**Audiobook Application**

Design Document

Version 0.1

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Introduction

This is a desktop based python application, which will read out PDF documents. It will use a python text to speech library for this functionality. This will be the core library around which the whole project will be built. This will be an alternative to audiobooks and other similar applications.

This will be a light weight application with a limited number of features in the initial version.

The goal will be to have an application like a music player but for PDFs or Ebooks.

Objectives

The objective of this application is to provide a simple GUI through which users will be able to select PDFs or ebooks and listen to them. This would be similar to a music player.

Constraints/Assumptions

This is a python based application so as of now we will have to assume that the user will have python installed in their machine to run this application.

There are many constraints here, the dependency on python installation being one of them.

It is still unsure if the functionalities to pause and start/stop can be implemented in this application.

Flow Diagram

Introduction

Select PDF/E-book

Select specific page

Read out the page

Convert to .wav

Stop

Play/Pause

Start Playing