

Music Library

Lists songs from the DJ's iTunes music library.

User Searches by letter, eg, "A", "D", etc

User Searches by keyword, like "Bowie" of "Sufjan" or "boys"

List if all songs that matched the search criteria

User requests a song

Screen asks for the name of the person who requested the song, and for whom the request is dedicated

Success! or Failure.

1

Search request sent to server

Songlist returned to webserver in XML format

2

Request sent to server

Response to webserver stating whether the request failed or was successful

Python (?) Server

iTunes XML DB is searched and queried to return the appropriate song list, and sent back the website via XML

Request is made with a unique song ID, along with a "requested by" and "dedicated to" information.

New requests XML dump file

Periodically reads file for new requests

Objc App (Request Lister)

Add song to the request list using the song's unique ID number (will have to retrieve song name / artist from iTunes)