



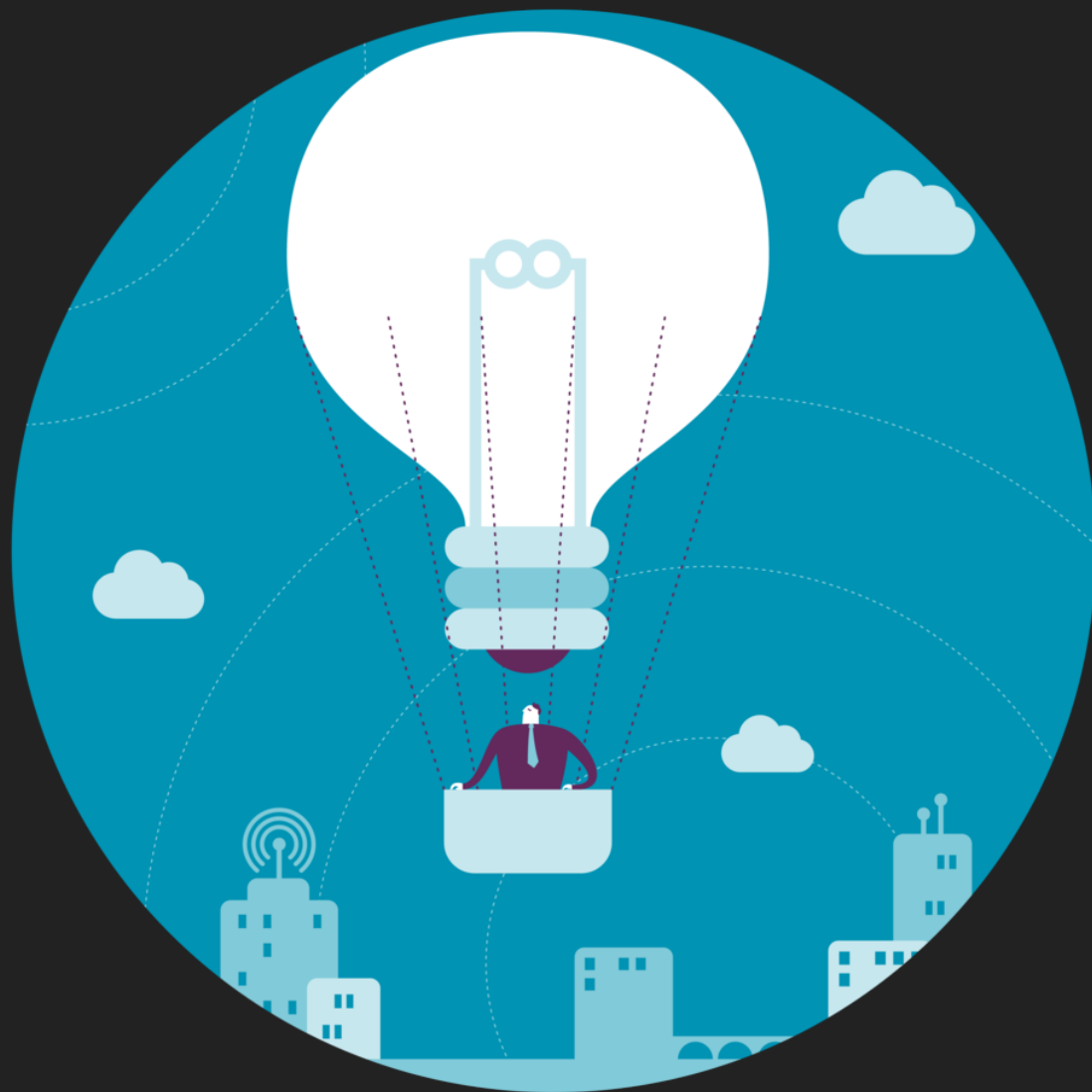
DIGIT RECOGNITION

OVERVIEW

- ▶ Introduction
- ▶ Objective
- ▶ Implementation
- ▶ System Overview
- ▶ Team Collaboration
- ▶ Conclusion

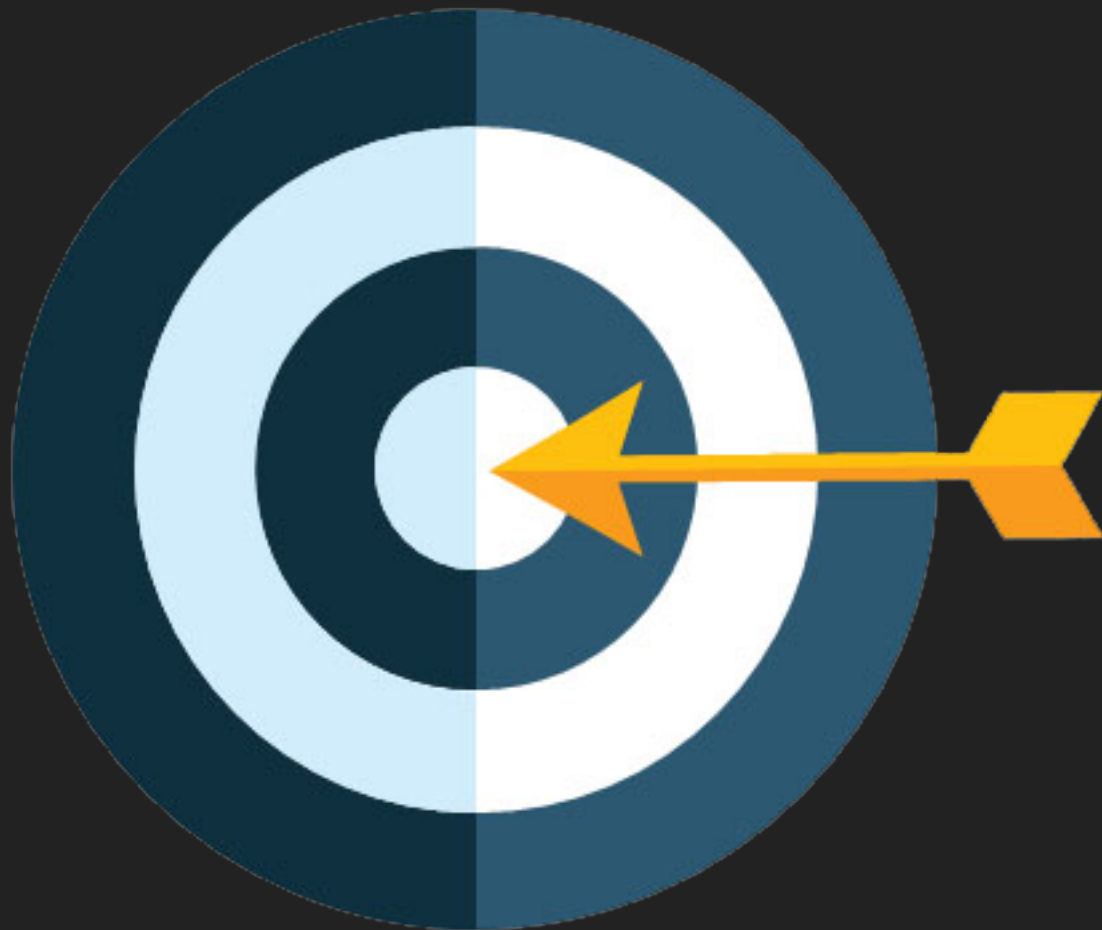


INTRODUCTION



- ▶ This system can detect digit from image input using neural network technique.
- ▶ can detect handwriting digit from sketch input.

OBJECTIVE



- ▶ To recognize digit in real situation for machine processing.
- ▶ Visualize for people to get new insight

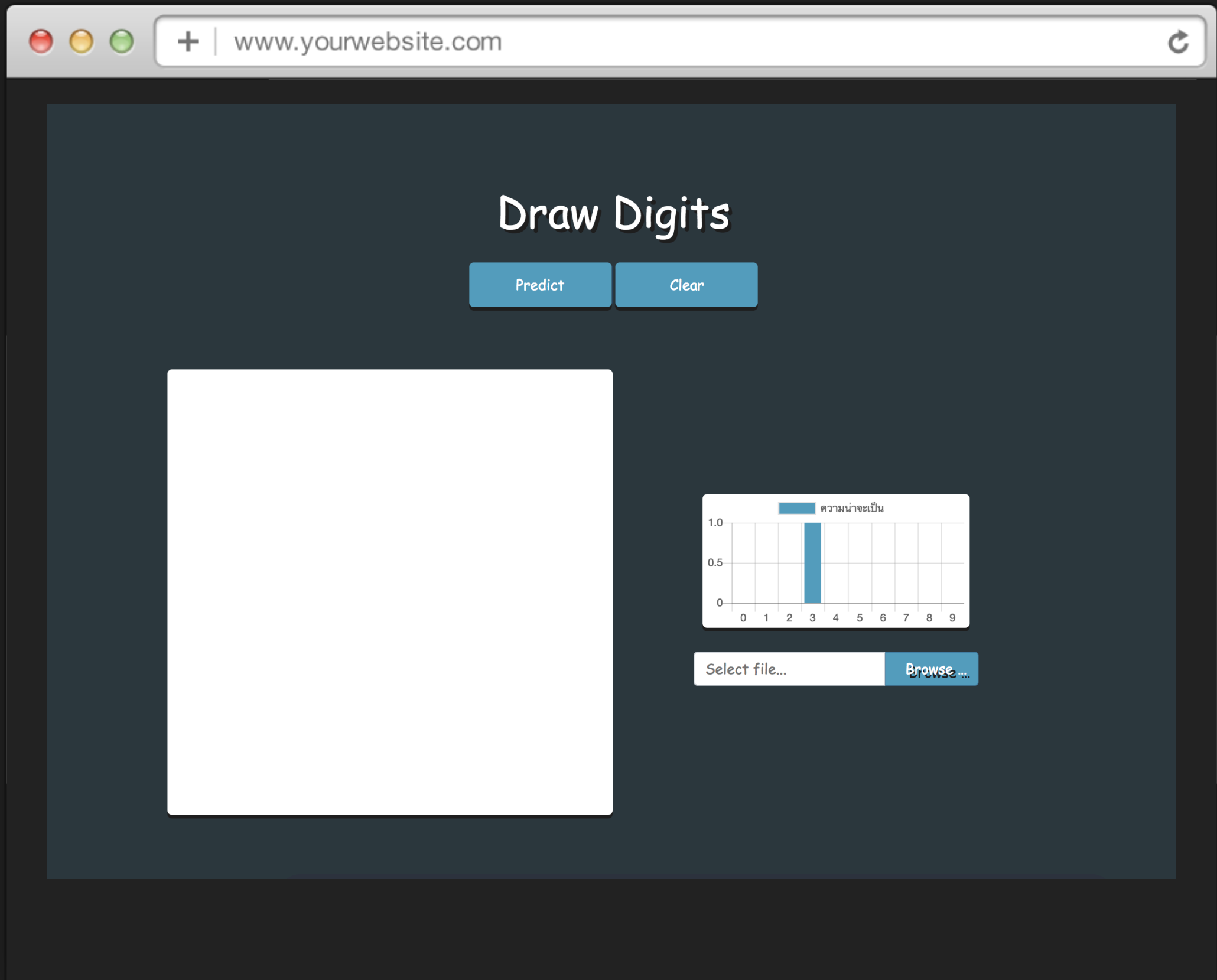
IMPLEMENTATION

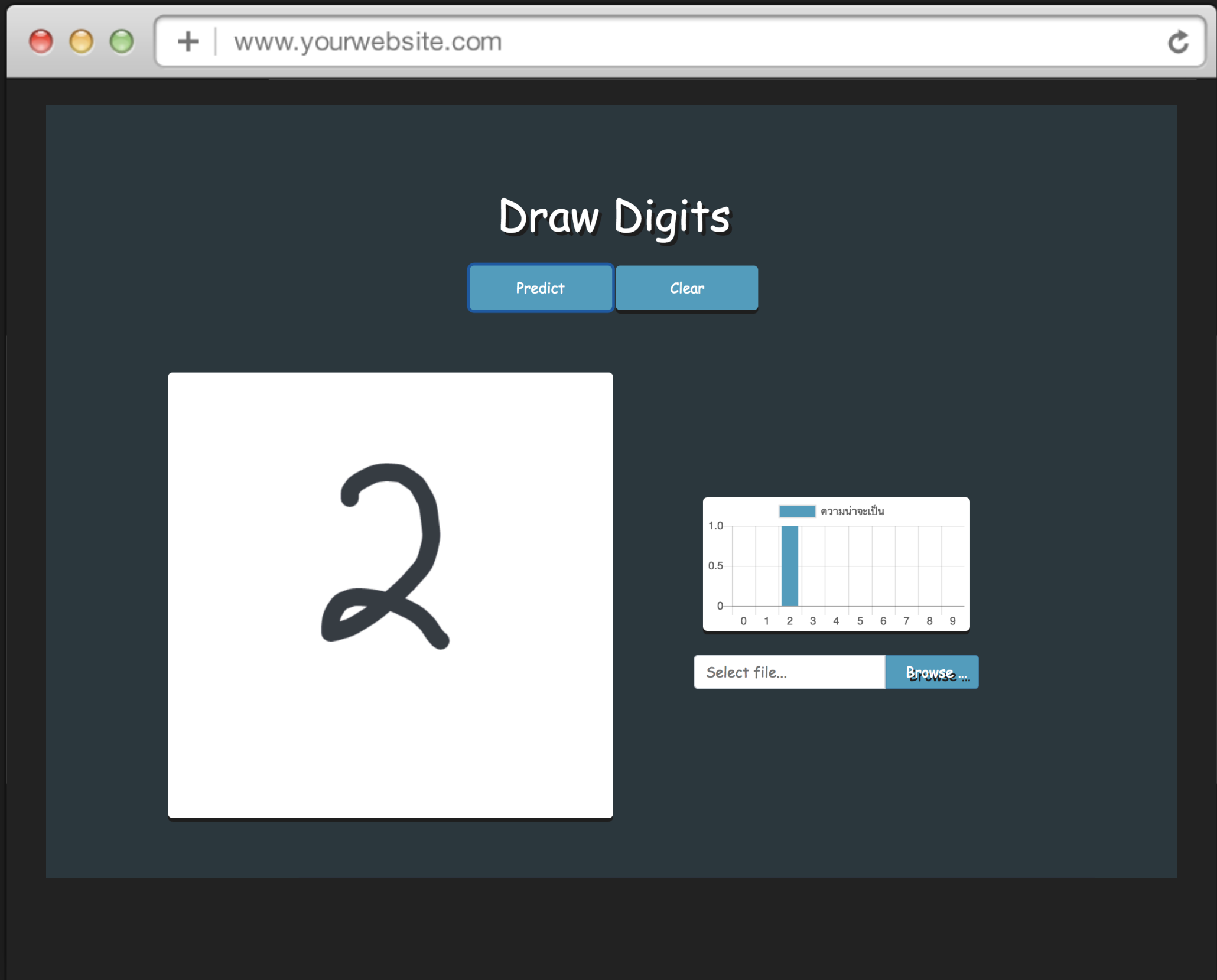
- ▶ using keras library for train model
- ▶ using MSER algorithm for detect digit in image
- ▶ using CNN in model

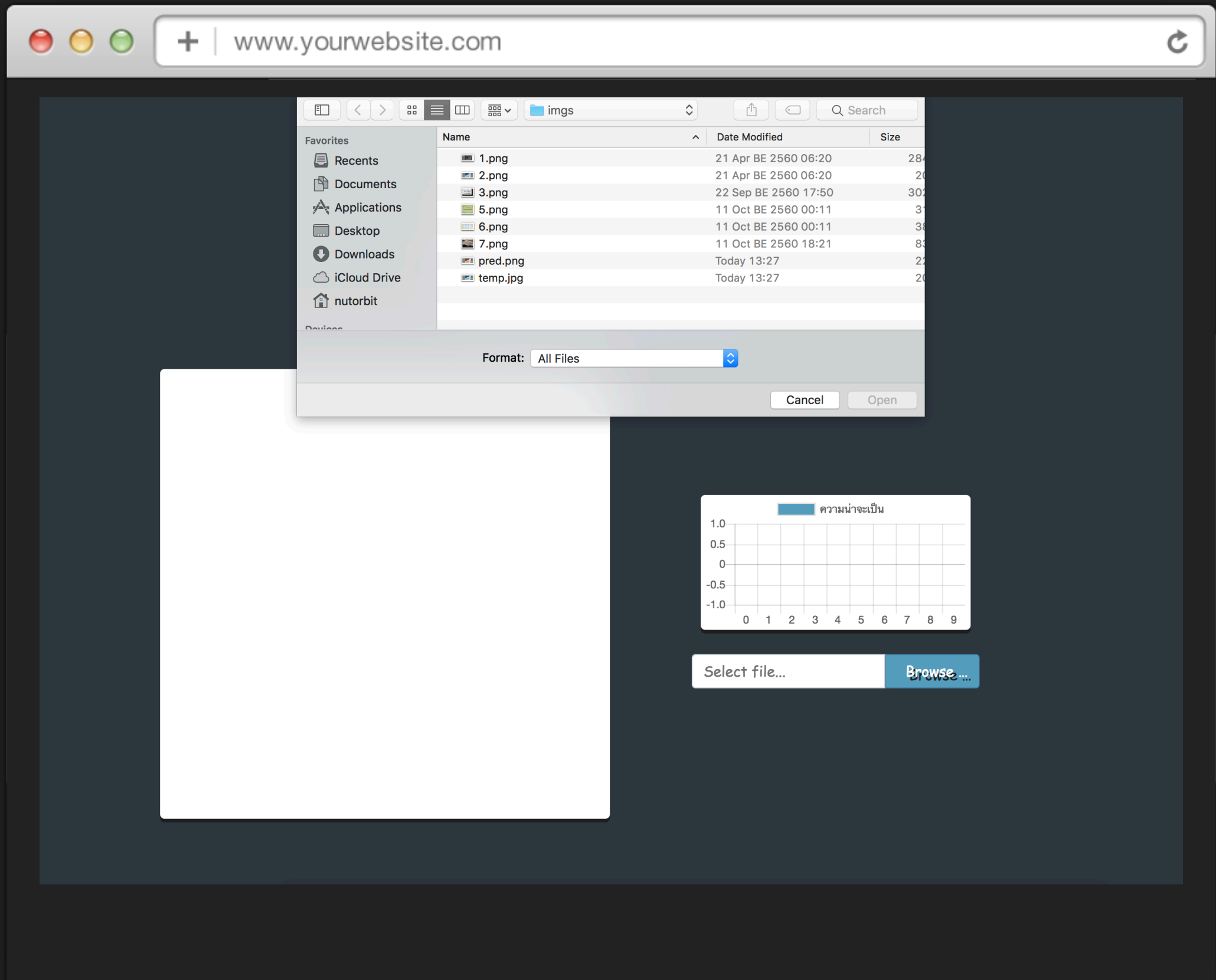


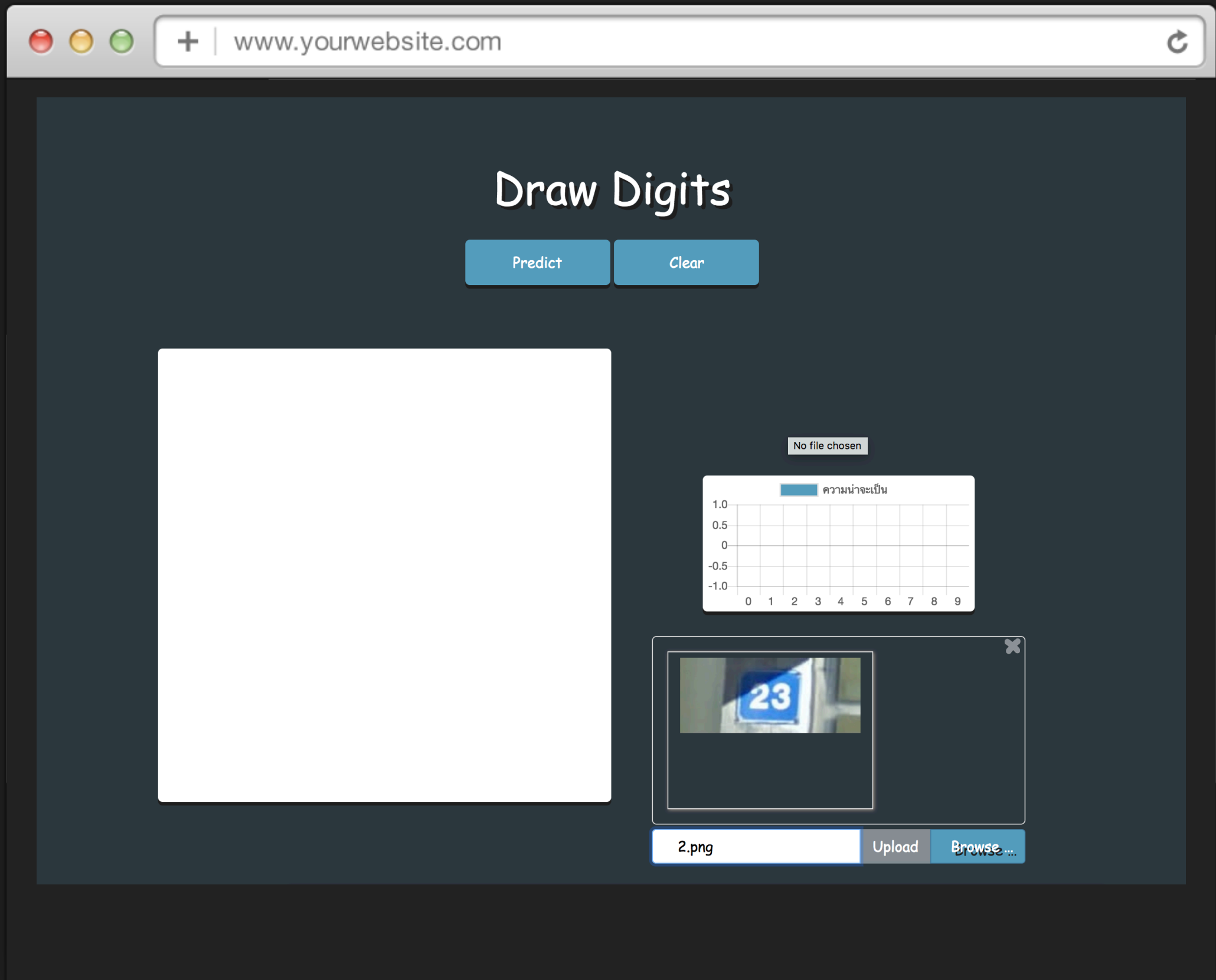
SYSTEM OVERVIEW

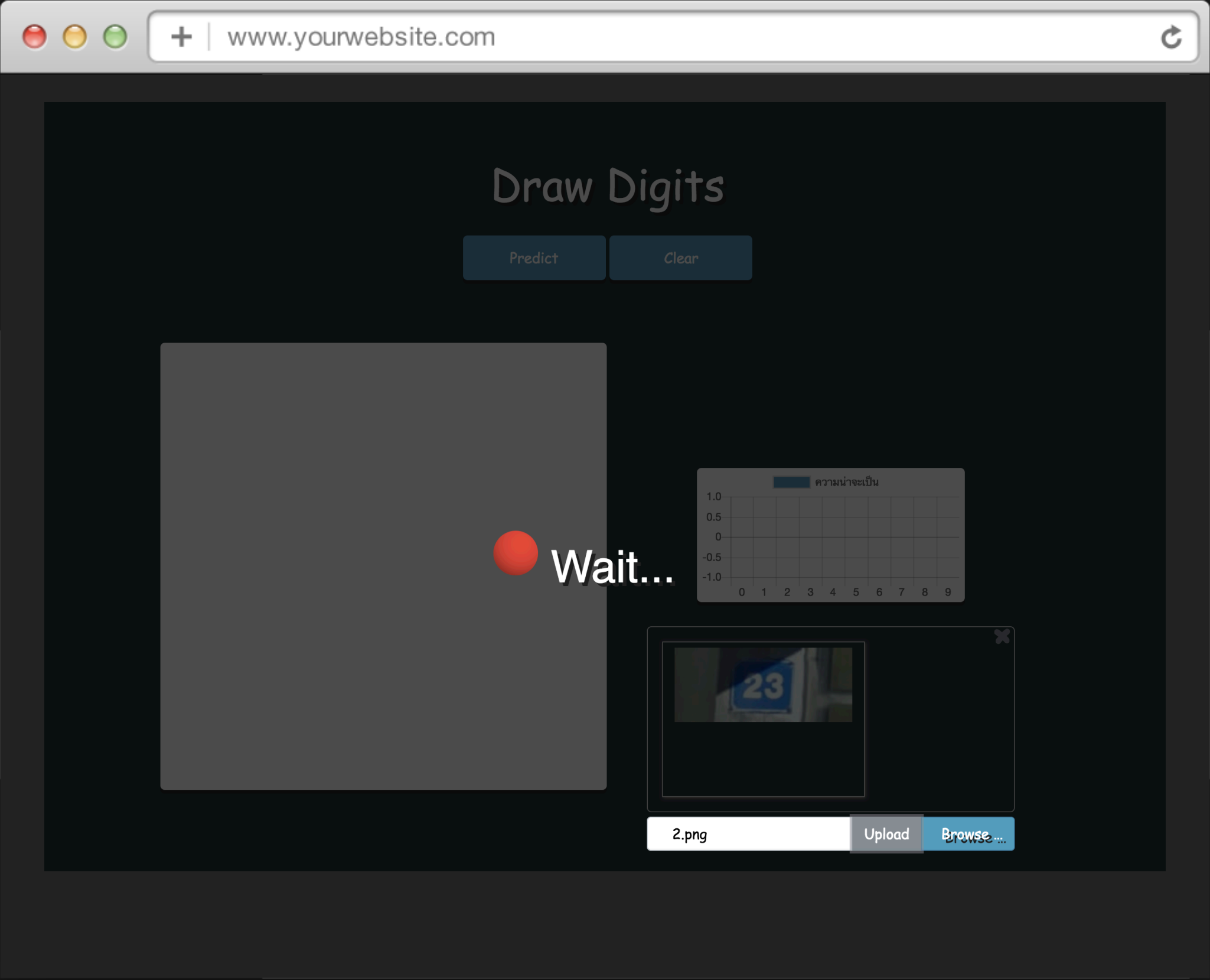












+

www.yourwebsite.com

23

23

ความน่าจะเป็น

1.0

0.5

0

-0.5

-1.0

0

1

2

3

4

5

6

7

8

9

23

2.png

Upload

Browse...

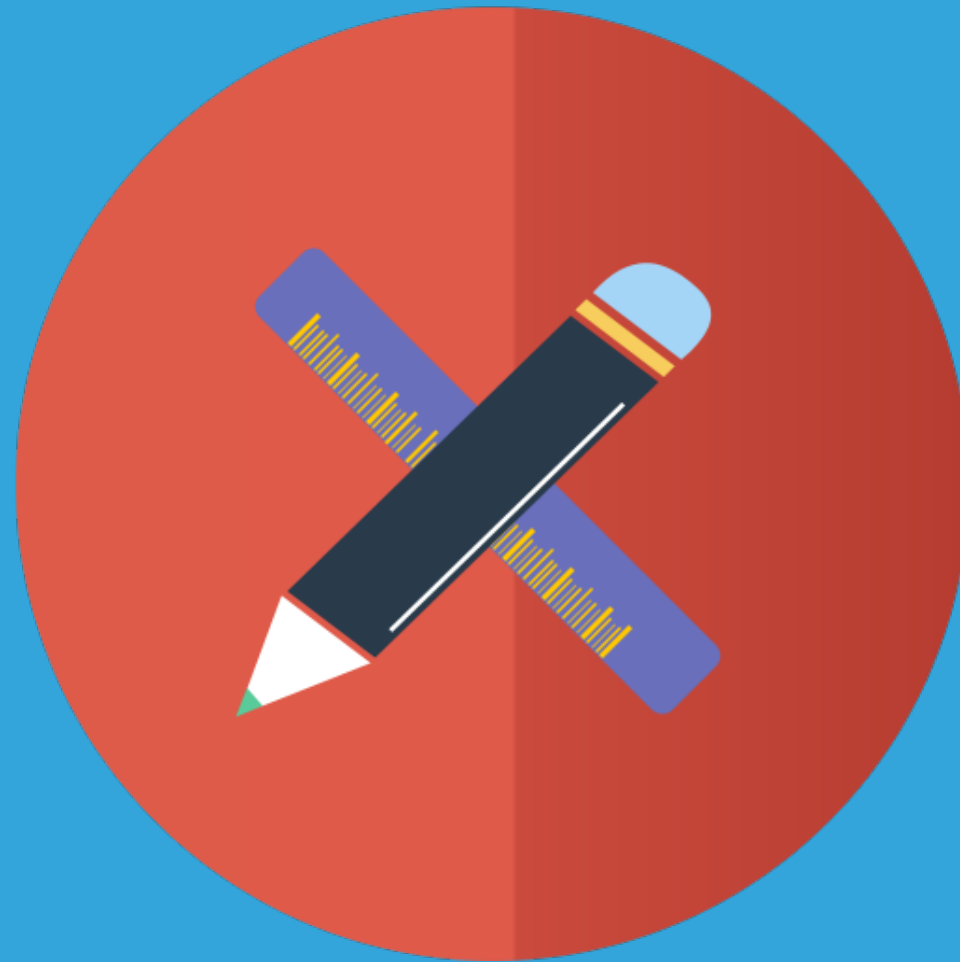


CONCLUSION

digit recognition



- ▶ Understand how to store image and how to classification
- ▶ Get insight for innovation new product
- ▶ Understand how to build neural network



TEAM COLLABORATION



Tanakrit Kachai

- ▶ HTML - CSS
- ▶ Design Web
- ▶ Create Server

Nut Chukamphaeng

- ▶ Python - Javascript
- ▶ Create Model
- ▶ Create Detection



THANK YOU

FOR WATCHING