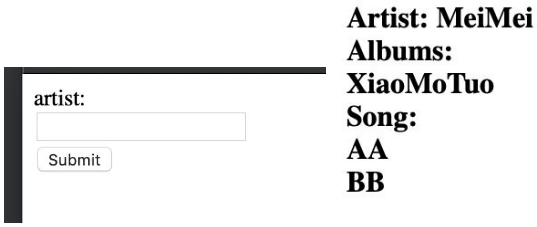
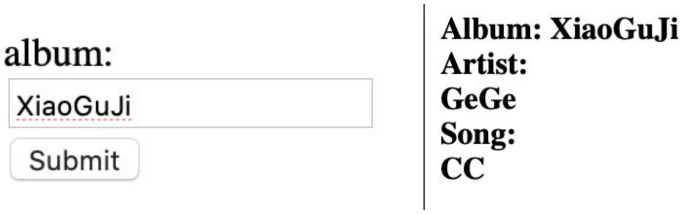
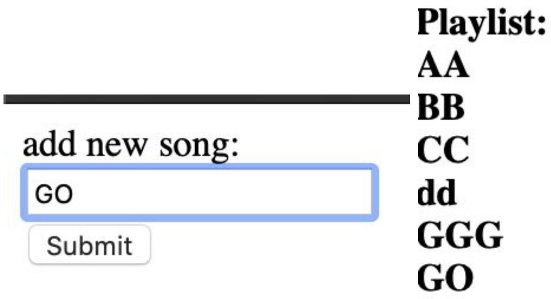
- A description of how to run and test your code
    - Searching by artists (http://localhost:8081/artist). Input the name of the artist and submit, then it will print out the artist name, albums, and songs for this artist in the database.
    - 

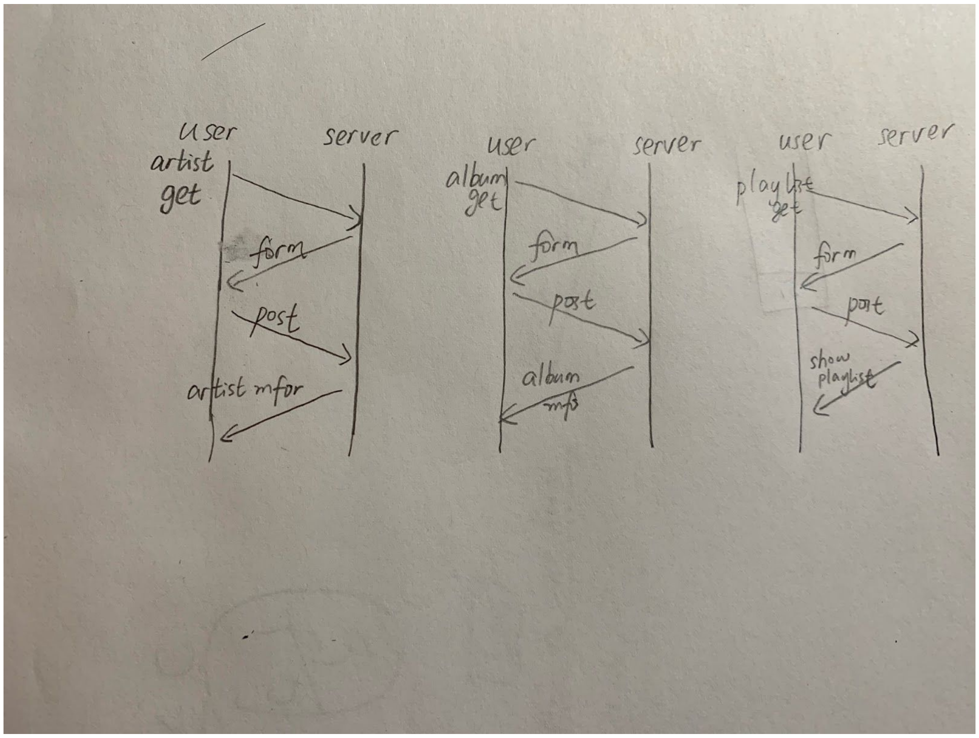
      Artist: MeiMei
      Albums:
      XiaoMoTuo
      Song:
      AA
      BB
    - Searching by Album (http://localhost:8081/album). Input the name of the album and submit, then it will print out album, artist and the songs in this album in the database.
    - 

      XiaoGuJi

      Album: XiaoGuJi
      Artist:
      GeGe
      Song:
      CC
    - Create playlist (http://localhost:8081/playlist). Input another song or leave it empty and then submit, it will print out the existing songs in the playlist. In the database
    - 

      GO

      Playlist:
      AA
      BB
      CC
      dd
      GGG
      GO
- a description of each of the features you implemented, both from:
    - A user perspective: how does it work? What is the user's experience?
        - Searching by artists. User inputs an artist, it will print out album, artist and the songs in this album

        - Searching by Album. User input an album and submit, then it will print out the album, artist and the songs in this album.
        - Create a playlist. User can add songs to the playlist and will show the full playlist after each add operation.
    - A developer perspective: how is it implemented?
        - Searching by artists. Get the artist information based on the user input name in the database. And use artist id to fetch album and song information in the database.
        - Searching by Album. Get the album information based on the user input name in the database. And use album id to fetch artist and song information in the database.
        - Create a playlist. Each time get a new song, will update the playlist database. And then get all the songs in the playlist database.
- The sequence diagram from lab 7, extended as necessary
    - 
user
server
artist get
form
post
artist infor
user
server
album get
form
post
album info
user
server
playlist get
form
post
show playlist