

Database Data Documentation:

Custom User Database: stores documents for each user. Extended from User Model built in to Django. The fields importantly taken advantage of are:

```
{  
  "Spotify Username": "Grace C Michnovicz"  
  "Spotify ID" : "112398101" or "pippidebree-us" (either a unique numeric string if spotify  
account was created with facebook, or a unique username if not)  
  "Default Location" : "Boston, MA" (set on account creation using Google Maps Geocoding  
Autocomplete API, user has the option to change this in the UI.)  
}
```

Data Caching:

Each user session, all information found depending on the actions is stored locally in the session cache, to avoid excessive API calls per session. This also allows for movement between pages, as each route to the chosen show is based on the key in the session cache, that way, when that route is requested, the show information can quickly be found from the cache based on the route key.

```
{ "Anderson.Paak":  
  { "eventname": "_____",  
    "url": "http://www.....",  
    "venueAddr": "128 New St...",  
    "venueName": "Orpheum Theatre",  
    "venueLat" : 128.001,  
    "venueLong" : 98.0311,  
    "imgURL": "http://www...",  
    "datetime": "12/01/2018 at 12:00",  
    "Info" : "_____"  
  }  
  , "Drake":  
    { "eventname": "_____",  
      "url": "http://www.....",  
      "venueAddr": "128 New St...",  
      "venueName": "Orpheum Theatre",  
      "venueLat" : 128.001,  
      "venueLong" : 98.0311,  
      "imgURL": "http://www...",  
      "datetime": "12/01/2018 at 12:00",  
      "Info" : "_____"  
    }  
}
```