

Release Plan

SOS (Save Our Species)

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Team name: MarineVP

Release Name: Mango

Product Name: SOS (Save Our Species)

High-level goals:

Our main goal is to help local marine organizations that respond to stranded, distressed, or out-of-place animals update their response efforts. Currently, these organizations function by maintaining a hotline that can be called to report one of these instances. We think this system is outdated. We would like to create an app that can record a text description, exact GPS location, and photo quickly and make it available to these organizations so that they might respond faster and more prepared.

If we have time, there are additional features we would like to append to our basic app design. We would also like to incorporate some data visualization and prediction so we can see trends in these kinds of events. Additionally, we would like to add an intelligence feature where the app knows if an animal had already been reported and people can append to the original report.

User stories for release:

Sprint 1:

(13) As a marine organization, I want people to be able to report a marine mammal stranding to us so that we can respond faster and be more prepared.

(8) As a user, I want an intuitive tool to be able to report when I find a marine mammal stranding so that I can report these incidents more conveniently.

Sprint 2:

(13) As a marine organization, I want more details than we can currently have such as pictures of the animal, the GPS location, description/answers to particular questions to choose, and a timestamp.

(5) As a user, I want to be able to provide accurate information utilizing the tools on my phone such as GPS and camera so that I can provide a detailed report of the incident.

Sprint 3:

(21) As a marine organization, I want to be able to use this information in a way to increase documentation and knowledge of these incidents.

(21) As a user, I want to be able to view how my report is added to the database so that I can see my contribution to the knowledge of local marine life.

### Product Backlog:

The most important goal we would ideally like to incorporate that is out of the scope of this class would be to allow marine-life organizations to receive real-time notifications of user reporting. A feature that would make it easier for these organizations that may be a bit ambitious is to have a feature that performs duplication checking. By this, we mean that reportings that are reporting within a close enough geographical space and time will be recognized as potentially being multiple users reporting the same event. The app, recognizing this, will then ask the latter user if their reporting is a duplicate. If it is, the user will have the option to report updates on the existing event. Another feature we will likely not have time for is a search feature, which after our database of reportings is created, users would be able to narrow and view this database based off of an inputted radius and length of time.