Audiobook

Software Requirement Specifications Document

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1. Introduction

1.1 Purpose :-

The purpose of the project is to create an application which can convert any type of document (such as .pdf, .docx or ebook) into an audio file. Audiobooks help to build and enhance vital literacy skills such as fluency, vocabulary, language acquisition, pronunciation, phonemic awareness, and comprehension—skills that often boost reading scores.

1. Introduction

1.2 Project Scope:-

Digital audiobooks continue to be the fastest growing segment in publishing. The global audiobooks market is expected to grow at a compound annual growth rate of 24.4% from 2020 to 2027 to reach USD 14.99 billion by 2027. Audiobook listeners ages 18 and up found that the average number of audiobooks listened to per year increased to 8.1 in 2019, up from 6.8 in 2018. This kind of growth is akin to when ebooks first took their meteoric rise as a format.

2. Overall Description

2.1 Description :-

An audiobook is an audio file of a book or any other document that are being narrated. As most of the people don't have the habit to read but like to listen things these audiobook web applicatication is perfect for them. It take less time to listen to something than to read it. There are many websites and apps that provide audio books for price. Our aim is to provide a website that will convert any kind of document to audiobook so that everyone can easily gain knowledge with audiobooks.

2. Overall Description

2.2 Perspective :-

Pros:

1. You can save lots of time on reading.
2. You can listen to audiobooks on public transport.
3. You can listen to audiobooks while driving your car.
4. Your eyes will not get tired.
5. Audio books can be quite entertaining.
6. You can listen to audiobooks and do other things at the same time.
7. Audio books are perfectly portable.
8. Audiobooks can help you study.

Cons:

1. Not the same feeling as reading books.
2. Tradition of paperback books may be lost.
3. You may be cut off from the outside world
4. You may become unresponsive.
5. Your mind may begin to work slower.
6. Listening to audiobooks requires access to power.
7. You often need a credit card for buying audiobooks.
8. You may have to listen to chapters twice.

2. Overall Description

2.3 Product features :-

1. **Stability:** We have block all add popups so that users could listen to audiobooks without any interruptions.

2. **Streaming:** Users can download the full audiobook for offline use. Others, especially those with phones or tablets that have limited internal memory, would prefer streaming.

3. **Usage:** Everyone. Anyone can use this application ranging from a child to an old-age person.

2. Overall Description

2.4 Platform:-

It is both web based applications and software application. It can be open from any device and an app will be available to download.
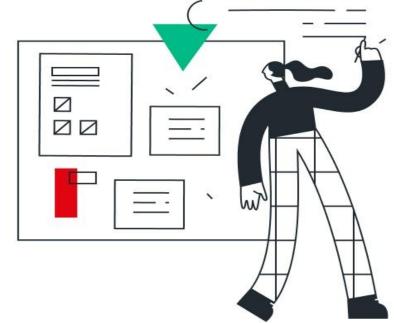
3. System Requirements

Requirement-1:-

A device, it can be a smartphone or tablet or computer.

Requirement-2:-

That device should have a good internet connection so that the required document will be converted to audiobook.

4. Functional Requirements

These requirements are the what of your website i.e. it includes the functions and core operations of your website, which lets the users interact.

4. Functional Requirements

4.1   Authentication.

4.2   File upload.

4.3   Select specifications.

4.4   Download the converted audio file.

4.5   Give feedback.

4. Functional Requirements

4.1 Authentication:

- A web page or an entry page to a website that requires user identification
- It is performed by entering a username and password combination.
- Authentication provide access to an entire site or part of a website.

4. Functional Requirements

4.2 File upload:

- User can be able to upload the file they want to convert into audio file.
- The file can be in any format (word or pdf).

4.3 Select specifications:

- User can able to specify the quality of the outcome i.e; audiofile.

4. Functional Requirements

4.4 Download the converted audio file:

- User can download the converted audio file to either offline or online.
- If user chooses offline, it will directly download to that system.
- If user chooses online, it will store in respective users account database.

4.5 Give feedback:

- Users can able to give feedback on the website based on their experience.

5. Non-Functional Requirements

5.1   Download time.

5.2   Processing time.

5.3   Stability.

5.4   Security.

5. Non-Functional Requirements

5.1 Download time:

- Download will take more than 2-3 minutes.
- We will keep the server updated time-to-time to decrease the load. So that it will not take too much time.

5.2 Processing time:

- The processing of each download will be done within 10 seconds.
- As mentioned above we could keep the server up-to-date.

5. Non-Functional Requirements

5.3 Stability:

- The site will load in 10-15 seconds, when the number of simultaneous users are > 10000.
- So that we can take care of server and users side by side.

5.4 Security:

- System shutdown in case of a cyber attack.
- So that we can take care of users personal data as well as our site from the attack.
- Using an SSL certificate and data privacy policy will create trust among the users for your website and convert the customers into brand advocates.