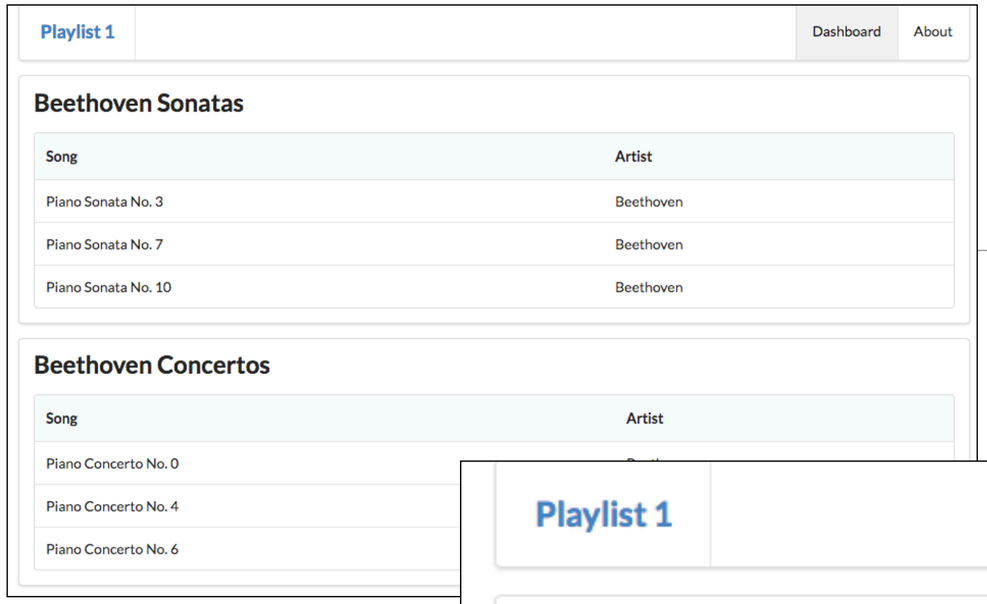
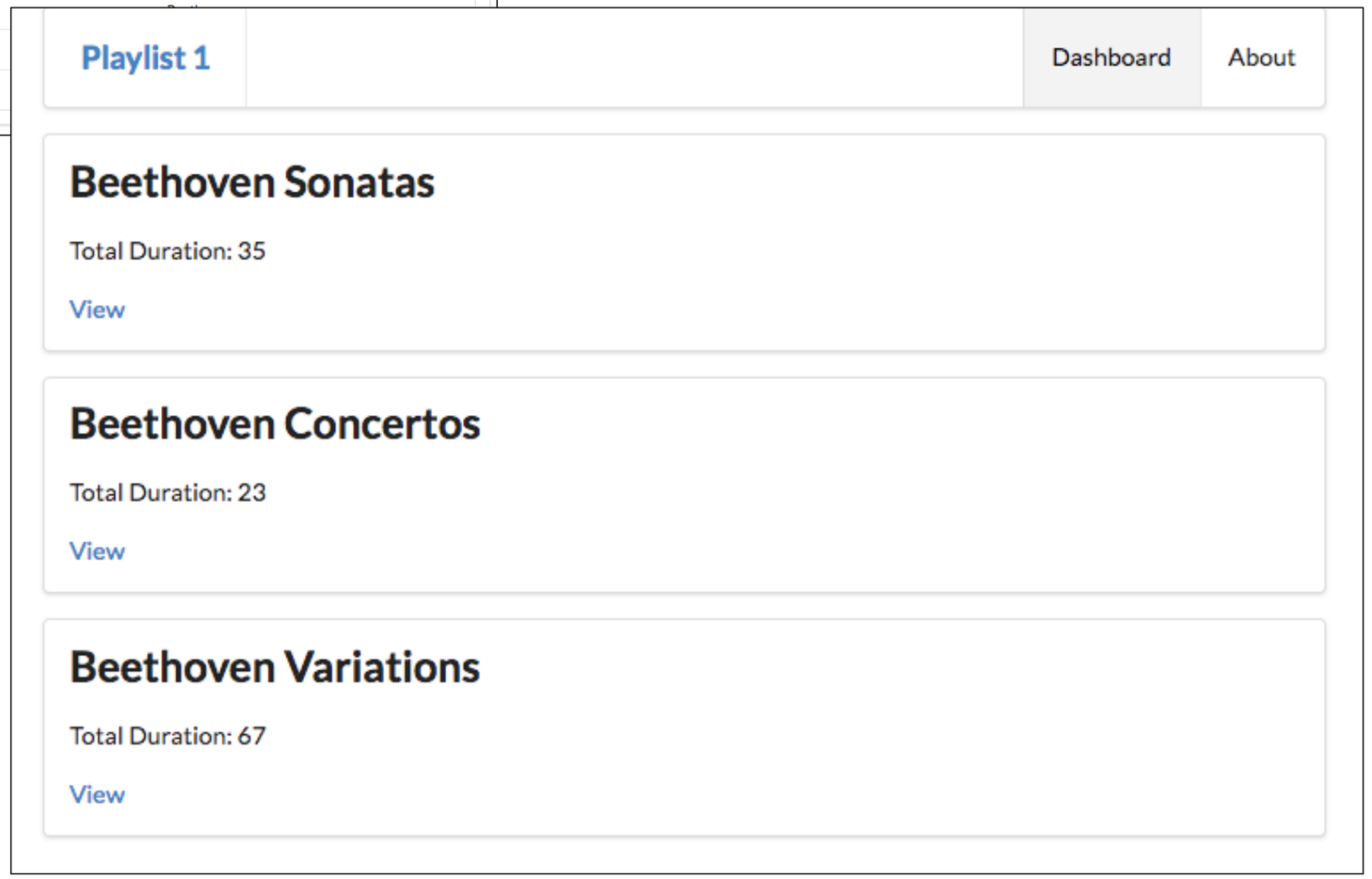
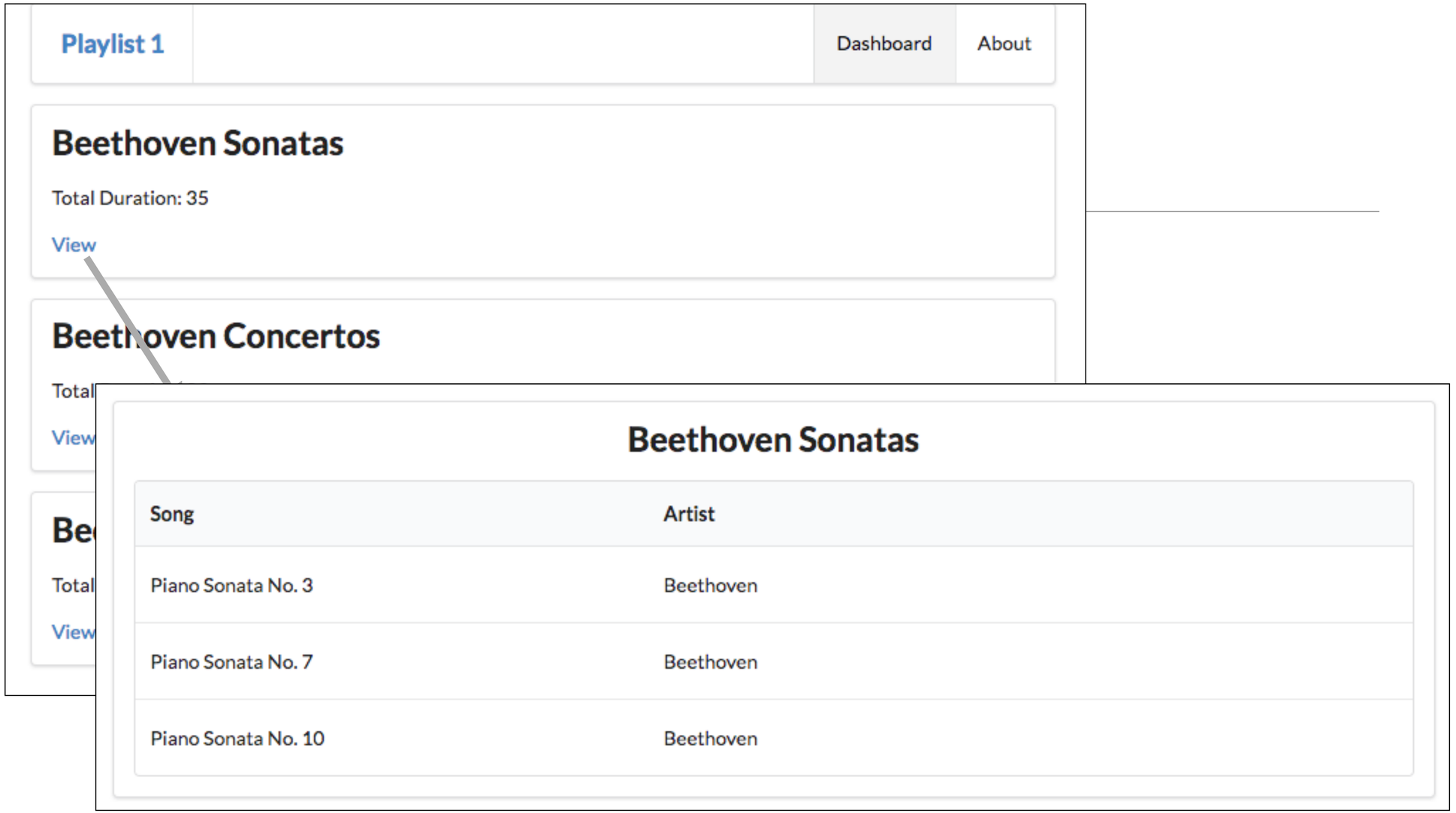
Playlist Controller

Revised Dashboard





- Shows summary list of playlists



- Full playlist displayed when ‘View’ selected

Dashboard.hbs

```
{{> menu id="dashboard"}}

{{#each playlists}}
  <section class="ui segment">
    <h2 class="ui header">
      {{title}}
    </h2>
    <table class="ui table">
      <thead>
        <tr>
          <th>Song</th>
          <th>Artist</th>
        </tr>
      </thead>
      <tbody>
        {{#each songs}}
          <tr>
            <td>
              {{title}}
            </td>
            <td>
              {{artist}}
            </td>
          </tr>
        {{/each}}
      </tbody>
    </table>
  </section>
{{/each}}
```

No change to controller

```
const dashboard = {
  index(request, response) {
    logger.info('dashboard rendering');
    const viewData = {
      title: 'Playlist Dashboard',
      playlists: playlistCollection,
    };
    logger.info('about to render', playlistCollection);
    response.render('dashboard', viewData);
  },
};
```

```
{{> menu id="dashboard"}}

{{#each playlists}}
  <section class="ui segment">
    <h2 class="ui header">
      {{title}}
    </h2>
    <p> Total Duration: {{duration}} </p>
    <a href="/playlist/{{id}}"> View </a>
  </section>
{{/each}}
```

Revised dashboard.hbs

```
{{> menu id="dashboard"}}

{{#each playlists}}
  <section class="ui segment">
    <h2 class="ui header">
      {{title}}
    </h2>
    <p> Total Duration: {{duration}} </p>
    <a href="/playlist/{{id}}"> View </a>
  </section>
{{/each}}
```

Dashboard View

New Route

routes.js

- New Route not initially supported

```
router.get('/', dashboard.index);
router.get('/dashboard', dashboard.index);
router.get('/about', about.index);
```

- Error message when link pressed

Introducing a new view

- Typically need 3 things:
  - Controller
  - View
  - Route

controller:
playlist.js

```
'use strict';

const logger = require('../utils/logger');
const playlistCollection = require('../models/playlist-store.js');

const playlist = {
  index(request, response) {
    const viewData = {
      title: 'Playlist',
    };
    response.render('playlist', viewData);
  },
};

module.exports = playlist;
```

view:
playlist.hbs

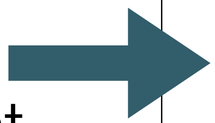
```
{{> menu}}

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

route:
routes.js

```
router.get('/playlist/:id', playlist.index);
```

Controller

- In order to display the correct playlist, we need to extract the id from the url.



```
index(request, response) {

  const playlistId = request.params.id;

  logger.debug('Playlist id = ', playlistId);

  const viewData = {
    title: 'Playlist',
  };

  response.render('playlist', viewData);
}
```

Revised Model

- playlistStore is an object with 2 methods:
  - retrieve all playlists from store
  - retrieve a specific playlist by it's id from the store.

```
const playlistStore = {

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

  getAllPlaylists() {
    return this.playlistCollection;
  },

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

};
```

Dont worry about how this is implemented for the moment!

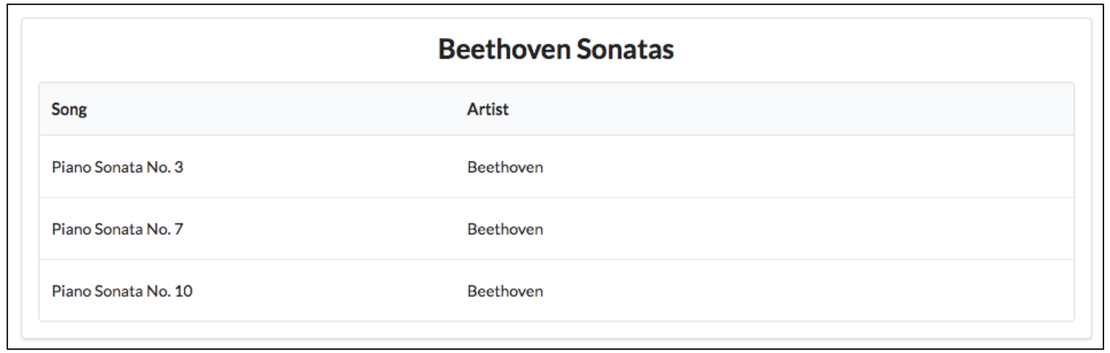
Revised playlist Controller

- Recover playlist ID in request
- Get playlist matching this id and insert into viewData
- Pass **viewData** to to the view (containing the playlist)

```
const playlistStore = require('../models/playlist-store');

const playlist = {
  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);
  },
};
```

Revised Playlist View

```
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);
 }
```




```
{{> menu}}

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

playlist.hbs

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

listsongs.hbs