### **Sprint 3 Plan**

Product name: SOS (Save Our Species)

Team name: MarineVP

**Sprint completion date:** 11/3-11/17

#### Goal:

The goal for this sprint is to have a demoable product that demonstrates the basic functionality of all of our core features. We want to incorporate better engineering practices to aid our Agile process, mainly a continuous integration server and some basic unit testing.

#### **User stories:**

## (5) As a marine organization, I want to be able to log in to my personal account to be able to see a list of reports. (User story 1)

- Finish FireBase authentication task.
- Test login system.
- When the client chooses to login, they are routed to FirebaseUI authentication
- Learn how to use Firebase authentication API (FirebaseUI).
- Create a secure login for the client via their Google/Facebook

## (8) As a marine organization, I want to access a list of all current reports that have been made in chronological order. (User story 2)

- Add timestamps to each report when posted.
- Make timestamp appear in report cell in the report table.
- Make posted tasks appear in chronological order using timestamps.

# (13) As a marine organization, I want to view the report in detail after selecting it from the list of reports. (User story 3)

- Design new report view and storyboard.
- Make photo appear
- Make timestamp appear.
- Make location appear.
- Make description appear.

## (8) As a marine organization, I want to view the GPS location of a stranding a part of a report. (User story 4)

- Test current GPS feature and make sure it is functioning (Simulator only allows us to test one location)
- Get latitude and longitude from GPS reporting process and make it available in the finished report.

- This location data should be in a form that easily lets the organization open it in a mapping app (This will just take some research, I am not sure how location has to be presented so that it can be opened in maps).

#### (3) As a user, I want to be able to navigate the application easily. (User story 5)

- Add backward navigation to all pages.

#### (8) As a user, I want to be able to include a photo in my report. (User story 6)

- Implement photo button on report page to allow user to choose a photo from their camera pictures.
- Test that picture appears on screen correctly on several different versions of phones.
- Add photo to report that is sent to FireBase database.
- Make photo appear in report cell in the report table.

## (2) As a user, I want to be able to include a long multiline text description in my report. (User story 7)

- Change current single line text field into a multi-line text field on report page.

#### Team roles:

Scrum masters: Aziz / Natalie Project owner: Ashely Pauley

Developers: Everyone

### Initial task assignment:

Week 1	Week 2	
<ul> <li>Aziz/Natalie: As a marine organization, I want to be able to log in to my personal account to be able to see a list of reports. (User story 1)</li> <li>Harrison/Ashley: As a marine organization, I want to access a list of all current reports that have been made in chronological order. (User story 2)</li> <li>Paul/Maya: As a marine organization, I want to view the report in detail after selecting it from the list of reports. (User story 3)</li> </ul>	<ul> <li>Harrison/Ashley: As a marine organization, I want to view the GPS location of a stranding a part of a report. (User story 4)</li> <li>Aziz/Natalie: As a user, I want to be able to navigate the application easily. (User story 5)</li> <li>Maya/Paul: As a user, I want to be able to include a photo in my report. (User story 6)</li> <li>Harrison/Ashley: As a user, I want to be able to include a long multiline text description in my report. (User story 7)</li> </ul>	

### **Initial burnup chart:**



### **Initial scrum board:**

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