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Final Project: WebGL

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University of Maryland University College

CMSC 405 7980 (2188)

Professor Lauren King
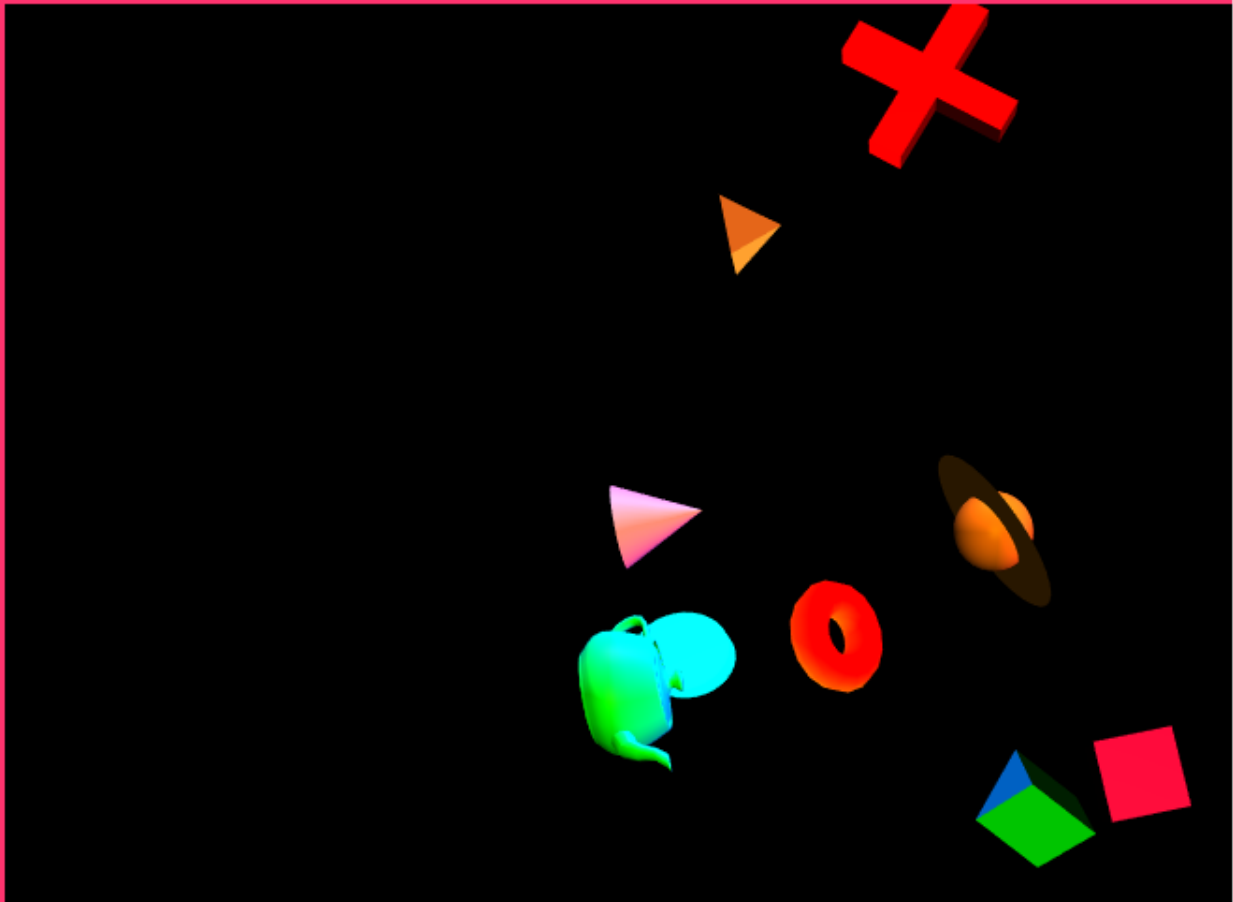
Shape	Animation?	Lighting?	Responds to Mouse Rotation?	Responds to Slider Bar?
Cube	Yes	Yes	Yes	Yes
Sphere	Yes	Yes	Yes	Yes
Cylinder	Yes	Yes	Yes	Yes
Ring	Yes	Yes	Yes	Yes
Torus	Yes	Yes	Yes	Yes
Cone	Yes	Yes	Yes	Yes
Triangle	Yes	Yes	Yes	Yes
Pyramid	Yes	Yes	Yes	Yes
Cross	Yes	Yes	Yes	Yes
Teapot	Yes	Yes	Yes	Yes

Screenshot 1: Successful Run of the Program

Screenshot 2: Program Responds to Trackball Rotation

Screenshot 3: Program Responds to Slide Bar Adjustments

Screenshot 4: Program Responds to Animation Reset
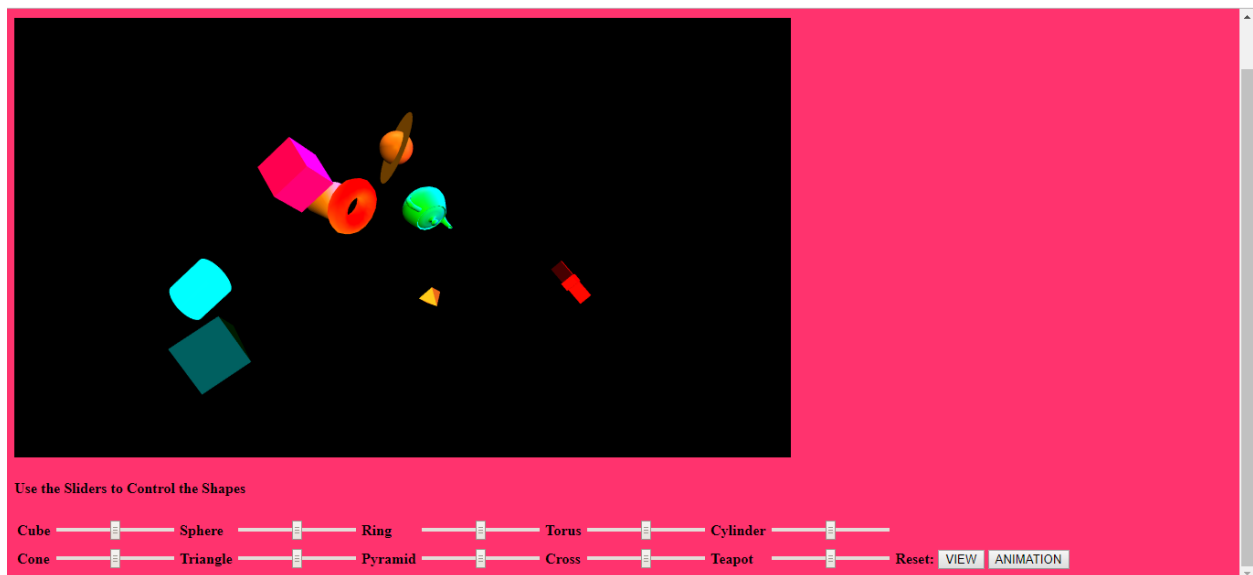
References Utilized for this Project:

N.podbielski. (n.d.). Line in WebGL and Why You Are Going to do this on your Own. Retrieved

December 15, 2018, from

https://www.codeproject.com/Articles/594222/LineplusinplusWebGLplusandpluswhyplusyouplu

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WebGL 3D Perspective. (n.d.). Retrieved December 15, 2018, from

https://webglfundamentals.org/webgl/lessons/webgl-3d-perspective.html

WebGL Fundamentals. (n.d.). Retrieved December 15, 2018, from

https://webglfundamentals.org/webgl/lessons/webgl-fundamentals.html

WebGL Quick Guide. (n.d.). Retrieved December 15, 2018, from

https://www.tutorialspoint.com/webgl/webgl_quick_guide.htm