

# ClearView Formatter

## Introduction

People with visual impairments in schools have a harder time reading documents, books and other forms of writing in the real world, so its people jobs to download and reformat those documents into a format that is easier for these people to read them, this formatting task is a long and repetitive task taking time away from lesson planning or other jobs that a teacher or member of staff can do.

ClearView Formatter was created to automate/ significantly speed up this reformatting job for teachers so that they can get more documents formatted quicker for the students who need them and get back to their other duties quicker.

## Current Features:

- User can decide what font size they want the converted document to be in.
- Outputs the file to docx format which makes it easier to add or remove  
Unneeded information or add images.

## Future Features:

- Convert images as well as
- Allowing other file formats to be text converted and formatted



<https://www.svgrepo.com/svg/368620/c-sharp>



<https://github.com/itext>

## Language

The language I've decided to use for this project is C# .net, and I will be using 2 libraries in order to handling both the opening and processing of the documents, these are itext and OpenXml ClearView will mainly be targeted towards formatting PDF documents due to that being the format most books online download to.



<https://www.thewindowsclub.com/openxml-microsoft>

## Advantages for Businesses

- Using ClearView can minimize time lost from the repetitive task of reformatting
- No need for as much reformatting training due to ClearView completing most if not all of the task
- On-device processing so no risk of data leakage if reformatting sensitive documents

## Advantages for Individuals

- Used by parents of visually impaired children to format books to help them with reading
- Easy to use