

Class Diagram for Project 4 – Image Controller

Testing Plan for Controller

Testing	Method	Expected
ImageController	ImageControllerImpl constructor	Instance of ImageController
ImageController	Start	Input is received into class
Test blur	Blur	Blur filter applied
Test sharpen	Sharpen	Sharpen filter applied
Test greyscale	Greyscale	Greyscale transformation applied
Test sepiatone	Sepiatone	Sepiatone transformation applied
Test color dither with valid arguments	ColorDither	ColorDither applied
Test color dither with invalid arguments	ColorDither	IllegalArgumentException
Test greyscale dither with valid arguments	GreyscaleDither	GreyscaleDither applied
Test greyscale dither with invalid arguments	GreyscaleDither	IllegalArgumentException
Test mosaic with valid arguments	Mosaic	Mosaic applied
Test mosaic with invalid arguments	Mosaic	IllegalArgumentException
Test pixelate with valid arguments	Pixelate	Pixelation applied
Test pixelate with invalid arguments	Pixelate	IllegalArgumentException

