**HTML**

Heading “Abstract Art Competition”

Instructions

Canvas

Drop down list(selection) for shapes

Buttons

Clear canvas

Attach image

Draw shape

Reset

Submit

Drawing elements

Drawing parameters (input)

Number fields

Fill color palette

Line color pallete

Form

Add user name, email, password, confirm password, phoneNo

Java script

canvas context

**Events**

‘select’ English language from the list

Change heading color,change heading language

Change instructions language

‘select’ on Spanish language from the list

Change heading color,change heading language

Change instructions language

‘click’ Draw button

Draw ()

‘click’ clear button

clearCanvas()

‘click’ Attach button

attachImage()

‘click’ Reset button

Clear text fields username, password, confirm password, phone no

‘click’ Submit button

Submit data to the server ( process.php )

‘click’ on circle

Change circle color

Show circle parameters-slider size,color

‘click’ on rectangle

Change rectangle color

Show rectangle parameters- x,y,size,color

‘click’ on line

Change line color

Show line parameters -startx, endx, endy, color

‘click’ on radius size range slider

radius= range value

‘click on rect endx

rectEndX= range value

click rect endy

rectEndY= range value

‘click’ startX number(input)

startX = value

‘click’ startY number(input)

startY = value

‘click endx number(input)

endX=value

‘click endy number(input)

endY=value

**Functions**

Function draw()

//draw selected shape using parameters

If circle selected

Draw circle using attribute values

If rectangle selected

Draw rectangle using attribute values

If line selected

Draw line using attribute values

Function attachImage()

To DataURL() apply to invisible hyperlink

Redirect button to click on link

Function ClearCanvas()

Clear circle from the canvas

Clear rectangle from the canvas

Clear line from from the canvas

Function Changelanguage()

If language English

Heading “abstract art competition”

Heading colour “purple”

Instructions

Else if language Spanish

Heading

Heading colour “Blue”

Instructions

Function passwordCheck ()

If password != confirm password

Display invalid message