Laravel for Beginners 07

Delete a Song

Delete an existing song

- Add this route to the web.php
  and check it in the routing table:

```
Route::delete('songs/delete/{song}', 'SongController@destroy')->name('songs.destroy');
```

```
D:\MyLaravelProjects\LaravelBasics01>php artisan route:list
+--------+-----------+---------------------+----------------+-----------------------------------------------------+--------------+
| Domain | Method    | URI                 | Name           | Action                                              | Middleware   |
+--------+-----------+---------------------+----------------+-----------------------------------------------------+--------------+
|        | GET|HEAD  | /                   |                | Closure                                             | web          |
|        | GET|HEAD  | api/user            |                | Closure                                             | api,auth:api |
|        | GET|HEAD  | hello               |                | App\Http\Controllers\MyFirstController@sayHello     | web          |
|        | GET|HEAD  | songs               | songs.index    | App\Http\Controllers\SongController@index           | web          |
|        | POST      | songs               | songs.store    | App\Http\Controllers\SongController@store            | web          |
|        | GET|HEAD  | songs/create        | songs.create   | App\Http\Controllers\SongController@create           | web          |
|        | DELETE    | songs/delete/{song} | songs.destroy  | App\Http\Controllers\SongController@destroy           | web          |
|        | GET|HEAD  | songs/edit/{song}   | songs.edit     | App\Http\Controllers\SongController@edit              | web          |
|        | PATCH     | songs/update/{song} | songs.update   | App\Http\Controllers\SongController@update            | web          |
|        | GET|HEAD  | songs/{song}        | songs.show     | App\Http\Controllers\SongController@show              | web          |
+--------+-----------+---------------------+----------------+-----------------------------------------------------+--------------+
```

Add the Delete-Link

- Add this form to the index.blade.php:

- The form is rendered as follows:

```
<form method="POST" action="http://localhost:9999/songs/delete/1">
   <input type="hidden" name="_token" value="zB2i…vp7HvJn">
   <input type="hidden" name="_method" value="delete">
   <button type="submit">Delete</button>
</form>
```

```html
<html>
<body>
<h2>All Songs</h2>
<table border="1">
    <thead>
        <th>Id</th>
        <th>Title</th>
        <th>Artist</th>
        <th>Album</th>
        <th colspan="3">Actions</th>
    </thead>
    <tbody>
        @foreach($songs as $s)
        <tr>
            <td>{{ $s->id }}</td>
            <td>{{ $s->title }}</td>
            <td>{{ $s->artist }}</td>
            <td>{{$s->album }}</td>
            <td>
                <a href="{{ route('songs.show', $s->id) }}">Show</a>
            </td>
            <td>
                <a href="{{ route('songs.edit', $s->id) }}">Edit</a>
            </td>
            <td>
                <form method="POST" action="{{ route('songs.destroy', $s->id) }}">
                    @csrf
                    @method('delete')
                    <button type="submit">Delete</button>
                </form>
            </td>
        </tr>
        @endforeach
    </tbody>
</table>
<a href="{{ route('songs.create')}}">Create</a>
</body>
</html>
```

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Implement the destroy() method in the SongController

```php
public function destroy($id)
{

    $song = Song::find($id);
    $song->delete();
    return redirect()->route('songs.index');

}
```

GET http://localhost:9999/songs/delete/1

http:// some-page

songs.destroy
ROUTES

MODEL

$song = Song::find($id)
$song->delete()

SongController@destroy
CONTROLLER

index.blade.php
VIEW

Delete from songs where ...

DATABASE