AUTOMATONUS

(Web Development using JavaScript)

MINI PROJECT-I SYNOPSIS

Department of Computer Engineering and Application

Institute of Engineering and Technology

SUBMITTED TO:-   **SUBMITTED BY:-**

Mr. Sharad Gupta   Shruti Bindal(191500791)

(Assistant Professor)   Yashika Gupta(191500939)

ACKNOWLEDGEMENT

A task or project cannot be completed alone. It requires the effort of many individuals .On the very outset of this project , I would like to extend my sincere and heartfelt obligations towards all the personages who helped me in this project . Without their active guidance ,help, cooperation and encouragement , I would not have made headway in the project.

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Shruti Bindal (191500791)

Yashika Gupta(191500939)

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ABSTRACT

Nowadays peoples are getting very fond of taking pictures but some of them are not according to our choices, so we are making a website where users can upload green screen with picture to replace the background with any image of their choice. They can transport themselves anywhere in the world , and beyond, with green screen. They can also apply various filters to enhance their photographs .

Morever, OCR(Optical Character Recognition) will allow users to perform many actions in few minutes, such as copy text from the aforementioned documents and modify it , instead of wasting time on retyping it.

Atlast our website will also provide speech recognition and language translator tool which can be useful for people in their daily life.
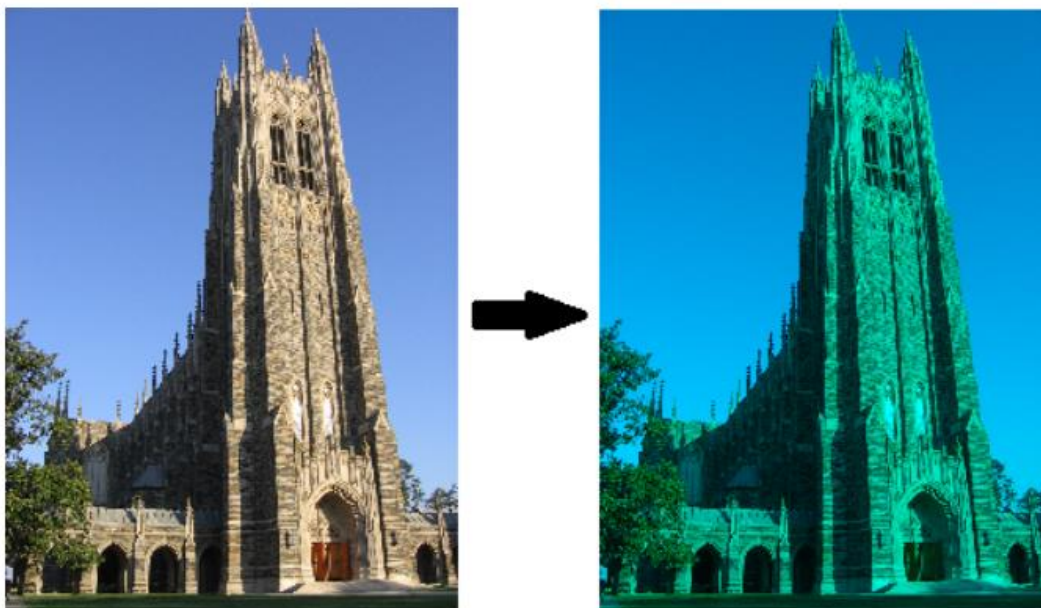
OBJECTIVE

Our Objective is to design and create a platform from where users can access the features of Green Screen background change , Secondly we are goig to add the feature of filter choosing on the uploaded image , then there will be Optical Character Regonition (OCR) ,i.e the text in image will be converted to pdf , then there will be speech recognition and language translator.

Picturization Of Our Model

- Green Screen Background change

- Various Filters can be applied to the image such as:-

- OCR Representation

Build sample OCR Script

```python
import cv2
import pytesseract

pytesseract.pytesseract.tesseract_cmd=r'C:\Program Files\Tesseract-OCR\tes

img = cv2.imread("image.jpg")

img = cv2.resize(img, (400, 450))

cv2.imshow("Image", img)

text = pytesseract.image_to_string(img)
print(text)

cv2.waitKey(0)

cv2.destroyAllWindows()
```

```
It does not matter
how slowly you go

as long as

you do not stop.
```

REQUIREMENT ANALYSIS

Hardware Requirement:

- 4GB RAM.
- 32 GB HARD DISK.

Software Requirement:

Operating System   :   Windows 10

User Interface   :   HTML,CSS

Programming Language   :   JavaScript

Application Software   :   Visual Studio Code

References

Sites:-

- www.w3schools.com
- www.javatpoint.com
- www.youtube.com
- https://stackoverflow.com/

Books:-

-JavaScript: The Good Parts by Douglas Crockford.

Faculty Guidelines

Mr. Sharad Gupta (Assistant Professor, GLA University)

Mr. Pankaj kapoor (Assistant Professor, GLA University)