

INTRODUCTION

A PDF to audio converter project aims to transform text-based PDF documents into spoken audio files. This project can be implemented using Python, leveraging libraries like PyPDF2 for PDF manipulation and pyttsx3 for text-to-speech conversion. The project can be further enhanced by incorporating a user interface (UI) using libraries like Tkinter or Streamlit, allowing users to easily select PDF files and initiate the conversion process.

This project not only eases the work of the typing but also gives the pleasure to listen to your favourite books. So, let's start to know more about this Python Project to Convert PDF Text to Audio Speech and Vice Versa.

All the converted pdf to audio files will be listed to the user and he/she can play and listen to the audio file. Python is widely used for analyzing the data but the data need not be in the required format always. In such cases, we convert that format (like PDF or JPG etc.) to the text format, in order to analyze the data in better way. Python offers many libraries to do this task. Along with reading any PDF document out loud, this application can also translate and vocalize any text into up to four languages.

Objectives:

- To convert the pdf to audio with the click of a button.
- To provide means of converting written text from a descriptive form to a spoken language that is easily understandable by end users.
- In this system user can easily convert text to speech, which will help blind people to hear the text.
- In this system there is one major module namely User, User will be allowed to upload the PDF file in order to convert into an audio file.
- To convert the pdf and doc file also converted using this GUI.

ABSTRACT

In this project the PDF to Audio Converter is proposed. It provides an alternative way to access the books and any pdf file for blind person, lazy person, readers, and others. Using this PDF to Audio Converter the user will be able to listen to his\her favourite PDF and can do their daily routine. The application can be used to read any PDF which has. PDF to Audio Converter is a GUI application containing buttons for voice conversions, it will display the pdf while reading.

TOOL USED

It is requested that the user has prior knowledge in Python and basic ideas about the following tools

Tkinter, PyPDF2, pyttsx3, docx & filedialog.

FLOW OF THE PDF TO AUDIO FILE CONVERT PROJECT

1. Select the pdf or docs file.
2. Then click on the voice type of the converted audio file.
3. Then system checking the type of file pdf, doc or other.
4. If the file is pdf then system convert this file into audio file then play this convert audio file and also save this convert file.

CONCLUSION

This is project of System Design about “Pdf to Audio Converter” developed in Python programming language. The Development of this system takes a lot of efforts from us. We think this system gave a lot of satisfaction to all of us. Though every task is never said to be perfect in this development field even more improvement may be possible in this application. This project help the all the person for listening the pdf file without any missing information this help all the person and satisfaction of the us.