Requirements

View Points: Docks, Electric, Trailer, Office, Storefront, Land

MAP SCREEN

CUSTOMER LIST  
SEARCH/ IDENTIFY FUNCTION

SAVE/RECALL

START NEW YEAR BASED ON PREVIOUS

DISTRIBUTED INFO ACROSS 2 SYSTEMS

## **BE1** West Shore starts a new summer season

The user starts up the application. They are brought to a ***menu*** where they choose to start a new ***season***.

### Storage Space:

#### S.1.1

The storage spaces are in the same or similar configuration as they were last year. The user selects that they wish to start a new season based upon a previous year from the main menu. They are brought to the map screen- the docks are configured in the same way they were during the last saved season.

The user is then brought to the customer list. The user selects returning storage items on the list by tapping them. Once they are finished selecting returning items, the user presses a button. The user is then brought back to the map screen- all the selected storage items are placed into the same spots they were last year.

#### S.1.2

The storage spaces are in a different configuration this season. The user selects that they don’t wish to base this new season on the previous one. The user is then brought to an empty map screen. They tap on the screen to add storage areas (Docks, fingers, land storage areas) Once they are finished constructing, they press a button to stop.

They are then brought to the customer list and are asked to select returning storage items. They select if they want the storage items to automatically be allocated into the map or if they wish to do it manually.

If the user selects that they wish to allocate storage items manually, they place storage items one by one into the map until all are allocated.

### Office/Storefront:

#### O.1.1

There are customers from previous seasons that have not been billed for West Shore’s storage services. When the user selects a new season- they are notified there are customers that have not had bills made for them yet. They are shown the list of customers. The user can indicated that they are cleared by selecting them or they can hit an “ignore” button. When the user views these customers from the customer list- they will be able to see that the customer has bills from last year that were not made on a storage item/storage items.

### Electric:

N/A

## BE2 A customer wishes to store their boat at the marina

### Storage Space:

#### D.2.1

The customer wishes to store a boat in a land space. The user goes to the map screen and selects a storage area on land (ex. The sheds, the parking lot, the back field, the hill, etc.) The user then enters the customer’s name.

A representation of the boat appears in the storage area on the map screen. A dialogue appears asking if there is a trailer being stored as well. If the user selects yes, they will be asked for a trailer license plate. The user can choose to enter it now or later. A visual representation of a trailer will appear in the same space as the boat if it is stored. If not, only the representation of the boat will appear.

#### D.2.2

The customer wishes to store a boat in a slip. The user goes to the map screen. From here, they may either search for an available slip based on search criteria(BE or simply select an available slip.

The user selects any empty slip- the user then enters a customer’s name. A visual representation of a boat is shown in the slip space on the map screen. The user is then asked if there is a trailer to be stored for the boat. If they select yes, they are asked for a license plate. The user can enter this in later if they choose. The user then selects a storage area ON LAND to put the trailer. A visual representation of a trailer is shown afterwards.

### Office/Storefront:

O.1.1

A west shore employee wishes to show the customer their options. The user clicks on the search button or searches with the customer’s criteria for a storage area.

### Electric:

E.2.1

A customer wishes to store in a space with hydro. The user can search for available slips that are near hydro spaces by clicking a search button and indicating they wish to locate spots near hydro boxes.

## BE3 A customer wishes to take their boat from the marina.

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

## BE4 A customer wishes to reserve a slip at the marina.

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

## BE5 West Shore’s season ends

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

Office:

The user goes to the main menu and opts to “End current season”

A report is produced showing the list of customers that stayed at the marina.

All the data on boats and customer data is saved to be recalled later.

## BE6 West Shore wishes to bill customers for outstanding amounts owing on slip fees

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

The user goes to the customer list. They can see all current customers for this season in the list. The user selects to see what customers have amounts owing

## BE7 A customer wishes to hook their boat up to a hydro box

The user clicks on a boat. A menu pops up. The user indicates they wish to hook up to a hydro box. All hydroboxes with available connections light up. The user taps on an available hydro box and a connection is shown from the boat to the hydro box.

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

## BE8: A customer wishes to hook up their boat to a different hydro box

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

## BE10: A boat needs to move from one storage space to another

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

## BE11: A trailer needs to move from one storage space to another

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

## BE11: West Shore staff wishes to locate a boat

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

## BE: West Shore staff wishes to locate a trailer

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

## BE West Shore staff wishes to identify a boat

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

## BE West Shore staff wishes to identify a trailer

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

## BE12: A customer buys a new trailer

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

## BE13: A customer sells their trailer

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer:

## BE14: A customer sells their boat

### Docks:

### Land:

### Office/Storefront:

### Electric:

### Trailer: