Course name: Software Metrics Lab
Course code: SE 3204

Submitted to

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Project name: Digital Voting System

Project link: https://github.com/Joy-extreme/Face-recognition-voting/tree/master

Code Size

We have developed a code for measuring all the metrics regarding code size if the location of the directory is given. We have measured the following things:

- Count of the number of lines (with blank lines).
- Count of the number of blank lines and comments
- Count of all statements except comments
- Count of all statements
- Count of all non-commented line
- Count of all commented line
- Count of comment density

Link of code: https://github.com/Joy-extreme/Face-recognition-voting/tree/master/Code%20for%20finding%20code%20size

Summary of Code size of our projects:

|---------------------------Summary--|

Total File number: 16

Total File size(in kilo bytes): 96.2890625

Total number of lines(with blank lines): 2820

Total number of commented lines: 749

Total number of non commented lines: 2071

Total number of blank lines: 555

Total number of importing lines: 164

Total numbers of statements: 1277

Total Number of characters: 98600

Number of characters per line: 34

Design size

Package no	Package name	Class no	Class name
P1	**UserInterface**	**C1**	**AdminMainClass**
		C2	**UserMainClass**
		C3	**WelcomePage**
		C4	**StartingPageOfVoter**
		C5	**EndingPage**
		C6	**UserPanel**
		C7	**VoterPanel**
		C8	**ResultPanel**
		C9	**EndingPageOfVoter**
		C10	**PasswordCheck**
P2	**FaceRecognition**	**C11**	**WebcameCapture**
		C12	**ImageLoad**
		C13	**ImageToPixel**
		C14	**HistogramEqui**
		C15	**CroppingOfImage**
		C16	**FaceSimillarityPercentage**

Sub package

Number of Sub Package	0

Classes

Class No.	Class Name	Method Signature	Number of Parameters	Total Parameters
C1	AdminMainClass	main(String[]args)	1	1
C2	UserMainClass	main(String[]args)	1	1
C3	WelcomePage	components()	0	0
C4	StartingPageOfVoter	components()	0	0
C5	EndingPageOfVoter	components()	0	0
C6	UserPanel	components()	0	0
C7	VoterPanel	components()	0	0
C8	ResultPanel	components()	0	0
C9	EndingPage	components()	0	0
C10	PasswordCheck	components()	0	0
C11	Webcamecapture	captureImage()	0	0
C12	ImageLoad	doImageLoad()	0	0
C13	ImageToPixel	lbp_pixel(int [][]img,int x,int y) convertToArrayLocation(BufferedImage inputImage) getpixel(BufferedImage inputImage) getPixelValues()	3 1 1 0	5
C14	HistogramEqui	getHistEquiImage(String location)	1	1
C15	CroppingOfImage	getCroppedImage()	0	0
C16	FaceSimillarityPercentage	getPercentage (int[][]matrix1,int[][]matrix2)	2	2

Interfaces

No of interfaces	0

Abstract class

No of abstract classes	0

Public Methods

No of public methods	19

Private Methods

No of private methods	0

Parameters

No of parameters	10

Parameters per method

No of parameters per method	0.52

Design Pattern

No of design pattern used	0