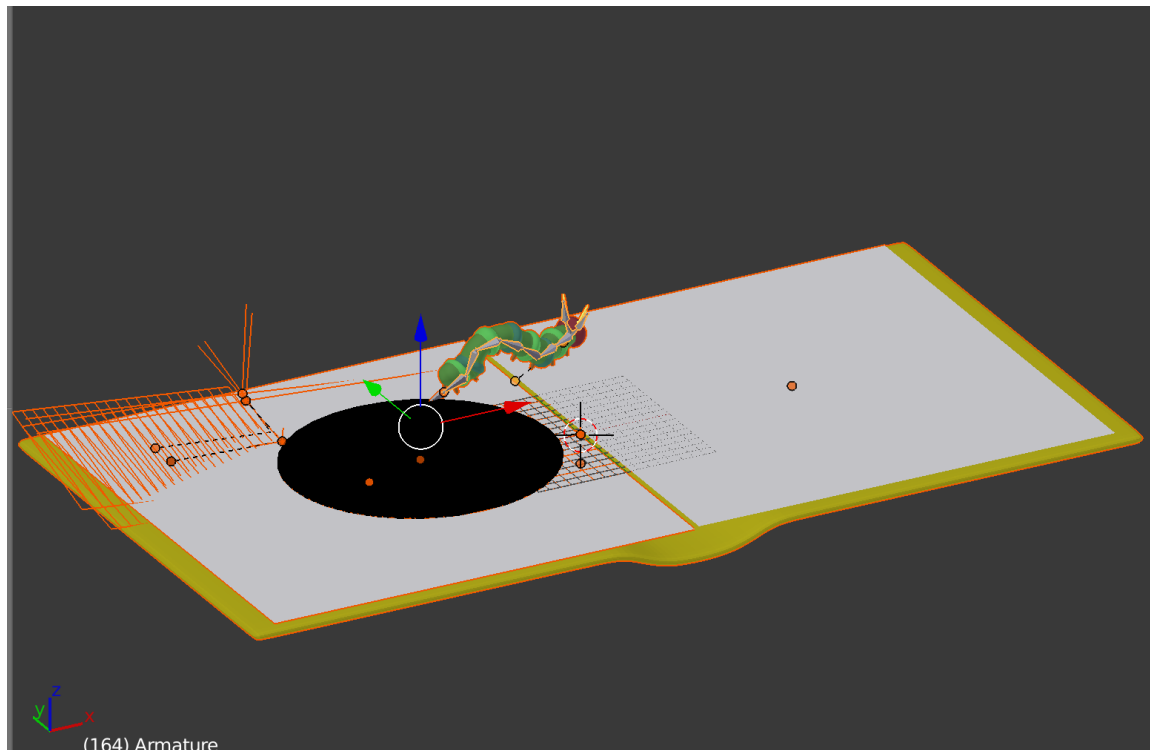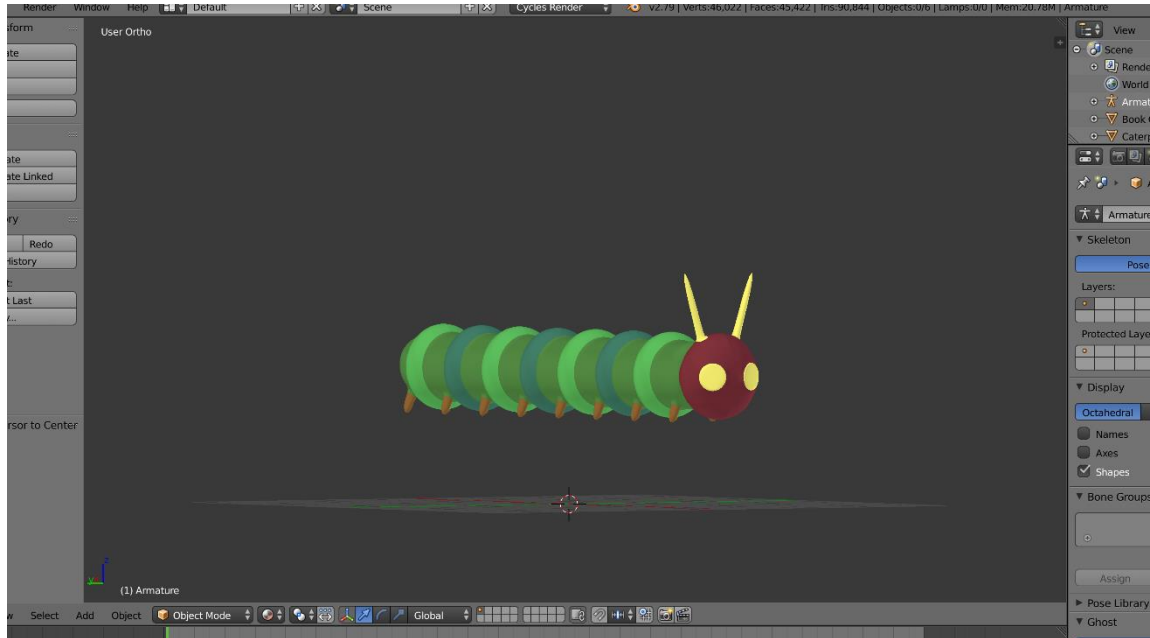Natalie Bellido

Art 107, Section: 1

March 3, 2020

Project #1: AR Book Documentation

Images:

Video: https://nataliebellido.github.io/Art107-AR-Demos/Project1/project1vid/index.html
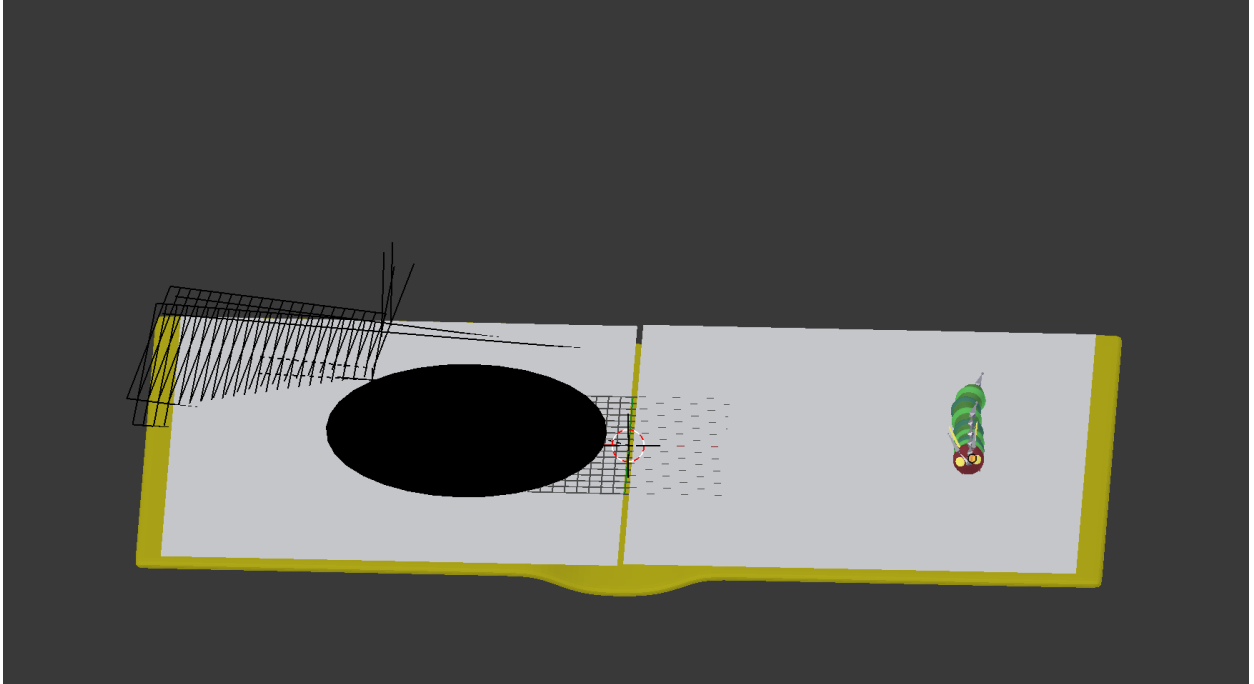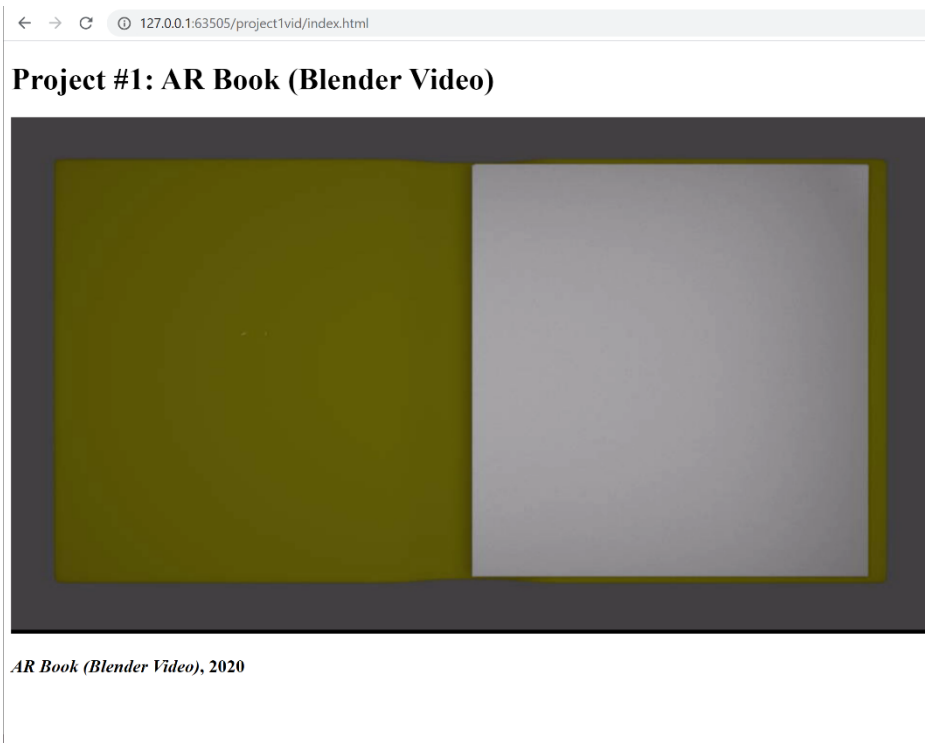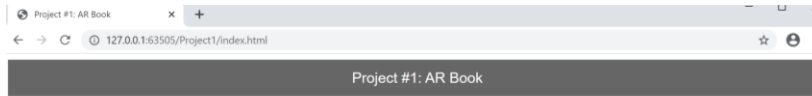
Use this one if the other isn't working for some reason: https://nataliebellido.github.io/Art107-AR-Demos/project1vid/Art107Project1Render0040-0245.mp4

AR page (not working for some reason): https://nataliebellido.github.io/Art107-AR-Demos/Project1/index.html

Work List:

Title: AR Book

Medium: Digital Media (Blender Animation/Video)

Duration: 8 seconds

Process/Tools:

I went into Blender and created a little caterpillar. After I finished modeling it, I began working on rigging it so it could move like a real one. It was a little difficult, but luckily there were a few videos on how to do it on Youtube..Once I finished the caterpillar, I began to work on the book which was actually the hardest part because there were a lot more things I had to learn how to use to make the pages flip. It was making my laptop lag a lot at this point so I had to be very careful with how many pages I wanted to add. I ended up making it very few pages, but it turned out nicely! At this point, I was ready to get everything into A Frame, but then I was having problems figuring out how to get the add on in Blender to export the models with animation. I checked the website for more information, but got no where really. I ended up deciding that maybe I should make it a video instead and use the video with A Frame so maybe it would actually work out for me. I can't get the video to pop up or the camera to even show up which made me really sad since I'd been searching for a good solution for so long. I thought about maybe using Vuforia, but I remembered that even Rhonda had been having problems helping me get it to work on my laptop at the workshop so I decided against it. Hopefully, I can still get some points for the work that I did do even though it isn't working like I wanted it to!

Inspiration:

        I used to be a huge bookworm back in elementary and middle school, but I stopped reading for fun once high school began. I've always felt bad about it, but I never really made time for it again since I was always so busy with school work. I loved how books were able to take me to different worlds and I really enjoyed fantasy books most of all. I wanted to create this AR project to show how books could be really enjoyable and also how everything is becoming more digital now. Textbooks get super expensive and digital copies of books are a lot more affordable for those who are unable to pay for hard copies. I was thinking that maybe one day we can pay a few dollars for an entire book you can scan and have access to through your phone with a qr code or something similar. The caterpillar is a reference to the first book I ever read which was about a very hungry caterpillar which is why I wanted to add it in and also why it eats through the page. I originally wanted there to be lots of particles popping out of the book, but since it wouldn't pop up, I was never able to get that done either which is a real shame since I spent so long with getting the book modeled and the pages moving so it could be a little surprise. Below is the image I had presented for the project idea!