

**Project Name:**

**Data Digitizing Using Computer Vision**

**Team Name:**

**New Legacy**

**Team Members:**

<b><u>Name</u></b>	<b><u>Section</u></b>
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2-Hanan Samir El Sayed.	1
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**Instructor:**

**Eng:- Aly Abdelkereem**

## **\*Main Description:**

The main idea of the project is to digitalize the data in a more easier way.

So instead of rewriting the data by ourselves and to consume less effort and time on data entry process. We can just pick up our camera and take a photo of the table we want to have it on excel and just let our application do the rest.

## **\*Tutorial:**

First we take a photo of data sheet that will be recorded as database with the phone camera. Then the application will send the photo to python through flask and by image processing we can divide the photo into cells and count the number of rows and columns.

Finally the data will be extracted from the photo by tesseract-ocr and will be automatic recorded in the excel sheet at desktop (the output).

## **\*Tools:**

1- OpenCv python at image processing (input image).

2- Java Android App & Volley Library For Networking.

3- Flask.

3- Tesseract-OCR.

5- Excel Sheet at Desktop (output).

## **\*Software Documentation Hosting Options:**

Github repository link:

<https://github.com/Hanansamir21/New-Legency-Team>