Music IMDB

Vision

Version 1.0

Revision History

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| --- | --- | --- | --- |
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Vision

# Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the project Music IMDB1 (Internet Music Database). It focuses on the capabilities needed by the stakeholder and the target users, and why these needs exist. The details of how the Music IMDB fulfills these needs are detailed in the use-case and supplementary specifications.

## Purpose

This document gives an overview of the entire system of the project “Music IMDB”. It presents the problem, and the solution provided by the system.

## Scope

The scope of this document is to present the project “Music IMDB”, a software design project for university. It doesn’t go into implementation details, but rather it gives an overview of the project and its environment.

## Definitions, Acronyms, and Abbreviations

IMDB - Internet Movie Database, is an online database of information related to world films, television programs, home videos and video games, and internet streams, including cast, production crew, personnel and fictional character biographies, plot summaries, trivia, and fan reviews and ratings. In this project name it is used as a reference that the project scope is similar, except the M could come from “Music” this time.

[This subsection provides the definitions of all terms, acronyms, and abbreviations required to properly interpret the **Vision** document. This information may be provided by reference to the project’s Glossary.]

## References

1. IMDB –
2. Spotify –
3. SoundCloud -

[This subsection provides a complete list of all documents referenced elsewhere in the **Vision** document. Identify each document by title, report number if applicable, date, and publishing organization. Specify the sources from which the references can be obtained. This information may be provided by reference to an appendix or to another document.]

## Overview

[This subsection describes what the rest of the **Vision** document contains and explains how the document is organized.]

# Positioning

## Problem Statement

Even though many applications exist for users to listen to music, there might be a need for an app in which the user can see details of musical pieces, artists, albums, and can rate them besides listening to it. Many times the user doesn’t have time to listen to a song, yet would like to know the quality of it.

|  |  |
| --- | --- |
| The problem of | Having a clear internet music database with details of musical compositions, artists, albums and the possibility of rating music besides listening to it. Having a quick view over rated music to see where it fits within a scale. |
| affects | Artists and music companies |
| the impact of which is | Having an overview of a musical composition before listening to it. Having a quick reach to related music. Listening to music on a clear, concise web app. Seeing the quality of a musical piece before listening to it. |
| a successful solution would be | Developing an IMDB1 for music. |

## Product Position Statement

|  |  |
| --- | --- |
| For | Regular users |
| Who | Want to listen to music and see its rating |
| The (product name) | Music IMDB |
| That | Is a fast and accessible platform for listening to music and rate it; it also gives brief overviews and information about artists and albums. |
| Unlike | Spotify2, SoundCloud3 |
| Our product | Has a brief official description, only released albums (no random playlists), possibility to rate. |

Besides being a fast and accessible platform for users looking for music, the displayed ratings give also artists the feedback on their composition.

# Stakeholder and User Descriptions

[To effectively provide products and services that meet your stakeholders’ and users' real needs, it is necessary to identify and involve all of the stakeholders as part of the Requirements Modeling process. You must also identify the users of the system and ensure that the stakeholder community adequately represents them. This section provides a profile of the stakeholders and users involved in the project, and the key problems that they perceive to be addressed by the proposed solution. It does not describe their specific requests or requirements as these are captured in a separate stakeholder requests artifact. Instead, it provides the background and justification for why the requirements are needed.]

## Stakeholder Summary

[There are a number of stakeholders with an interest in the development and not all of them are end users. Present a summary list of these non-user stakeholders. (The users are summarized in section 3.2.)]

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Music Artist | [Briefly describe the stakeholder.] | [Summarize the stakeholder’s key responsibilities with regard to the system being developed; that is, their interest as a stakeholder. For example, this stakeholder:  ensures that the system will be maintainable  ensures that there will be a market demand for the product’s features  monitors the project’s progress  approves funding  and so forth] |

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Music studio | [Briefly describe the stakeholder.] | [Summarize the stakeholder’s key responsibilities with regard to the system being developed; that is, their interest as a stakeholder. For example, this stakeholder:  ensures that the system will be maintainable  ensures that there will be a market demand for the product’s features  monitors the project’s progress  approves funding  and so forth] |

## User Summary

[Present a summary list of all identified users.]

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Person who browses the internet | [Briefly describe what they represent with respect to the system.] | [List the user’s key responsibilities with regard to the system being developed; for example:  captures details  produces reports  coordinates work  and so on] | [If the user is not directly represented, identify which stakeholder is responsible for representing the user’s interest.] |

## User Environment

[Detail the working environment of the target user. Here are some suggestions:

Number of people involved in completing the task? Is this changing?

How long is a task cycle? Amount of time spent in each activity? Is this changing?

Any unique environmental constraints: mobile, outdoors, in-flight, and so on?

Which systems platforms are in use today? Future platforms?

What other applications are in use? Does your application need to integrate with them?

]

# Product Requirements

[At a high level, list applicable standards, hardware or platform requirements, performance requirements, and environmental requirements.]