Public Domain Audio Library

Document

# Introduction

This project is a software example from the Software Engineering II discipline in Faculdade Senac Porto Alegre, referring to the first semester of 2016. The software and all the stakeholders are fictional.

# Positioning

This section contains the problem statement (Section 2.1) and the product position statement (Section 2.2)

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Finding public domain audio on the internet |
| affects | Music professionals who seek access to public domain audio samples for work uses |
| the impact of which is | Due to the large variety of public domain audio samples on the web, scattered around several websites, searching for a non-specific audio sample could take unnecessary time |
| a successful solution would be | Gather every piece of public domain audio samples and unite them into a single place making it easier to access |

## Product Position Statement

|  |  |
| --- | --- |
| For | Musicians and other Music Professionals |
| Who | Seek non-copyrighted audio |
| The Public Domain Audio Library | Is an Open Source software |
| That | Provides an organized library with several audio samples to choose from |
| Unlike | The Internet Archive Music Collection |
| Our product | Provides a user-friendly interface and is organized by categories in order to facilitate the interaction with the website |

# Stakeholder Descriptions

## Stakeholder Summary

| **Name** | **Description** | **Responsibilities** |
| --- | --- | --- |
| User | Musician | Search for Audio Files |
| User | Musician | Downloads Audio files |

## User Environment

The number of stakeholders may change if more people decide to get involved in the project. However, for the current time, the number of stakeholders involved is static.

A task cycle time of completion may vary, as it depends on the user and his needs. It may take a longer time if the user needs more than one audio track or if its search isn’t specific to anything, or in case multiple categories are selected in the search, providing a long list of possibilities for download.

This software will require an internet connection for the searches and downloads, but it can be accessed through any device that supports an internet browser.

# Product Overview

## Needs and Features

|  |  |  |  |
| --- | --- | --- | --- |
| **Need** | **Priority** | **Features** | **Planned Release** |
| Audio Search | HIGH | Search Bar | 1.0 DEMO |
| Advanced Search Categories | LOW | Length, genre, author | 2.0 |
| Audio Download | HIGH | Available in multiple formats | 1.0 DEMO |
| User registration | MEDIUM | Login option | 2.0 |

# Other Product Requirements

|  |  |  |
| --- | --- | --- |
| **Requirement** | **Priority** | **Planned Release** |
| Android App | N/A | N/A |
| Intuitive User Interface | N/A | N/A |