

RESCUE HEROES

Marine Mammal Rescue

5.6.16

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YOUNGERS

THE NEED

51,650

Marine Mammals stranded in all of United States
from 2001 to 2009

26,900

Mammals stranded on California
coast

120

Organizations trained to respond to
marine mammal rescue requests



PROBLEMS

RESCUERS CAN'T FIND ANIMAL LOCATIONS



RESCUERS DON'T ARRIVE IN TIME



PASSERBYS DON'T KNOW WHO TO CONTACT



RESCUE HEROES

RESCUE HEROES IS A WEB APPLICATION AND IPHONE APP THAT CONNECTS STRANDED MARINE ANIMALS WITH NEARBY PROFESSIONAL RESCUERS THROUGH TWO EASY STEPS:

1. BEACH PASSERBY SENDS PHOTO OF STRANDED ANIMAL THROUGH WEB APPLICATION.
2. NEARBY RESCUER RECEIVES NOTICE OF ANIMAL AND CORRESPONDING LOCATION THROUGH IPHONE APPLICATION.



MOTIVATION

32

REHABILITATION FACILITIES ACROSS THE COUNTRY

???

AUTOMATICALLY REPORTS ANIMAL TO PROPER FACILITY

TIME = LIFE

FASTER AUTHORITY ARRIVE, MORE LIKELY ANIMAL IS TO SURVIVE

BENEFITS



EASY TO USE

NOTHING ELSE EXISTS

CONTACT PROPER AUTHORITIES



DEMO TIME!



WHAT WORKED

iOS APP



CONNECTION TO SERVER

**TABLE VIEW WITH
INFORMATION & IMAGE OF
ANIMAL**

PULL TO REFRESH

WEB APP



FORM VALIDATION

STYLING

**INPUT REPORT OF ANIMAL TO
SERVER**

IMAGE UPLOAD

LOCATION OF ANIMAL

SERVER



USER AUTHENTICATION

**REPORT INFORMATION
STORAGE**

**SAVING AND DISPLAYING
FILES**

IMAGE STORAGE



DESIGN CHOICES

SERVER

AMAZON WEB SERVICE

NODE JS

MYSQL



iOS APPLICATION

SWIFT

GOOGLE MAPS SDK

WEB APPLICATION

HTML

CSS
(BOOTSTRAP)

ANGULAR JS



FUTURE DEVELOPMENT

iOS APP



GOOGLE MAPS API
INTEGRATION

LOGIN AUTHENTICATION

STYLING

WEB APP



GOOGLE MAPS API
INTEGRATION

ADMIN PANEL

FINALIZED UI

DONATION LINKS

SERVER



ADMIN PANEL SUPPORT

LOCATION-DEPENDENT
NOTIFICATION



RESCUE HEROES

