**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

changeLanguage(“English”)

‘select’ on Spanish language from the list

changeLanguage(“Spanish”)

‘click’ Draw button

Draw ()

‘click’ clear button

clearCanvas()

‘click’ on circle

Draw(“circle”)

‘click’ on rectangle

Draw(“rectangle”)

‘click’ on line

Draw(“line”)

‘click’ on radius size range slider

radius= range value

passwordCheck ()

If password != confirm password

Display invalid message

**Functions**

Function draw()

//draw selected shape using parameters

Get fillColor

Get startX

Get startY

Get circleSize

If circle selected

Draw circle using canvas methods and querySelect values

If rectangle selected

Draw rectangle using canvas methods and querySelect values

If line selected

Draw line using canvas methods and querySelect values

Function attachImage()

To DataURL() apply to invisible hyperlink

Redirect button to click on link

Function ClearCanvas()

ClearRect()//draw clear rectangle over entire canvas method

Function Changelanguage()

If language English

Heading “abstract art competition”

Heading colour “purple”

Instructions

Else if language Spanish

Heading

Heading colour “Blue”

Instructions