**Software Engineering**

**Software Requirements Specification**

**(SRS) Document**

**TITLE:**

**Tell us how you feel and let the music speak! : Soothing the Heart of the 21st Century Individual using the power of Technology.**

**TEAM MEMBERS:**

Abhishek Herbert Samuel (21011102004)

G. Varun (21011102033)

Kota Sri Laasya (21011102050)

L. Karthikeya Reddy (21011102053 )

**CLIENT DETAILS:**

1. Kota Sri Laasya- serving as a team member and a client.
2. All individuals who wish to use our website.

**PROBLEM STATEMENT:**

Music is a language that has transcended every single human barrier one can possibly conceive. Science has shown us that music positively affects the right side of the brain, which controls the body’s healing process. The benefits of listening to music are limitless and today, we are here working on extending those limits and trying something creative!

This project aims to help people of all backgrounds, irrespective of their age, religion and other societal and cultural differences to listen to good, wholesome music that marches to the beat of their heart. What makes this even better is that we do not require a single piece of information about you-the user for using this website, thus ensuring that there is 100% privacy for the user in an era where data theft and unwanted surveillance and manipulation of the user based on data has become all too common.

**SOFTWARE REQUIREMENTS SPECIFICATION:**

* **FUNCTIONAL REQUIREMENTS:**

1. A server to host the website 24/7.
2. Wifi / Mobile data for usage.
3. A laptop/tablet/ smartphone for using the website itself.
4. A browser.

* **ATTRIBUTES OF THE WEBSITE:**

- Complete randomness in the URL generation process using newly designed algorithms for this purpose while being based on the user’s mood at that time.

- Only one song is generated at random.

-The product places a premium on data privacy and does not collect any information from the user.

-The product is free of cost.

- Compatible with all browsers, laptops, tablets and smartphones.

- Can be used 24/7.

* **PROCESSES TO BE USED:**
* We will use the iterative development approach for development of the website with the client(Kota Sri Laasya) being continually updated and involved in the process).
* As the requirements have already been analyzed and stated clearly in the problem statement, we will conduct discussions on the programming languages and other modules to be used for both front-end and backend development after the 17th of August , 2022.

**ER DIAGRAM:**

**Diagram

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