SCANOPY – The Document Scanner
Team Number : 13
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TECHNIQUES UTILISED

Firebase · Android Studio · git · Xd · Visual Studio Code · Java

INTRODUCTION

"Scanopy" is a Document Scanning App which turns a smartphone camera to a PDF Scanner. It not only scans the documents but it also enhances and improves its quality. Automatic cropping and image enhancement enable the user to improve the document and helps in removing unnecessary information.

USER INTERFACE / SNAPSHOTS

PROBLEM

Everyone knows about the recent ban on "CamScanner", a China-based document scanning app which was being widely used. There have been news that Certain scanners like CamScanner were storing important user data and sending them to servers abroad.
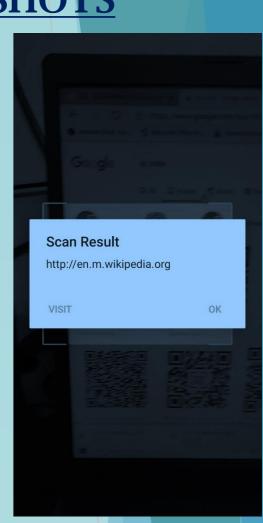
This lead to the need of a perfect document scanner which can Scan Documents, Automatically Crops the unnecessary information, Improves the image by applying various filters and image enhancement techniques and share it across social media platforms.

SOLUTION

- Privacy Issue Solved:- The application stores all the user data as local files on the device.
- Auto-Cropping:- The software automatically detects the edges and return the useful data.
- Image Processing:-There are various filters available to improve the quality of the document.
- Barcode/QR Code Scanner:- User can scan QR Codes and the application redirects to their respective websites.
- OCR(Optical Character Reading):-Extract text from documents and further sharing it.

CONCLUSION

The main aim which we had while developing the application was to resolve the privacy issues which CamScanner, thus we saved the user data in local storage of the device only.

Currently the application is functional but there are still some features we would like to improve and add a few of them too. Hence, we are looking forward to improve the application and make it more user Friendly.

FUTURE WORK

We will try to make our auto-cropping feature more accurate and enhance the quality of the image using various filters. Also, we will introduce a functionality to share the scanned document among various social-media platforms. The UI will also be made more interactive and easy to use. We aspire to extend its usage to the web.