User Stories

As a Spotify user, I want to be able to log into my account.

As a music lover, I want to listen to Spotify so that I can enjoy differing types of music.

As someone who lives in the modern world, I want to be in touch with the news, so that I am up to date with the latest stories.

As I have a keen interest, I want to know the latest news, so that it can influence how I live my life.

As a student, I want the news to influence what music I listen to, so that I can to listen to a broad range of genres and be up to date with relevant news topics.

As a student, I want my music to be influence by extracting terms from certain news sources, so that each day I listen to a different range of music relevant to that day’s news.

As the Spotify account holder, I want to be able to specify the genres that are added to the song list.

As the Spotify account holder, I want to be able to choose the amount of songs that are added to the playlist.

As the Spotify account holder, I want to be able to view and list to the playlist.

As the Spotify account holder, I want to be able to specify the lengths of the songs in my playlist.

Functional Requirements

* The user will be able to log into their account.
* The user will have a playlist created for them based on different news topics.
* The user will be able to specify genres added to the song list.
* The user can choose the amount of songs in the list.
* The user can listen to the playlist with their account.
* Song lengths can be specified by the user.

Technical Requirements

* Create UML and class diagrams for the product.
* Develop wireframes for the user interface.
* Find and develop API’s for both the retrieval of news articles and integration with Spotify.
* Develop the code using C#.
* Develop an intuitive user interface for the application.
* Develop an algorithm to match news articles to songs.
* Develop an algorithm to pull news from different sources.
* Develop an algorithm to create a Spotify playlist for the user.
* Perform testing.