Beta Presentation
Vessel Classifier for Marine Monitor (M2)

The Capstone Experience

Team Anthropocene Institute

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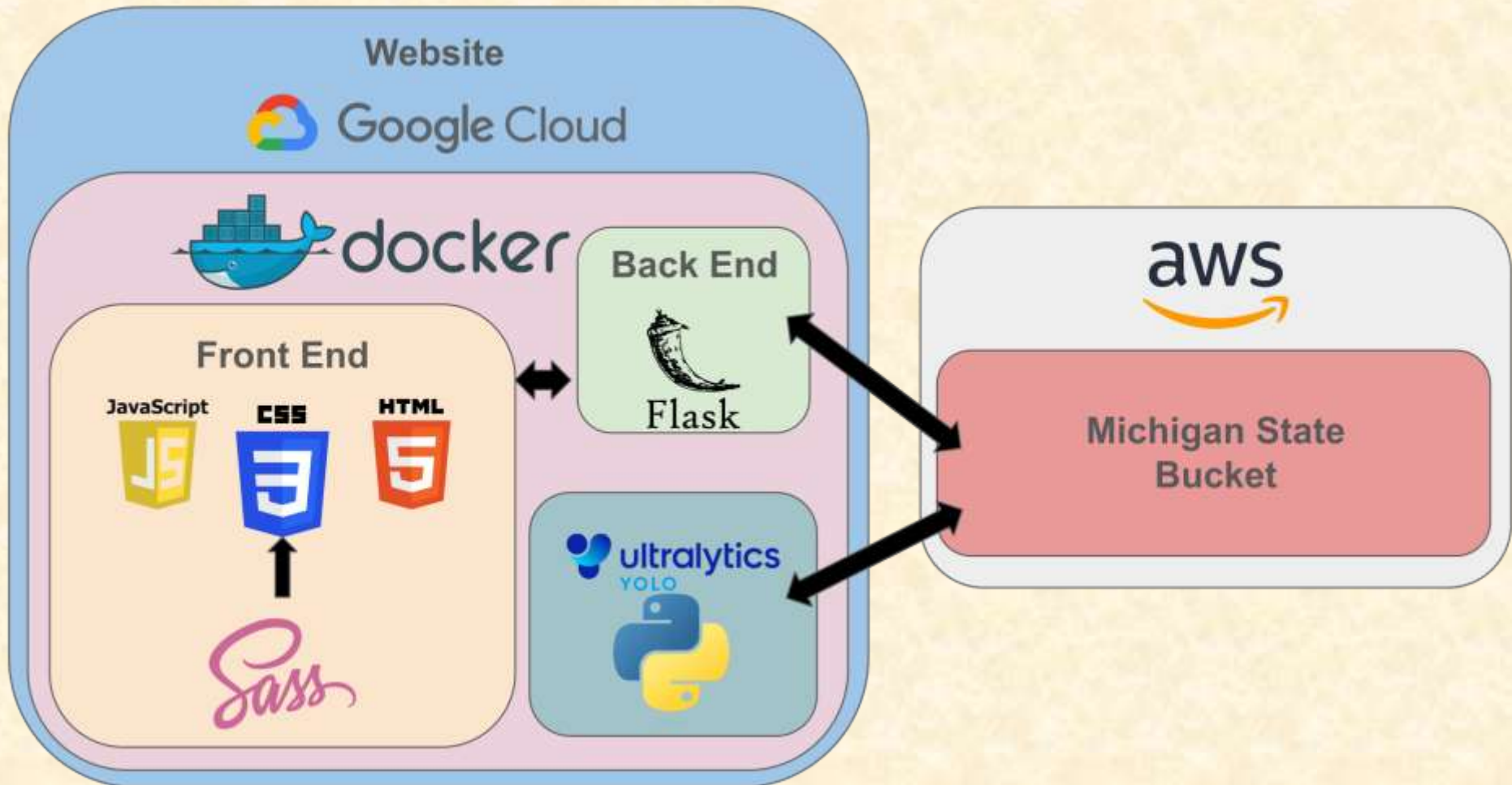Michigan State University
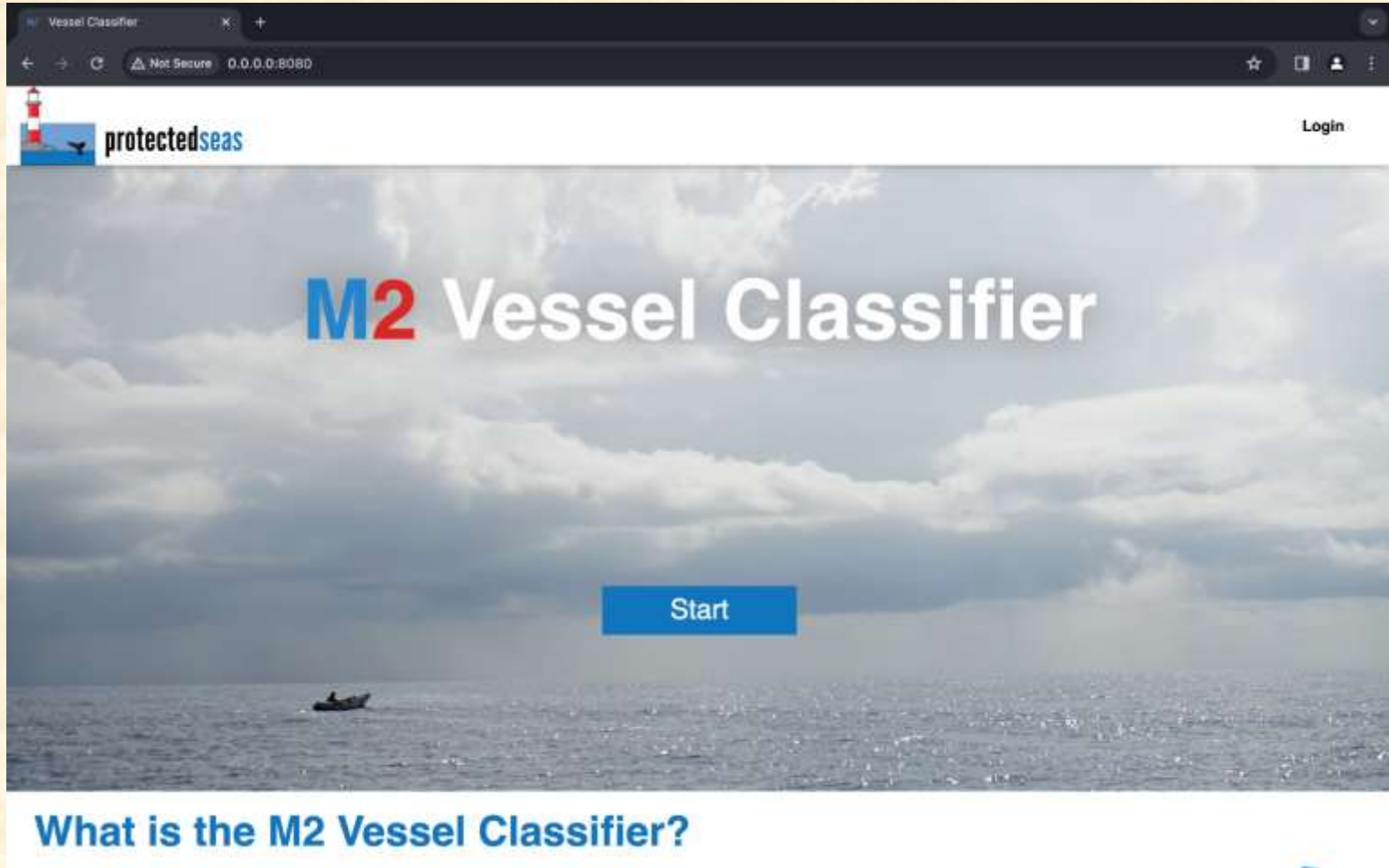
Spring 2024

Project Overview

- Illegal fishing is prevalent, even in protected marine environments

- ProtectedSeas M2 monitors protected zones, but data needs to be analyzed

- Machine Learning data analysis needs large labeled datasets

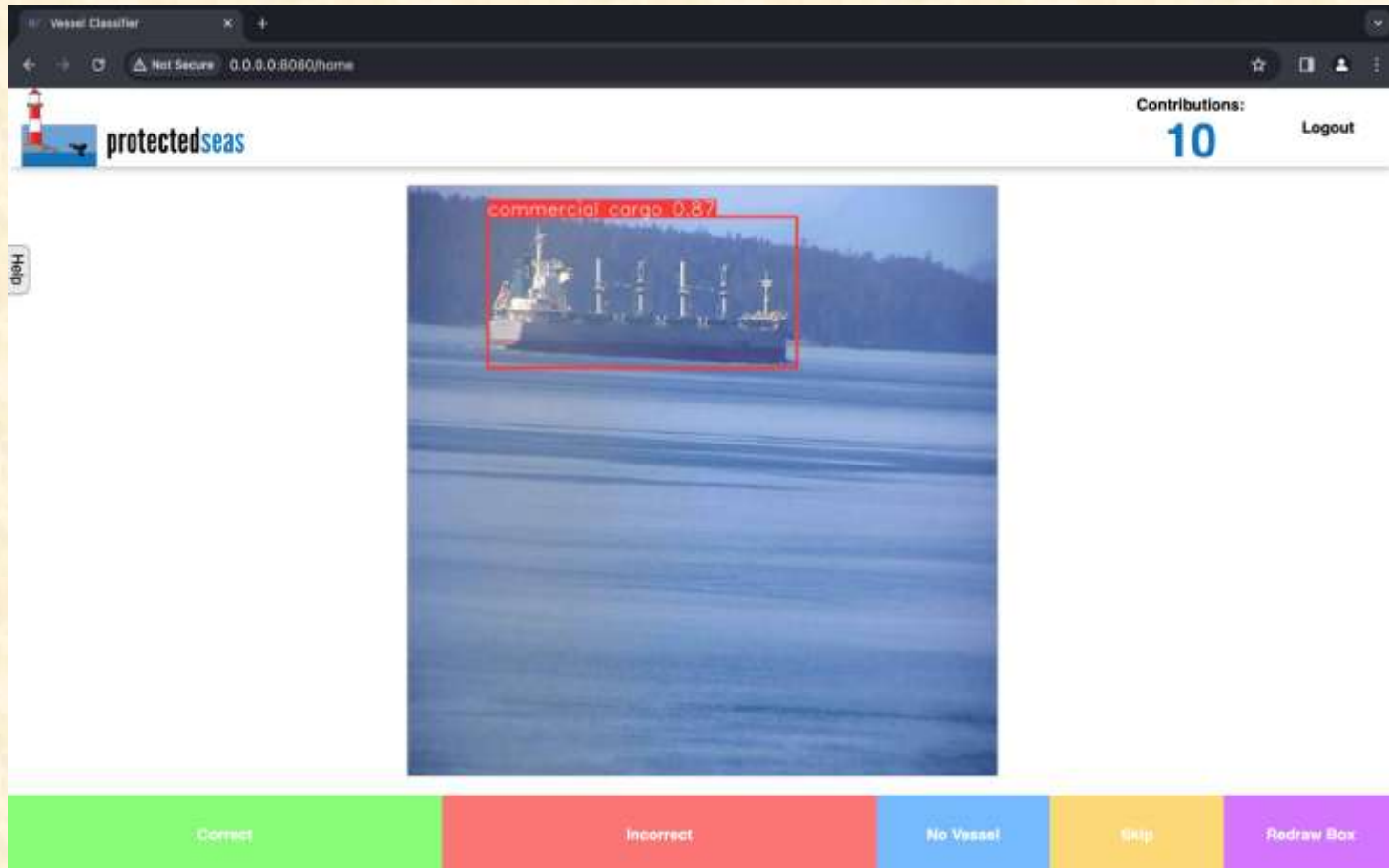- Our project streamlines dataset creation for other ML models

System Architecture
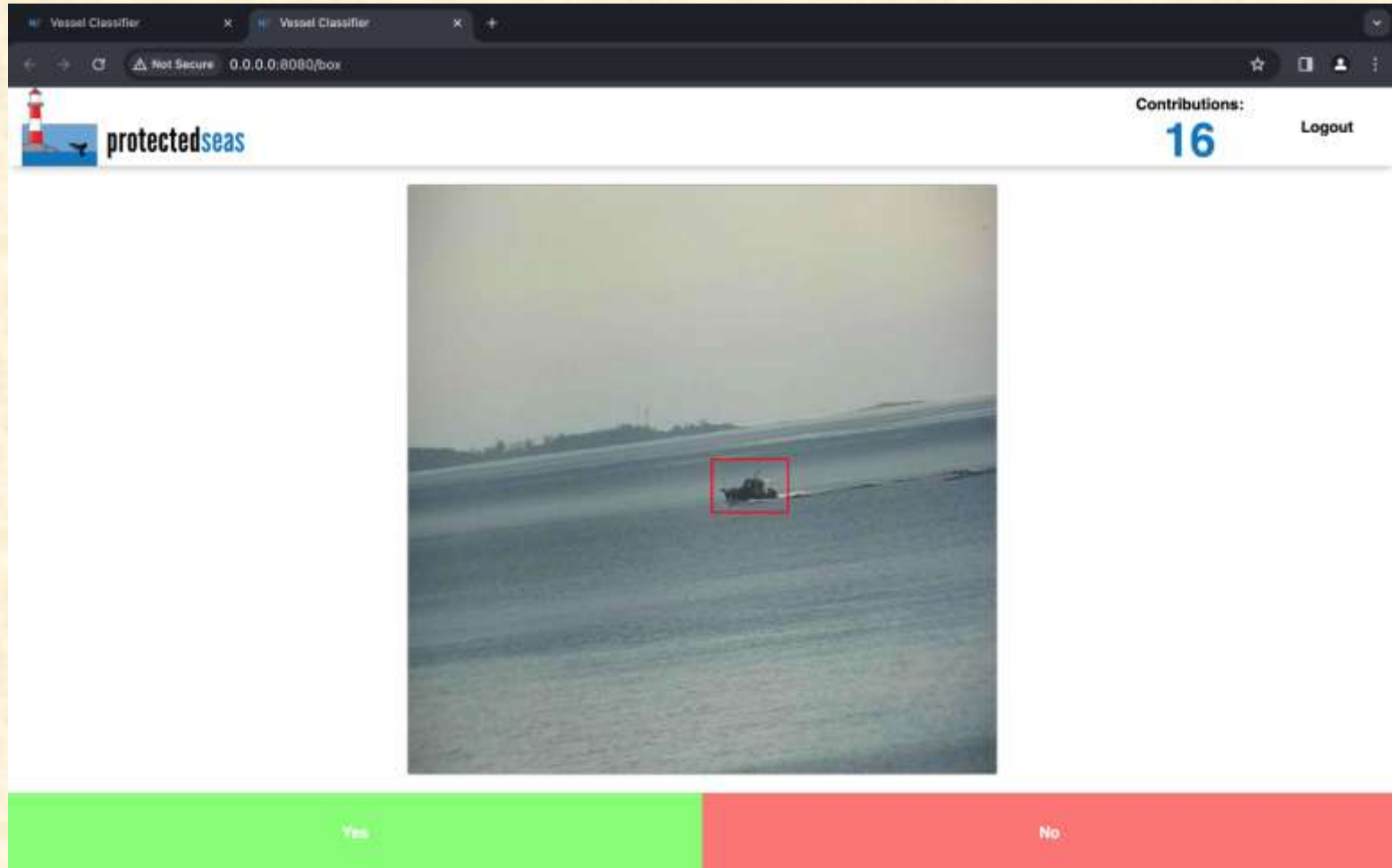
Website Landing Page

Website Home (Classification Page)

Dictionary Tab

Bounding-Box Redrawing Window

What's left to do?

- Stretch Goals
  - Model Statistics page
  - Restyle dictionary
  - Implement Leaderboard
  - FAQ page
- Other Tasks
  - Package and document code for sponsors
  - Tweak and improve UI

Questions?