

## User Story:

User Story - Finds Two Songs and Proceeds to purchase

### 1. Basic Flow

{Enters Website}

(1) The user enters website and a list of all the sites top singles are displayed.

{Searches for song}

(2) The user searches the list of songs by scrolling down the list looking through at each song.

{Finding a Song}

(3) The user finds a song that they like and select the add to cart checkbox.

(4) The user sees another song that they want but forget to click the add to cart button.

{Proceeds to Checkout}

(5) The user goes to the bottom of the page and selects the "Buy Now" button.

(6) The user is redirected to the shopping cart page and is able to see the items in the shopping cart

(6) Only seeing one song in their shopping cart, they select the "Go back to Music Store" link.

(7) The user finds the song they forgot to add to cart and selects the checkbox and heads back to shopping cart by hitting the "Buy Now" button.

(8) Now the two songs that the user wanted to purchase are now in the shopping cart and the total price is displayed under the songs.

### 2. Alternative Flow

#### 2.1 User Searches Songs by Genre Sort

At{Searches for song}, the user searches using the search by genre option.

1. The user clicks the search by genre drop down tab and a list of genres are available.

2. The user selects Hip Hop and then clicks the "Submit Query" button.

3. All the songs with the genre Hip Hop Appear

{Finding a Song}

4. The song the at the user is looking for is available for purchase.

5. The user selects the add to cart check box.

{Proceeds to Checkout}

6. The user pushes the "Buy Now" button.

7. The user is redirected to their shopping cart that shows the song and the price of the song they want.

## 2.2 User is on a budget

At {Search for Song} the user only has \$2.99 to spend.

1. The user clicks on the sort by price drop down menu and selects the low to high option.

2. All the songs are sorted by cheapest price to most expensive.

{Finding a Song}

3. The user searches through the songs that are within their price range.

4. The user doesn't find a song that he wants within his budget.

{Exit Site}

5. The user exits the website.

## 2.3 User Searches by Artist

At {Search for Song} the user has a particular artist they are looking for

1. The user enters the name of the artist inside of the search artist text box.

2. The name of the Artist is not within the database.

3. A message is displayed to the user, "Nothing Found".

{Exit Site}

4. The user exits the website.

## 2.4 User Forgets to Add Item to Cart

At {Finding a Song} user hits "Buy Now" button but no songs are selected

1. The user finds the song that they want to purchase but forget to click the add to cart checkbox.

2. The page refreshes and the user remains on the same page that displays all the songs.

3. The user then selects the add to cart button.

{Proceeds to Checkout}

6. The user pushes the "Buy Now" button.

7. The user is redirected to their shopping cart that shows the song and the price of the song they want.

## Database Schema:

MusicStore

Create Table Songs (

songId int(20) auto\_increment,

```
    songName    varchar(50),
    artist      varchar(50),
    length      varchar(10),
    genreID     int(11)

    primary key (songId)
    foreign key (genreID) references Genres
);
```

Create Table Catalog(

```
    songId      int(11),
    price       varchar(10),
    pictureLink varchar(120),

    Foreign key (songId) references Songs
);
```

Create Table Genres(

```
    genreID     int(11) auto_increment,
    genre       varchar(40),


    primary key (genreID)
);
```

**Mock Up**

# THE Music STORE

Cart(0)

Search By:

Artist	Song	Price	Add to Cart
A	AA	\$0.99	<input type="checkbox"/>
B	AB	\$1.99	<input checked="" type="checkbox"/>
C	AC	\$1.99	<input type="checkbox"/>
D	AD	\$0.99	<input type="checkbox"/>
E	AE	\$2.99	<input checked="" type="checkbox"/>
F	AF	\$2.99	<input type="checkbox"/>
G	AG	\$0.99	<input type="checkbox"/>
H	AH	\$1.99	<input type="checkbox"/>
I	AI	\$0.99	<input type="checkbox"/>
J	AJ	\$0.99	<input type="checkbox"/>
K	AK	\$1.99	<input type="checkbox"/>
L	AL	\$2.99	<input type="checkbox"/>
M	AM	\$0.99	<input type="checkbox"/>
N	AN	\$0.99	<input type="checkbox"/>
O	AO	\$2.99	<input type="checkbox"/>
P	AP	\$1.99	<input checked="" type="checkbox"/>
Q	AQ	\$2.99	<input checked="" type="checkbox"/>
<div> <div>Album Art</div>  </div>		length 3:54	<input type="checkbox"/>
		genre Bluegrass	<input type="checkbox"/>
		\$0.99	<input type="checkbox"/>
		\$1.99	<input type="checkbox"/>
		\$2.99	<input type="checkbox"/>
		\$1.99	<input type="checkbox"/>
		\$2.99	<input type="checkbox"/>
		\$0.99	<input type="checkbox"/>
		\$0.99	<input type="checkbox"/>
		\$0.99	<input type="checkbox"/>

BUY NOW

## Shopping Cart

← Back to Songs 🎧 Shopping Cart 🎧

Artist	Song	Price
B	AB	\$1.99

E	AE	\$2.99
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Items	Total Price
2	\$4.98

Process