
Team Toronto Keyboard Maple Leaf Warriors

NoaNodz Software Requirements Specifications (SRS)

Version 2.0

NoaNodz	Version: 2.0
Requirements Specification	Date: 11/03/22
Software Requirements Specification	

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Revision History

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09/27/22	1.0	Baseline	Team Toronto Keyboard Maple Leaf Warriors
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Software Requirements Specification (SRS)

1. Introduction

1.1 Purpose of the Document

The purpose of this document is to document the software requirements specifications for the project NoaNodz.

1.2 Scope of the Document

This document will cover the product scope and users, as well as use cases. Additionally, functional requirements (software and hardware) and quality requirements will be detailed.

1.3 References

N/A

1.4 Definitions, Acronyms, and Abbreviations

See Appendix A.

2. Product Scope

The website landing page will showcase a featured album and song of the week. Users can select an artist to view their information, including albums and songs, making discovering new music simple and efficient. Albums and songs will have multiple different links to provide the preferred listening experience.

3. Product Users

3.1 Users

Product User Type	User Characteristics
Common User	All ages, any technology level, any education level; anyone who visits the site to browse and listen to music
Advertiser	All ages, any technology level, any education level; anyone who wishes to advertise on the site
Developer	College age, advanced technology level, college education level; any team members who worked on coding the website
Tester	All ages, any technology level, any education level; an outside party chosen by the team to test the site

4. Use Cases

Use Case ID	Use Case Name	Brief Description
UC-1	Browsing Artists/Albums/Songs	The user will click the Artists, Albums, or Songs button at the top navigation bar.
UC-2	Viewing weekly recommendations	The user will view the home page upon entering the website or navigate to it by clicking the home button or the NoaNodz logo, both located on the top navigation bar.
UC-3	Listening to music	The user will navigate to an Artist page and then select an Album, or Song, which in turn will take them to an information page. Alternatively, they can access Album and Song information pages from the Album and Song list pages. Once there, they can click the link corresponding to

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		their preferred listening service to listen to music.
UC-4	Viewing Artist/Album/Song information	The user will navigate to an Artist, Album, or Song information page and via a link on the Home page, or on the Albums, Songs, or Artists list pages.

5. Functional Requirements

5.1 Software Requirements

Requirement ID	Requirement Priority (High/Medium/Low)	Requirement
Req-Func-Sw-1	Medium	The system shall display a different album/song of the week each week.
Req-Func-Sw-2	High	The system shall direct the user to the correct page after clicking the corresponding menu button on the navigation bar.
Req-Func-Sw-3	High	The system shall direct the user to the correct music listing on the streaming service of choice when they click on the corresponding button on an information page.
Req-Func-Sw-4	High	The system shall direct the user to the correct album/artist/song information page from its link on the album/artist/song listing pages or from the landing page.
Req-Func-Sw-5	Medium	The system shall provide the most popular music streaming services for the user to choose from.

5.2 Hardware Requirements

how much space, how many people can access at once

Requirement ID	Requirement Priority (High/Medium/Low)	Requirement
Req-Func-Hw-1	High	The system shall use GitHub Pages in order to direct the website to the appropriate amount of people currently trying to access it. This amount of network hardware will be dynamic based on the popularity of the site and will be provided by GitHub.
Req-Func-Hw-2	High	The system shall not require storage exceeding the limit of 1 GB
Req-Func-Hw-3	High	The system shall not exceed 100GB of bandwidth usage in any given month during operation
Req-Func-Hw-4	High	The system shall not exceed the limit of 10 builds per hour

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6. Quality Requirements

Requirement ID	Requirement Priority (High/Medium/Low)	Requirement
Req-Qual-Simp-1	High	The system shall have a simple and aesthetically pleasing user interface.
Req-Qual-Main-3	Medium	The system shall be easily maintainable.
Req-Qual-Perf-3	High	The system shall have high performance.