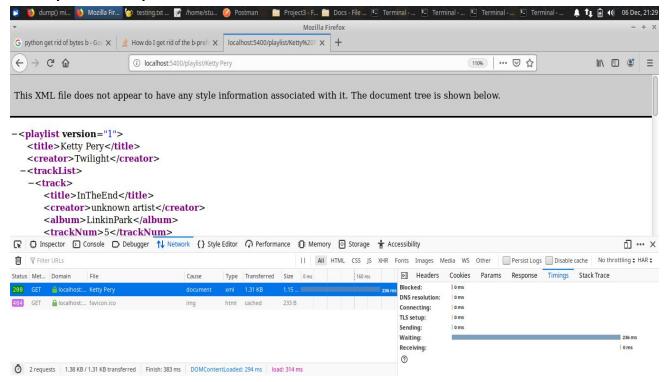
Command: python3 app.py test

Title	XSPF microservice: To get playlists xspf xml by title
URL	http://127.0.0.1:5400//playlist/ <playlist_title></playlist_title>
Method	GET
Request	
	http://localhost:5400/playlist/Ketty Pery
Response	<pre><playlist version="1" xmlns="http://xspf.org/ns/0/"></playlist></pre>
	<title>Ketty Pery</title>
	<pre><creator>Twilight</creator></pre>
	<tracklist></tracklist>
	<track/>
	<title>InTheEnd</title>
	<pre><creator>unknown artist</creator></pre>
	<album>LinkinPark</album>
	<tracknum>5</tracknum>
	<duration>1780</duration>
	<pre><location>http://localhost:9000/media/intheend.mp3</location></pre>

```
</track>
        <track>
            <title>Incomplete</title>
            <creator>Backstreet Boys</creator>
            <album>Incomplete</album>
            <trackNum>None</trackNum>
            <duration>1720</duration>
<location>http://localhost:9000/media/Incomplete.mp3</location>
        </track>
        <track>
            <title>ThousandYears</title>
            <creator>Ketty Pery</creator>
            <album>Twilight</album>
            <trackNum>4</trackNum>
            <duration>1700</duration>
<location>http://localhost:9000/media/thousandyears.mp3</location>
        </track>
        <track>
            <title>Familiar</title>
            <creator>Liam Payne</creator>
            <album>Familiar</album>
            <trackNum>6</trackNum>
            <duration>1780</duration>
<location>http://localhost:9000/media/familiar.mp3</location>
       </track>
   </trackList>
</playlist>
```

Expiration time for JSON Object in memcache is 120s (2 minutes)

## Time Spent for Response from Microservices: 236 ms



## Time Spent for Response from Memcached Object: 171 ms

