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CSC 415: Software Engineering

Final Evaluation – Take Home Component

### Open Source Software: Analysis & Design

#### *Use Case Detailed Descriptions*

<b>Name</b>	View album availability
<b>Summary</b>	Application users can view the countries where an album is available on a map.
<b>Actors</b>	General User/Music Listeners, Spotify Users, Record Label Employees
<b>Preconditions</b>	<ol style="list-style-type: none"><li>1. The user has entered the application by entering the URL</li><li>2. The user has searched for an album or dragged in an album from Spotify</li></ol>
<b>Normal Scenario</b>	<ol style="list-style-type: none"><li>1. The user goes to the website</li><li>2. The user searches for an album</li><li>3. A list of possible albums matching the search appears</li><li>4. The user chooses an album</li><li>5. The tracklist and availability of the album are shown</li></ol>
<b>Exception Scenario</b>	Invalid album

<b>Name</b>	View albums available in a country
<b>Summary</b>	Application users can see which albums from search results are available in a certain country
<b>Actors</b>	General User/Music Listeners, Spotify Users, Record Label Employees
<b>Preconditions</b>	<ol style="list-style-type: none"><li>1. The user has entered the application by entering the URL</li><li>2. The user has searched for an album</li></ol>
<b>Normal Scenario</b>	<ol style="list-style-type: none"><li>1. The user goes to the website</li><li>2. The user searches for an album</li><li>3. List of possible albums appear</li><li>4. User selects a country</li><li>5. List displays albums from search results available in that country selected</li></ol>
<b>Exception</b>	No albums available in a country

<b>Scenario</b>	
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<b>Name</b>	Log In Through Spotify to View Information About Saved Albums
<b>Summary</b>	Users with Spotify accounts can log in to pull up a list of saved albums from their account and view the tracklist and availability of those albums
<b>Actors</b>	Spotify Users
<b>Preconditions</b>	<ol style="list-style-type: none"> <li>1. The user has entered the application by entering the URL</li> <li>2. The user has a Spotify account</li> </ol>
<b>Normal Scenario</b>	<ol style="list-style-type: none"> <li>1. The user goes to the website</li> <li>2. The user signs into their Spotify account</li> <li>3. List of saved albums in account appear</li> <li>4. User selects an album to view information about</li> <li>5. The tracklist and availability of the album are shown</li> </ol>
<b>Exception Scenario</b>	No albums saved in account