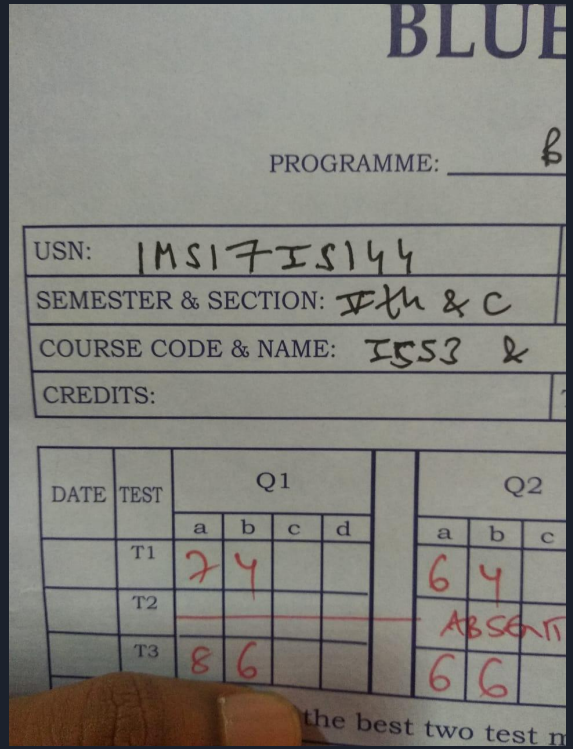
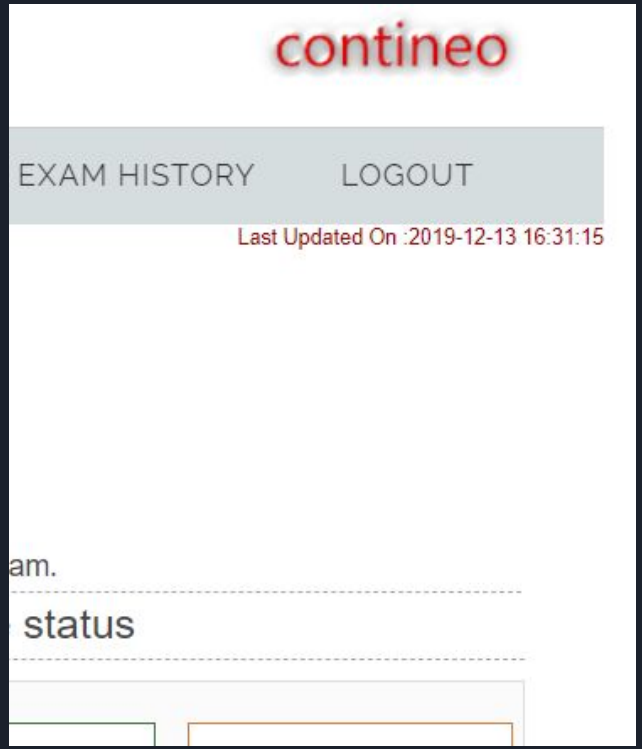
DIGITAL IMAGE PROCESSING PROJECT

SUBMITTED BY -

SAHANA JP (1MS17IS099)
AMAN BHATNAGAR (1 MS 17IS144)
SANKET CS (1MS 17IS102)
SANJAY BR (1 MS 17IS101)

Problem Statement





SCAN

UPDATE

Solution

Language

+

Pre-processing

Train + Test

+

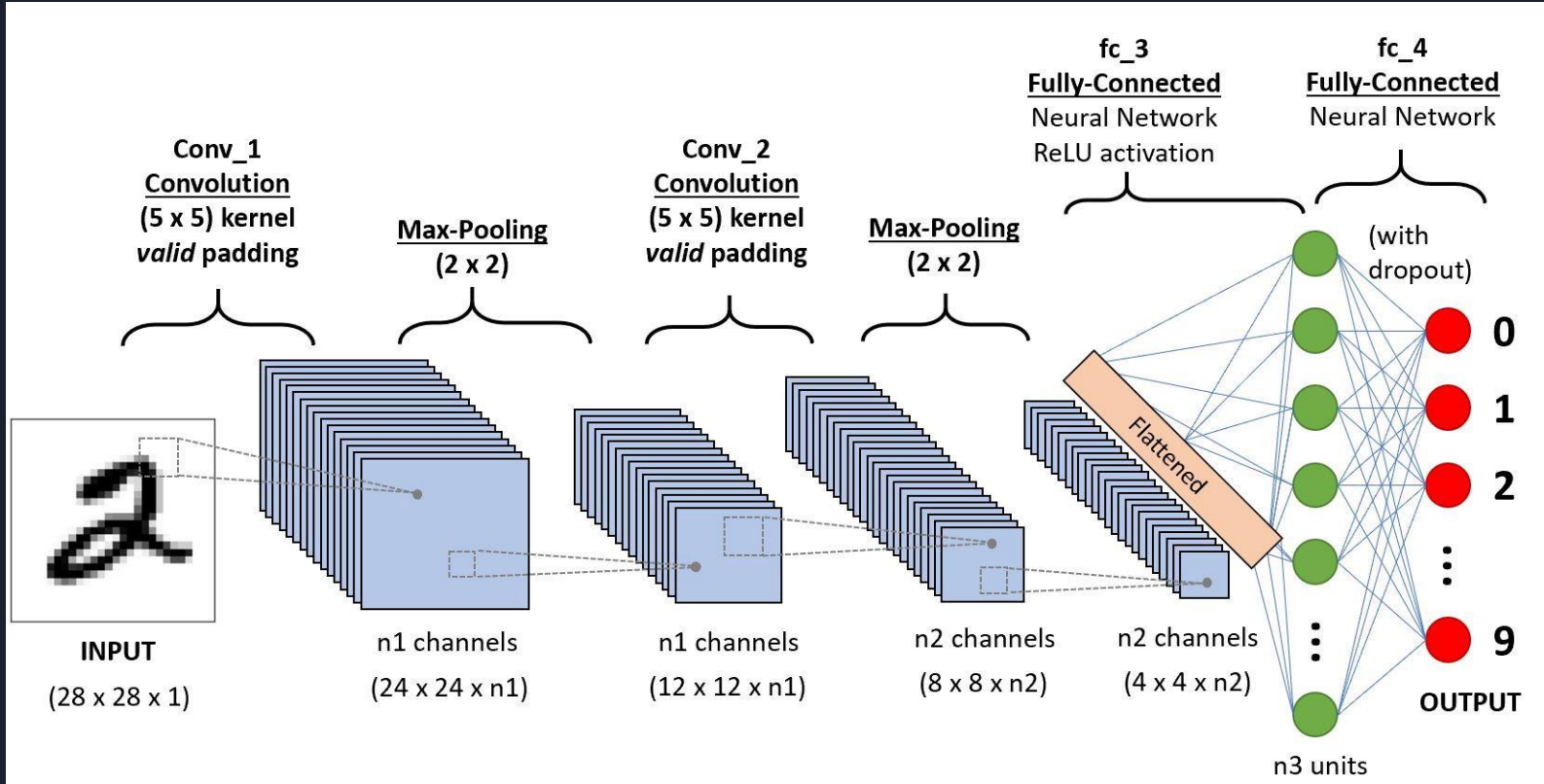
Hosting

UI Design

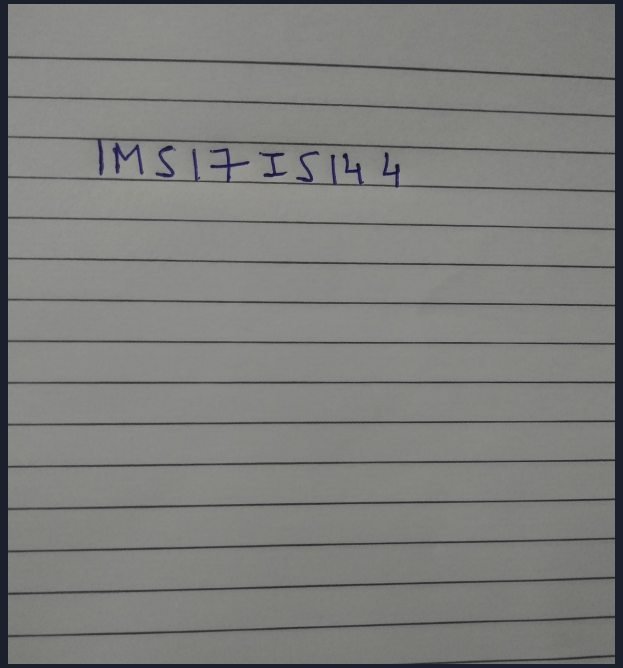
Pre-processing

1. Read the Image
2. Convert it into Gray Scale
3. Apply Thresholding
4. Define contours
5. Define and store the attributes height, width and axis
6. Apply Prediction on a trained machine learning model

The Convolutional Neural Network



The Demo



Scanned Image

Pre-processing / Segmentation

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Prediction based on pre-trained model

amyy28/DIP_Project | DIGITAL IMAGE PROCESSING PR | DIP PROJECT - Google Docs | Contineo - Bringing Happyness t

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Google Vision API (... | Complete list of git... | Bootstrap Snippet T... | Speed Up | Competitive Progra... | Data Structures and... | optical-character-re...

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AMAN BHATNAGAR
IMS17 IS14 4

Semester 5
Credits Earned : 0
Credits to Earn : 0
ance Letter

Please Note:

Attendance

- More than 85% of Attendance is must in each subject to write final exam.
- 75% - 84% can be condoned in each subject by principal for genuine reason.
- Below 75% of Attendance in each subject will not be allowed to write the final exam.

Internal Assessment

- Minimum 40% of Internal Assessment in each subject is must to write final exam.
- Below 40% of Internal Assessment in each subject will not be allowed to write final exam.

Current Semester - Course registration - CIE and attendance status

ISEA1 Digital Image Processing Lesson Plan Course Materials Megha P Arakeri	80% Attendance	25/30 Internal Assessment

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Image +

= Best Results