Release Plan: SOS (Seeing Our Species* name could change)
Members: Maya Apotheker, Ashley Pauley, Natalie Wilson, Azizkhuja Asomiddinov, Harrison Fox, Pavel Yakovlev
Team name: Save our Species
Release Name: Guava
Product Name: SOS (Save Our Species)

High-level goals

Our main goal is to help the UCSC Long and Marine Stranding Program by creating a tool to help them visualize their stranding calls of previous stranded, distressed, or out-of-place animals. Currently, the organization maintains an Excel sheet of all their strandings as well as paper copies of reports. We think this system is outdated. We would like to create a web app that can visualize their data so that they can more easily analyze previous stranding reports and potentially figure out trends so that they can be more prepared to respond to future calls.

User stories for release:

Sprint 1:
(13) As a UCSC Long Marine Program Stranding Technician, I want to be able to have a webapp too more easily understand where animals have stranded
(8) As a UCSC Long Marine Program Stranding Technician, I want to be able to have the webapp look nice and intuitive for ease of access

Sprint 2:
(8) As a UCSC Long Marine Program Stranding Technician, I want to see marine mammal strandings of Santa Cruz County as points on a map
(13) As a UCSC Long Marine Program Stranding Technician I want to be able to filter the data on the map by year, species, age, and sex.

Sprint 3:
(21) As a UCSC Long Marine Program Stranding Technician I want to be able to see populated data on the map with a heatmap so I can know where higher concentrations of strandings are
(13) As a UCSC Long Marine Program Stranding Technician I want to be able to see specific stranding details (i.e what type of animal, if it had twine, what time it stranded) when I click on a data point

Product Backlog:
If we have time we like to implement another form of creative data visualization, depending on what the UCSC Long and Marine Stranding Program is interested in and what we discover in our research.