MICHIGAN STATE UNIVERSITY

Alpha Presentation Vessel Classifier for Marine Monitor (M2)

The Capstone Experience

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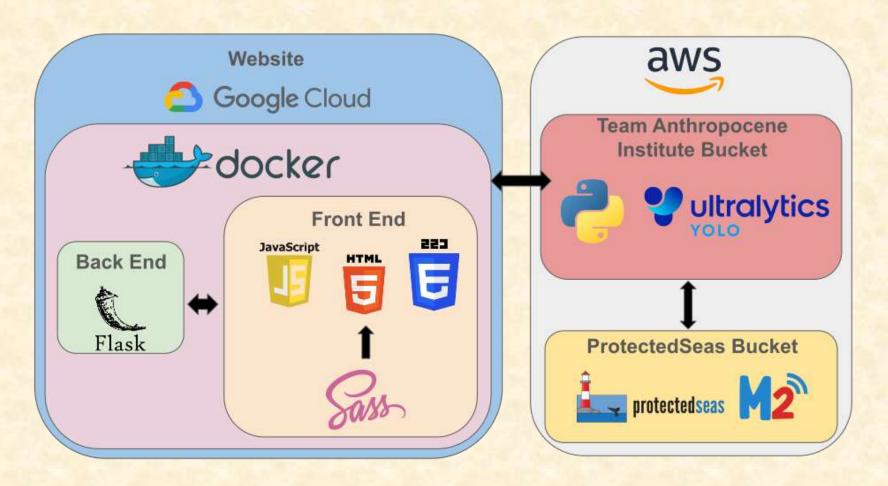
Spring 2024



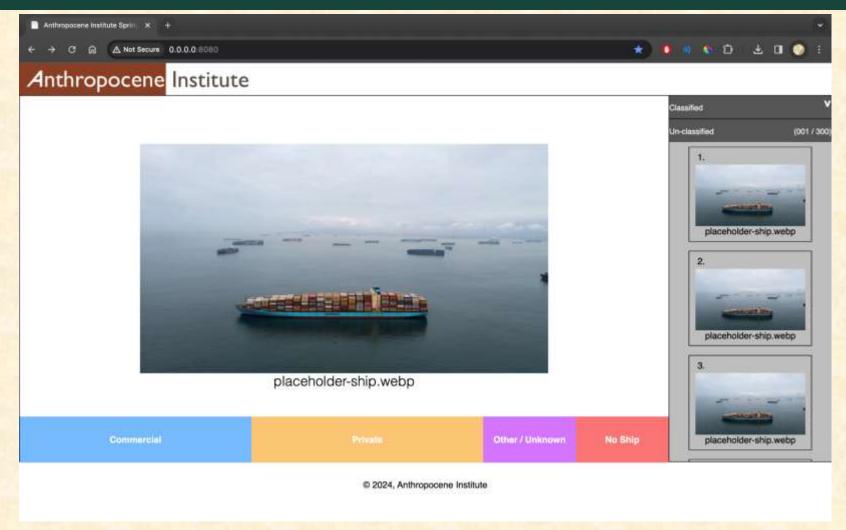
Project Overview

- Vessel classifier for Marine Monitor (M2)
- Use a machine learning model to detect any vessels within an image
- Interactive web application allows users to reclassify images
- Classified images are available to retrain model

System Architecture



Classification Page





What's left to do?

- Upload the model to AWS
- Connect the website to AWS
- Implementing a gallery view on the website

Questions?

