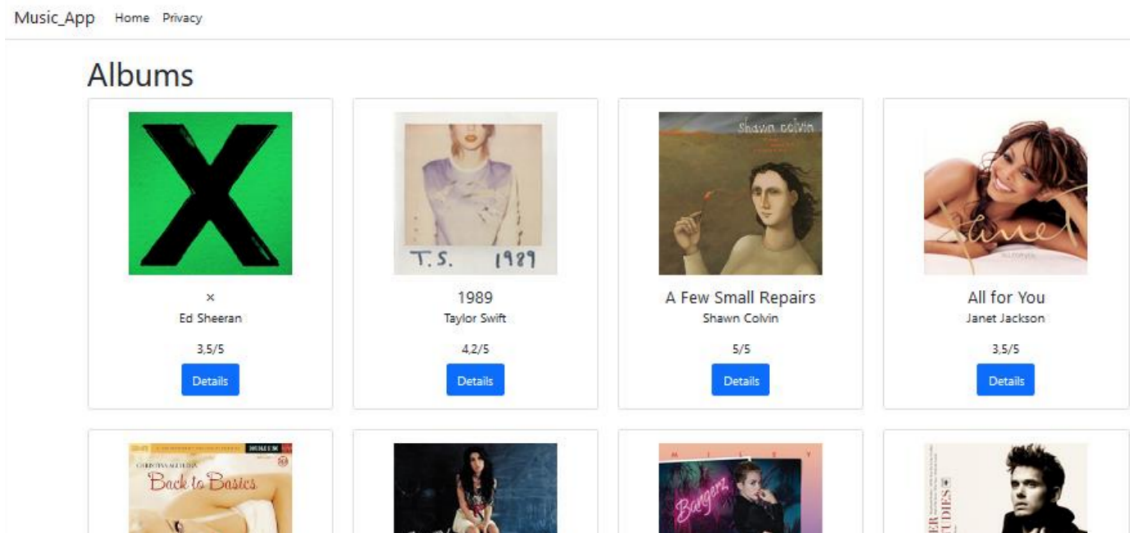# Requirements

📒 <u>Kanban: Odisee</u>

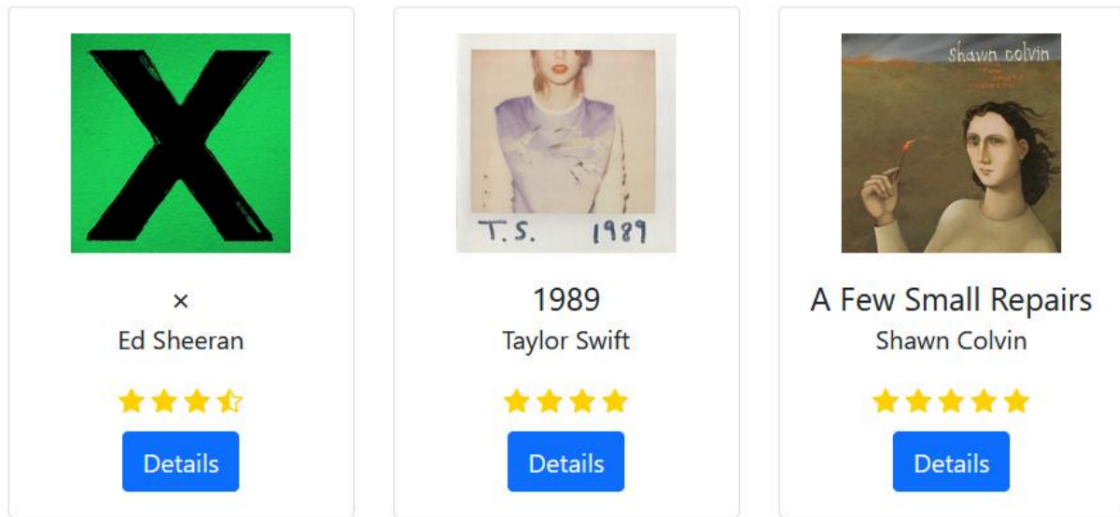## Requirements Template

Project Name:

Music App

Functional Requirements:

1. I want a navbar that provides a privacy page

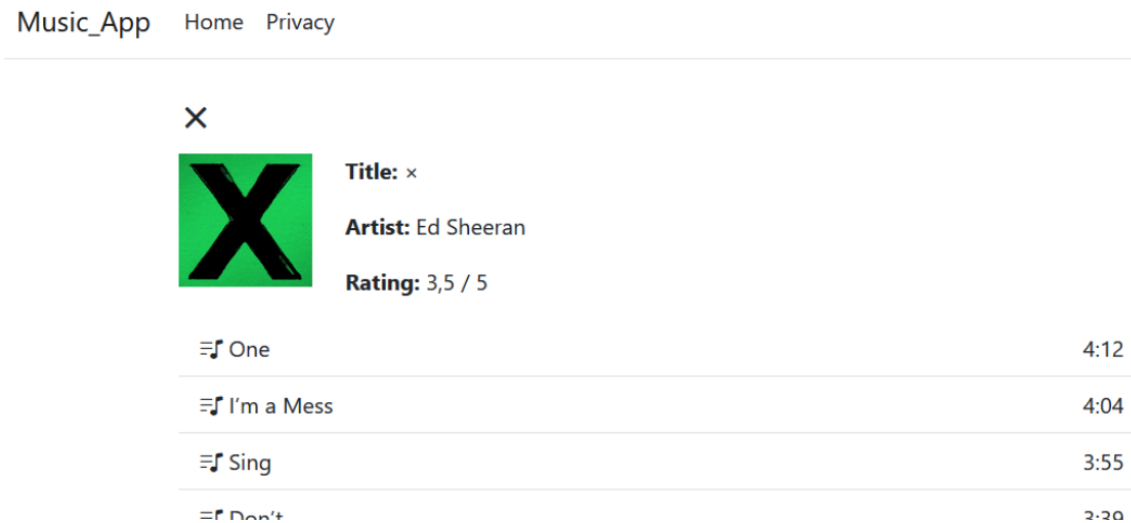2. I want an oversight of music albums (CD's)

   a. I want them to be nice cards

   b. I want the rational ratings to be stars/halfstars

3. I want (via Details) an album songs page

   a. I can see the duration of a song

Non-Functional Requirements:

Album MVC

1. A controller "AlbumController" is present

   a. An action named "Index" is present

      i. Returns a view with all music albums (CD's)

  ii. Utilises a repository to fetch all album-data

2. Bootstrapping

 a. Use Bootstrap <u>card-components</u> to display albums

 b. Use the Bootstrap icons library to display star ratings

Details MV(C)

1. A controller **<u>action</u>** "AlbumController" is present

 a. An action named "AlbumDetails" is present

  i. Enumerates songs using the <u>list group component</u>

2. Bootstrapping

 a. Use Bootstrap <u>list-group-components</u> to display songs

 b. Use <u>Bootstrap icons</u> (enable <u>CSS</u> in "_Layout" file)

 c. Setup "Details" buttons as an a-element link styled as a button (<u>Bootstrap</u>)

3. GUI design

 a. Make sure song duration seconds are displayed as two digits (4:04)

 b. Use tag-helpers for dynamic links (asp-route-id should be dynamically generated)

```
<a asp-controller="Student" asp-action="Details" asp-route-id="3">Details</a>
```

General

1. The MVC project template residual files should be removed

▼ Other Requirement document headers

Constraints:

- [List any constraints or limitations that may impact the project]

Assumptions:

- [List any assumptions made during the project]

Dependencies:

- [Specify any dependencies that need to be considered]

Timeline:

[Provide a timeline or schedule for the project]