Lightning Web Components Superbadge

# Business Requirements

# Technical Requirements

## Custom Objects

* Boat
* Boat Type
* Boat Review

## Lightning App Pages

Friend Ships – App page with banner at the top, Find A Boat component at the top left, Gallery component under that on the left, Boat Details component on the top right, Boat Location component on the lower right.

## Lightning Web Components

Find A Boat – select Boat Type, New Boat button

Gallery – three tabs: Gallery, Boat Editor, Boats Near Me

Gallery: Gallery – Shows a boatInfoMap for each of the boats near me

Gallery: Boat Editor – a Lightning data tables to edit multiple boats at once, the ones specified by the Find A Boat component.

Gallery: Boats Near Me – a Map showing the top 10 Boats Near Me with the boats being selectable.

Boat Details – has three tabs: Details, Reviews, Add Review

Boat Details: Details – Shows information about the selected boat.

Boat Details: Reviews – Shows the Boat Reviews for the selected boat.

Boat Details: Add Review – UI to add a Boat Review for the selected boat.

Boat Location – map of the location of the selected Boat

Import subscribe from ‘lightning/messageService’;

this.subscription = subscribe(

this.messageContext,

recordSelectedMessageChannel,

(message) => this.handleMessage(message),

{ scope: APPLICATION\_SCOPE }

);

unsubscribe(this.subscription);

You want to subscribe to the message channel in connectedCallback and you want to unsubscribe from the message channel in the disconnectedCallback function.