I have list of songs I frequently play. But the problem is that they are too many. So I have to find a way to store them so that I can easily retrieve them if I want to randomly select a song, maybe by song title or artiste.

Below are the diagram and the schema.

Artists

Pk; ArtistId {int}

ArtistName {varchar:100}

Country {varchar: 30}

Albums

Pk; AlbumID {int}

AlbumName {varchar:50}

RelaseDate {date}

Genre {varchar: 30}

ArtistId {int}

Songs

Pk; SongID {int}

SongName {varchar:50}

SongTitle {varchar: 50}

Length: {datetime}

Size{int}

AlbumId {int}

-- Table structure for table `albums`

CREATE TABLE IF NOT EXISTS `albums` (

`AlbumId` int(11) NOT NULL,

`AlbumName` varchar(50) NOT NULL,

`RelaseDate` date DEFAULT NULL,

`Genre` varchar(30) DEFAULT NULL,

`ArtistId` int(11) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- Table structure for table `artist`

CREATE TABLE IF NOT EXISTS `artist` (

`ArtistId` int(11) NOT NULL,

`ArtistName` varchar(100) NOT NULL,

`Country` varchar(50) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- Table structure for table `songs`

CREATE TABLE IF NOT EXISTS `songs` (

`SongId` int(11) NOT NULL,

`SongName` varchar(50) NOT NULL,

`SongTitle` int(50) NOT NULL,

`Length` datetime DEFAULT NULL,

`Size` int(11) DEFAULT NULL,

`AlbumId` int(11) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- Indexes for table `albums`

ALTER TABLE `albums`

ADD PRIMARY KEY (`AlbumId`), ADD KEY `ArtistId` (`ArtistId`);

-- Indexes for table `artist`

ALTER TABLE `artist`

ADD PRIMARY KEY (`ArtistId`);

-- Indexes for table `songs`

ALTER TABLE `songs`

ADD PRIMARY KEY (`SongId`), ADD KEY `AlbumId` (`AlbumId`);

-- AUTO\_INCREMENT for table `albums`

ALTER TABLE `albums`

MODIFY `AlbumId` int(11) NOT NULL AUTO\_INCREMENT;

-- AUTO\_INCREMENT for table `artist`

ALTER TABLE `artist`

MODIFY `ArtistId` int(11) NOT NULL AUTO\_INCREMENT;

-- AUTO\_INCREMENT for table `songs`

ALTER TABLE `songs`

MODIFY `SongId` int(11) NOT NULL AUTO\_INCREMENT;

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-- Constraints for table `albums`

--

ALTER TABLE `albums`

ADD CONSTRAINT `albums\_ibfk\_1` FOREIGN KEY (`ArtistId`) REFERENCES `artist` (`ArtistId`);

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-- Constraints for table `songs`

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ALTER TABLE `songs`

ADD CONSTRAINT `songs\_ibfk\_1` FOREIGN KEY (`AlbumId`) REFERENCES `albums` (`ArtistId`);