Song Delete Button

Beethoven Sonatas

Song	Artist
Piano Sonata No. 3	Beethoven
Piano Sonata No. 7	Beethoven
Piano Sonata No. 10	Beethoven

playlist-store.js

```javascript
const playlistStore = {

  playlistCollection:...

  getAllPlaylists() {
    return this.playlistCollection;
  },

  getPlaylist(id) {
    return _.find(this.playlistCollection, { id: id });
  },
};
```

playlist-store.json

```json
"playlistCollection": [
  {
    "id" : "01",
    "title": "Beethoven Sonatas",
    "duration": 35,
    "songs": [
      {
        "id" : "04",
        "title": "Piano Sonata No. 3",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration": 5
      },
      {
        "id" : "05",
        "title": "Piano Sonata No. 7",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration": 6
      },
      {
        "id" : "06",
        "title": "Piano Sonata No. 10",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration": 4
      }
    ]
  },
  {
    "id" : "02",
    "title": "Beethoven Concertos",
    "duration": 23,
    "songs": [
      {
        "id" : "07",
        "title": "Piano Concerto No. 0",
        "artist": "Beethoven",
```

playlist.js

```javascript
index(request, response) {
  const playlistId = request.params.id;
  logger.debug('Playlist id = ', playlistId);
  const viewData = {
    title: 'Playlist',
    playlist: playlistStore.getPlaylist(playlistId),
  };
  response.render('playlist', viewData);
},
```

Beethoven Son

Song	Artist
Piano Sonata No. 3	Beethoven
Piano Sonata No. 7	Beethoven
Piano Sonata No. 10	Beethoven

playlist.js

```javascript
index(request, response) {
  const playlistId = request.params.id;
  logger.debug('Playlist id = ', playlistId);
  const viewData = {
    title: 'Playlist',
    playlist: playlistStore.getPlaylist(playlistId),
  };
  response.render('playlist', viewData);
},
```

```json
{
  "id" : "01",
  "title": "Beethoven Sonatas",
  "duration": 35,
  "songs": [
    {
      "id" : "04",
      "title": "Piano Sonata No. 3",
      "artist": "Beethoven",
      "genre": "Classical",
      "duration": 5
    },
    {
      "id" : "05",
      "title": "Piano Sonata No. 7",
      "artist": "Beethoven",
      "genre": "Classical",
      "duration": 6
    },
    {
      "id" : "06",
      "title": "Piano Sonata No. 10",
      "artist": "Beethoven",
      "genre": "Classical",
      "duration": 4
    }
  ]
},
```

playlist.hbs

```handlebars
{{> menu}}

<section class="ui segment">
  <h2 class="ui header">
    {{playlist.title}}
  </h2>
  {{> listsongs}}
</section>
```

listsongs.hbs

```handlebars
<table class="ui table">
  <thead>
    <tr>
      <th>Song</th>
      <th>Artist</th>
      <th></th>
    </tr>
  </thead>
  <tbody>
    {{#each playlist.songs}}
    <tr>
      <td>
        {{title}}
      </td>
      <td>
        {{artist}}
      </td>
    </tr>
    {{/each}}
  </tbody>
</table>
```

Beethoven Sonatas

Song	Artist	
Piano Sonata No. 3	Beethoven	
Piano Sonata No. 7	Beethoven	
Piano Sonata No. 10	Beethoven	

playlist.hbs

```
{{> menu}}

<section class="ui segment">
  <h2 class="ui header">
    {{playlist.title}}
  </h2>
  {{> listsongs}}
</section>
```

listsongs.hbs

```
<table class="ui table">
  <thead>
    <tr>
      <th>Song</th>
      <th>Artist</th>
      <th></th>
    </tr>
  </thead>
  <tbody>
    {{#each playlist.songs}}
    <tr>
      <td>
        {{title}}
      </td>
      <td>
        {{artist}}
      </td>
    </tr>
    {{/each}}
  </tbody>
</table>
```

Beethoven Sonatas

Song	Artist	
Piano Sonata No. 3	Beethoven	
Piano Sonata No. 7	Beethoven	
Piano Sonata No. 10	Beethoven	

Beethoven Sonatas

Song	Artist	
Piano Sonata No. 3	Beethoven	**Delete Song**
Piano Sonata No. 7	Beethoven	**Delete Song**
Piano Sonata No. 10	Beethoven	**Delete Song**

What should clicking this button do?

Delete Song Feature

Piano Sonata No. 3   Beethoven   **Delete Song**

Send REQUEST to Playlist Controller

Containing ID of Playlist
+ ID of song to delete

Playlist controller should delete the song
Then refresh the playlist view

```
"playlistCollection": [
    {
        "id" : "01",
        "title": "Beethoven Sonatas",
        "duration": 35,
        "songs": [
            {
                "id" : "04",
                "title": "Piano Sonata No. 3",
                "artist": "Beethoven",
                "genre": "Classical",
                "duration": 5
            },
            {
                "id" : "05",
                "title": "Piano Sonata No. 7",
                "artist": "Beethoven",
                "genre": "Classical",
                "duration": 6
            },
            {
                "id" : "06",
                "title": "Piano Sonata No. 10",
                "artist": "Beethoven",
                "genre": "Classical",
                "duration": 4
            }
        ]
    },
    {
        "id" : "02",
        "title": "Beethoven Concertos",
        "duration": 23,
        "songs": [
            {
                "id" : "07",
                "title": "Piano Concerto No. 0",
                "artist": "Beethoven",
```
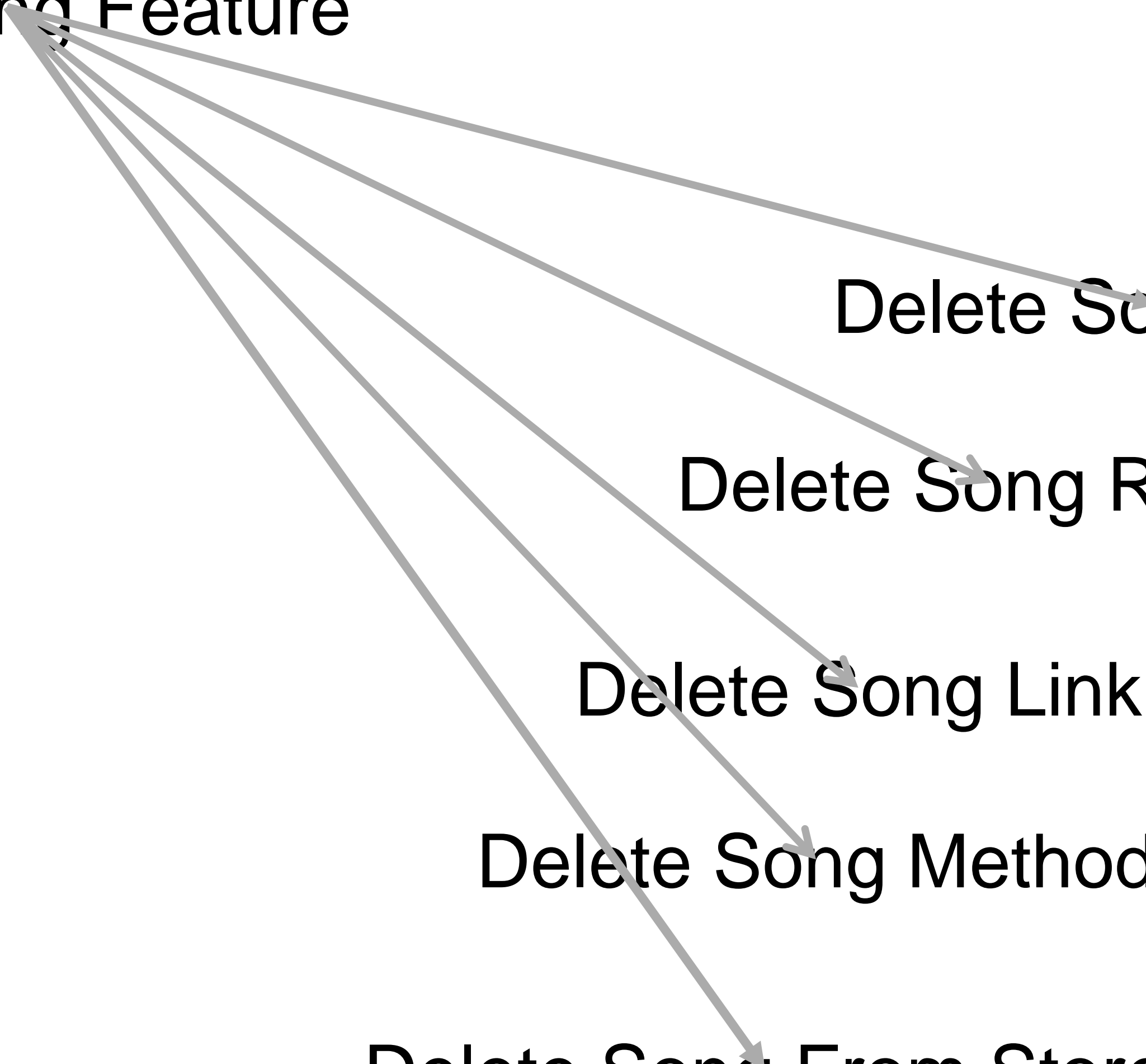
Delete Song Feature

Delete Song Button

Delete Song Route

Delete Song Link

Delete Song Method

Delete Song From Store

playlist.hbs

```handlebars
{{> menu}}

<section class="ui segment">
  <h2 class="ui header">
    {{playlist.title}}
  </h2>
  {{> listsongs}}
</section>
```

listsongs.hbs

Delete Song Button

```handlebars
<table class="ui table">
  <thead>
    <tr>
      <th>Song</th>
      <th>Artist</th>
      <th></th>
    </tr>
  </thead>
  <tbody>
    {{#each playlist.songs}}
    <tr>
      <td>
        {{title}}
      </td>
      <td>
        {{artist}}
      </td>
        <td>
  <a class="ui tiny red button">Delete Song</a>
</td>
    </tr>
    {{/each}}
  </tbody>
</table>
```

Beethoven Sonatas

Song	Artist	
Piano Sonata No. 3	Beethoven	Delete Song
Piano Sonata No. 7	Beethoven	Delete Song
Piano Sonata No. 10	Beethoven	Delete Song

Delete Song Route

```
router.get('/playlist/:id/deletesong/:songid', playlist.deleteSong);
```

Delete Song Route

```
router.get('/playlist/:id/deletesong/:songid', playlist.deleteSong);
```

ID of Playlist
containing song
to delete

ID of song to
delete

Delete Song Link

```html
<table class="ui table">
  <thead>
    <tr>
      <th>Song</th>
      <th>Artist</th>
      <th></th>
    </tr>
  </thead>
  <tbody>
   {{#each playlist.songs}}
    <tr>
      <td>
        {{title}}
      </td>
      <td>
        {{artist}}
      </td>
        <td>
<a href="/playlist/{{../playlist.id}}/deletesong/{{id}}" class="ui tiny red button">Delete Song</a>
</td>
    </tr>
   {{/each}}
  </tbody>
</table>
```

id of playlist   id of song

Piano Sonata No. 3   Beethoven   Delete Song

Delete Song Method

Get ID of Playlist

Get ID of Song

Delete Song from Playlist

Refresh the Current
Page

```javascript
const playlist = {

  ...

  deleteSong(request, response) {

    const playlistId = request.params.id;


    const songId = request.params.songid;


    playlistStore.removeSong(playlistId, songId);

    response.redirect('/playlist/' + playlistId);
  },

};
```

Redirect -> Refresh the '/playlist/id' route

Delete Song From Store

```
const playlistStore = {

  playlistCollection: require('./playlist-store.json').playlistCollection,

  getAllPlaylists() {
    return this.playlistCollection;
  },

  getPlaylist(id) {
    return _.find(this.playlistCollection, { id: id });
  },

  removeSong(id, songId) {
    const playlist = this.getPlaylist(id);
    _.remove(playlist.songs, { id: songId });
  },
};
```

Remove
from this
songs array

ID of song
to remove

```
...

<tbody>
<tr>
  <td>
    Opus
  </td>
  <td>
    Beeth
  </td>
  <td>
    <a hr
button"
  </td>
</tr>
  <td>
    Opus 33
  </td>
  <td>
    Beethoven
  </td>
  <td>
    <a href="/playlist/0/deletesong/04"
       class="ui tiny red button">Delete Song</a>
  </td>
</tr>
</tbody>

...
```

Beethoven Sonatas

Song	Artist	
Piano Sonata No. 3	Beethoven	Delete Song
Piano Sonata No. 7	Beethoven	Delete Song
Piano Sonata No. 10	Beethoven	Delete Song

router

REQUEST

'/playlist/01/deletesong/04'

Beethoven Sonatas

Song	Artist	
Piano Sonata No. 3	Beethoven	Delete Song
Piano Sonata No. 7	Beethoven	Delete Song
Piano Sonata No. 10	Beethoven	Delete Song

```
...

<tbody>
<tr>
  <td>
    Opus
  </td>
  <td>
    Beeth
  </td>
  <td>
    <a hr
button"
  </td>
</tr>
  <td>
    Opus 33
  </td>
  <td>
    Beethoven
  </td>
  <td>
    <a href="/playlist/0/deletesong/04"
    class="ui tiny red button">Delete Song</a>
  </td>
</tr>
</tbody>

...
```

REQUEST

'/playlist/01/deletesong/04'

router

playlist.deleteSong(req, res)

routes.js

```
router.get('/', start.index);
router.get('/dashboard', dashboard.index);
router.get('/playlist/:id/deletesong/:songid', playlist.deleteSong);
router.get('/about', about.index);
```

```
const playlist = {
  ...
  deleteSong(request, response) {
    const playlistId = request.params.id;
    const songId = request.params.songid;
    playlistStore.removeSong(playlistId, songId);
    response.redirect('/playlist/' + playlistId);
  },
};
```
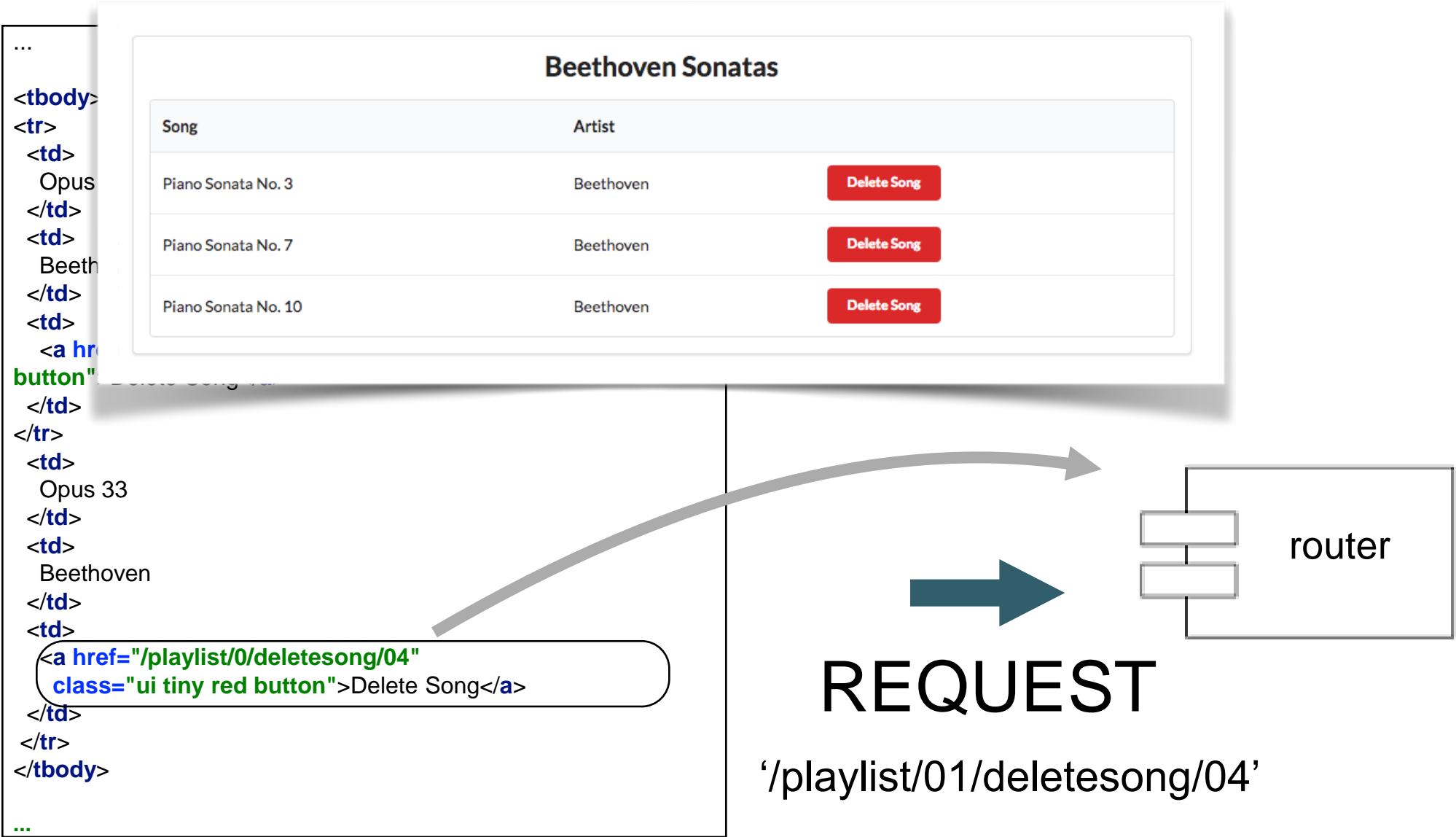
```
...
<tbody>
<tr>
 <td>
   Opus
 </td>
 <td>
   Beeth
 </td>
 <td>
   <a hr
button"
 </td>
</tr>
 <td>
   Opus 33
 </td>
 <td>
   Beethoven
 </td>
 <td>
```

```
<a href="/playlist/0/deletesong/04"
 class="ui tiny red button">Delete Song</a>
```

```
</tr>
 </td>
 </tbody>
...
```

Beethoven Sonatas

Song	Artist	
Piano Sonata No. 3	Beethoven	Delete Song
Piano Sonata No. 7	Beethoven	Delete Song
Piano Sonata No. 10	Beethoven	Delete Song

REQUEST

'/playlist/01/deletesong/04'

router

playlist.deleteSong(req, res)

routes.js

```
router.get('/', start.index);
router.get('/dashboard', dashboard.index);
router.get('/playlist/:id/deletesong/:songid', playlist.deleteSong);
router.get('/about', about.index);
```

model

controller

```
const playlist = {
  ...
  deleteSong(request, response) {
    const playlistId = request.params.id;
    const songId = request.params.songid;
    playlistStore.removeSong(playlistId, songId);
    response.redirect('/playlist/' + playlistId);
  },
};
```

```
const playlistStore = {
  ...
  removeSong(id, songId) {
    ...
  },
  ...
};
```

```json
"playlistCollection": [
  {
    "id" : "01",
    "title": "Beethoven Sonatas",
    "duration": 35,
    "songs": [
      {
        "id" : "04",
        "title": "Piano Sonata No. 3",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration": 5
      },
      {
        "id" : "05",
        "title": "Piano Sonata No. 7",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration": 6
      },
      {
        "id" : "06",
        "title": "Piano Sonata No. 10",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration": 4
      }
    ]
  },
  {
    "id" : "02",
    "title": "Beethoven Concertos",
    "duration": 23,
    "songs": [
      {
        "id" : "07",
        "title": "Piano Concerto No. 0",
        "artist": "Beethoven",
```

Beethoven Sonatas

Song	Artist	
Piano Sonata No. 3	Beethoven	Delete Song
Piano Sonata No. 7	Beethoven	Delete Song
Piano Sonata No. 10	Beethoven	Delete Song

```html
...
<tbody>
<tr>
  <td>
    Opus
  </td>
  <td>
    Beeth
  </td>
  <td>
    <a hr
button"
  </td>
</tr>
  <td>
    Opus 33
  </td>
  <td>
    Beethoven
  </td>
  <td>
    <a href="/playlist/0/deletesong/04"
    class="ui tiny red button">Delete Song</a>
  </td>
</tr>
</tbody>
...
```
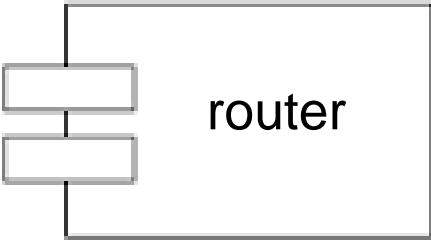
REQUEST

'/playlist/01/deletesong/04'

routes.js

```js
router.get('/', start.index);
router.get('/dashboard', dashboard.index);
router.get('/playlist/:id/deletesong/:songid', playlist.deleteSong);
router.get('/about', about.index);
```

model

router

playlist.deleteSong(req, res)

```js
const playlist = {
  ...
  deleteSong(request, response) {
    const playlistId = request.params.id;
    const songId = request.params.songid;
    playlistStore.removeSong(playlistId, songId);
    response.redirect('/playlist/' + playlistId);
  },
};
```

```js
const playlistStore = {
  ...
  removeSong(id, songId) {
    ...
  },
  ...
};
```

controller

```json
"playlistCollection": [
  {
    "id": "01",
    "title": "Beethoven Sonatas",
    "duration": 35,
    "songs": [
      {
        "id" : "04",
        "title": "Piano Sonata No. 3",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration": 5
      },
      {
        "id" : "05",
        "title": "Piano Sonata No. 7",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration":
      },
      {
        "id" : "06",
        "title": "Piano Sonata No. 10",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration": 4
      }
    ]
  },
  {
    "id": "02",
    "title": "Beethoven Concertos",
    "duration": 2
    "songs": [
      {
        "id" :
        "title": "Piano Concerto No. 0",
        "artist": "Beethoven",
```

response.redirect('/playlist/' + playlistId);

playlist.hbs

```handlebars
{{> menu}}

<section class="ui segment">
  <h2 class="ui header">
    {{playlist.title}}
  </h2>
  {{> listsongs}}
</section>
```

view

listsongs.hbs

```handlebars
<table class="ui table">
  <thead>
    <tr>
      <th>Song</th>
      <th>Artist</th>
      <th></th>
    </tr>
  </thead>
  <tbody>
    {{#each playlist.songs}}
    <tr>
      <td>
        {{title}}
      </td>
      <td>
        {{artist}}
      </td>
      <td>
        <a class="ui...">Delete Song</a>
      </td>
    </tr>
    {{/each}}
  </tbody>
</table>
```

```js
viewData = {
  title: 'Playlist',
  playlist: {
    "id" : "01",
    "title": "Beethoven Sonatas",
    "duration": 07,
    "songs": [
      {
        "id" : "05",
        "title": "Opus 120: Thirty-three…",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration": 45
      }
      ...
      ...
      ...
    ]
  }
};
```

Beethoven Sonatas

Song	Artist	
Piano Sonata No. 3	Beethoven	Delete Song
Piano Sonata No. 7	Beethoven	Delete Song
Piano Sonata No. 10	Beethoven	Delete Song

```
...
<tbody>
<tr>
  <td>
    Opus
  </td>
  <td>
    Beeth
  </td>
  <td>
    <a hr
    button"
  </td>
</tr>
  <td>
    Opus 33
  </td>
  <td>
    Beethoven
  </td>
  <td>
    <a href="/playlist/0/deletesong/04"
    class="ui tiny red button">Delete Song</a>
  </td>
</tr>
</tbody>
...
```

model

routes.js

```
router.get('/', start.index);
router.get('/dashboard', dashboard.index);
router.get('/playlist/:id/deletesong/:songid', playlist.deleteSong);
router.get('/about', about.index);
```

```
const playlistStore = {
  ...
  removeSong(id, songId) {
    ...
  },
  ...
};
```

```
"playlistCollection": [
  {
    "id" : "01",
    "title": "Beethoven Sonatas",
    "duration": 35,
    "songs": [
      {
        "id" : "04",
        "title": "Piano Sonata No. 3",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration": 5
      },
      {
        "id" : "05",
        "title": "Piano Sonata No. 7",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration":
      },
      {
        "id" : "06",
        "title": "Piano Sonata No. 10",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration": 4
      }
    ]
  },
  {
    "id" : "02",
    "title": "Beethoven Concertos",
    "duration": 2
    "songs": [
      {
        "id" : "0
        "title": "Piano Concerto No. 0",
        "artist": "Beethoven",
```

router

```
const playlist = {
  ...
  deleteSong(request, response) {
    const playlistId = request.params.id;
    const songId = request.params.songid;
    playlistStore.removeSong(playlistId, songId);
    response.redirect('/playlist/' + playlistId);
  },
};
```

controller

REQUEST

'/playlist/01/deletesong/04'

playlist.deleteSong(req, res)

response.redirect('/playlist/' + playlistId);

Song	Artist	
Opus 23	Beethoven	Delete Song
Opus 33	Beethoven	Delete Song

view

playlist.hbs

```
{{> menu}}

<section class="ui segment">
  <h2 class="ui header">
    {{playlist.title}}
  </h2>
  {{> listsongs}}
</section>
```

listsongs.hbs

```
<table class="ui table">
  <thead>
    <tr>
      <th>Song</th>
      <th>Artist</th>
      <th></th>
    </tr>
  </thead>
  <tbody>
    {{#each playlist.songs}}
    <tr>
      <td>
        {{title}}
      </td>
      <td>
        {{artist}}
      </td>
      <td>
        <a class="ui...">Delete Song</a>
      </td>
    </tr>
    {{/each}}
  </tbody>
</table>
```

```
viewData = {
  title: 'Playlist',
  playlist: {
    "id" : "01",
    "title": "Beethoven Sonatas",
    "duration": 07,
    "songs": [
      {
        "id" : "05",
        "title": "Opus 120: Thirty-three...",
        "artist": "Beethoven",
        "genre": "Classical",
        "duration": 45
      }
      ...
      ...
      ...
    ]
  }
};
```

```
...
<tbody>
<tr>
  <td>
    Opus 9
  </td>
  <td>
    Beethoven
  </td>
  <td>
    <a href="/playlist/0/deletesong/2"
    class="ui tiny red button">Delete Song</a>
  </td>
</tr>
</tbody>
...
```

RESPONSE

'/playlist/01'

main.hbs

```
<!DOCTYPE html>
<html>
  <head>
    ...
  </head>
  <body>
    <section class="ui container">
      {{{body}}}
    </section>
  </body>
</html>
```

{{{body}}}