

# AI for Oceans

## System and Unit Test Report

OceanAI website

11/30/21

System Test scenarios (25 points per sprint – total 75 points): You have identified user stories (that map to user requirements/functionality for your system) completed for each sprint (in that sprint's report). You will be using scenario-based testing. Scenario based testing focuses on how the user uses the system and allows for multiple user roles as well as multiple functions provided for each user role. For each sprint, list the user story or stories and the scenario or scenarios that show 'coverage' of those user stories. A scenario is a list of system level actions (including precise input and output) a user would follow to determine that each user story has been completed.

Sprint 1:

N/A

Sprint 2:

- As an Ocean Scientist, I want to be able to easily navigate the website
  - Appbar has website title
  - Appbar has working navigation
  - Footer has sections to display related information
- As an Ocean Scientist, I want a place to display the unique voices and work within my lab
  - /voices page exists
  - Click voices in navbar
  - Voices page contains:
    - Upper section describing lab's voice
    - Column for lab participants to write more unique bios with a picture
    - Column for article summaries and links to full article
- As an Ocean Scientist, I want to display my lab's mission statement on our website
  - /mission page exists
  - Click mission in navbar
  - Mission page contains:
    - Contains mission statement
    - Mission explanation
    - Funding information

Sprint 3:

- As an ocean scientist, I want to credit my team on my lab website
  - /people page exists
  - Click people in navbar
  - People page contains:
    - List of people where each element contains a bio and image
    - Separated between Project participants and project mentors
- As an ocean scientist, I want to view all datasets available to me
  - /datasets page exists

- Click Datasets in navbar
- Dataset page contains:
  - List of datasets with buttons to download and view source
  - Clicking on the dataset leads to page with more information

#### Sprint 4:

- As an ocean scientist, I want to view an individual dataset with its details
  - Clicking on a dataset brings to a unique page with more details
  - Dataset link is a readable text slug not just identifier
  - Buttons to download dataset and view source
- As an administrator, I want to post new datasets to the website
  - Using postman, data can be pushed to the database and is displayed on the website
- As an ocean scientist interested in ML, I want my lab's website to have a great modern design
  - Headings legible and in a black font
  - Design of each page has gained client approval
  - Pages are responsive for easy mobile viewing