# <BUOY Buddy> <Luca Spinazzola>

## App definition statement

The purpose of the application is to allow a wave riders to quickly look up current wave and wind conditions, so they can make the decision on where they should go surf. It will provide a view with detailed buoy data for all buoys and a sideshow of near-shore forecasts models for the coastline closest to the buoy. Last of all, it includes a map view that allows users to view basic buoy data in a region overlaid on the map.

## Core features list

* List displaying all US buoys
  + ability to favorite/bookmark a buoy
* List Displaying User Defined Buoys w/ basic data shown
* Detailed buoy data is shown when ever clicked on
  + Includes closest near-shore forecast model sideshow from surfline.

## User Profile

* Age range: 15-35
* Interests: Surfing, Fishermen, Sailors
* Gender: Male or Female
* Geographic Location: US Populations Bordering Oceans

## Competitor Research

Apps currently support looking up all US buoys and displaying their data. However their interface is not very attractive, and they do not include features like near-shore forecasts for the close future. Additionally they are not targeted toward wave riders.

## Other supported features

* Quick Links to surf spot forecasts near buoy
* Display predicted tide the day where each buoy is located.
* Ability to tweet local wave conditions

Wireframe:

https://gomockingbird.com/mockingbird/#8m1bdfm