

# Crab Shack App



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# Background

## Notes from Nature

- Citizen science site that is providing our data
- Four independent records that must be merged
- A number of fields and images for each Crab specimen

## Our App

- Pilot project for our scientist
- Speed and efficiency is key

# Users and Environment

## Users:

- Crab Shack Scientists (Professor Dean)
- Professional collections employees
- NfN(Notes for Nature) teams

## Environment:

- Access the application through web browser
- Log in
  - Search for specimens
  - Browse and edit the completed records
  - Continue cataloging specimens

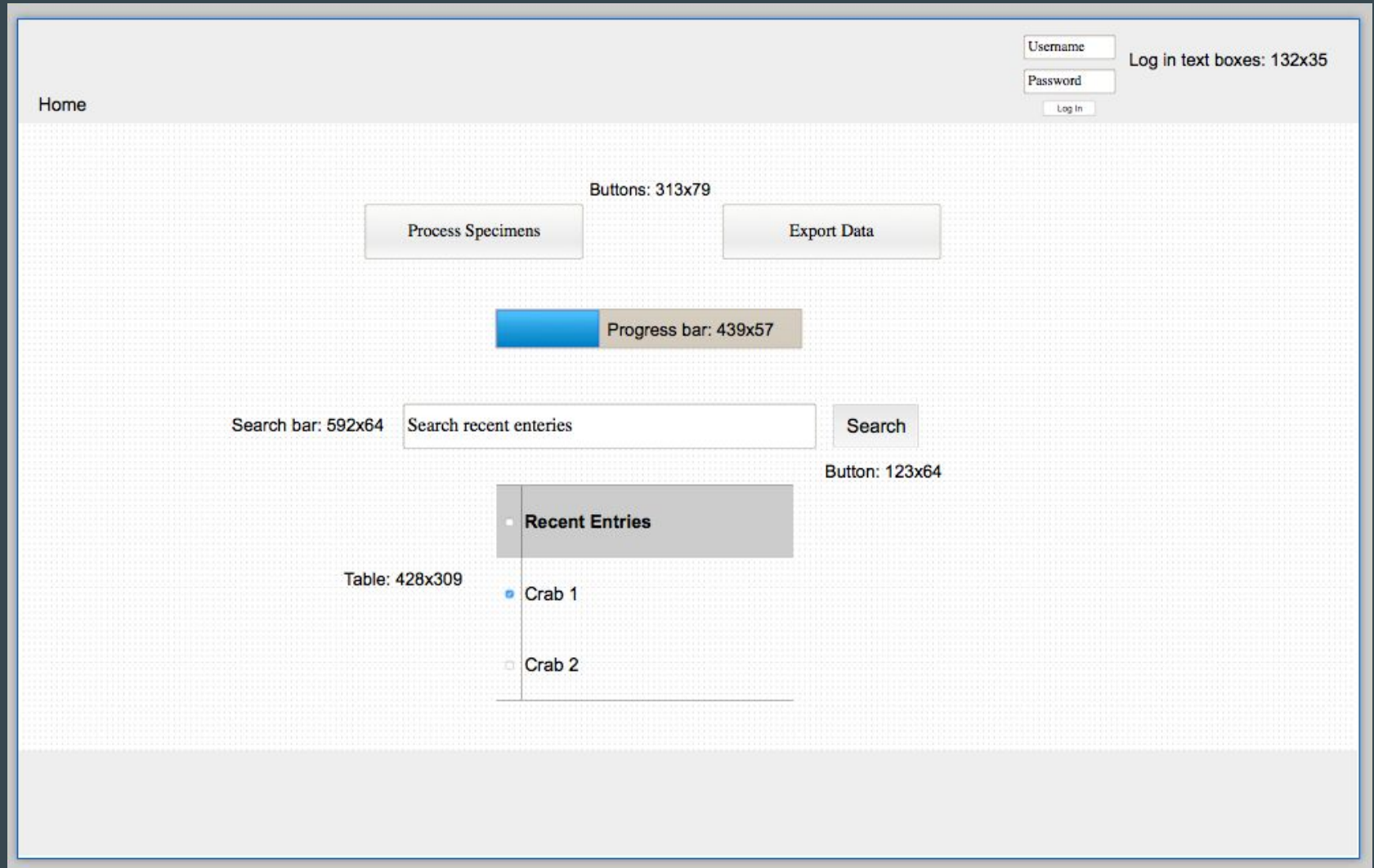
# Cataloging Specimen Scenario

# Scenario Description

## Scenario 1 Nominal Task

- Professor Plankton is in his office at the end of the day
- His bus leaves in 20 minutes and he spends his free time filling crab specimens
- He is tired from a long day's work, and wants to end his day with accomplishment
- However, if he keeps working he will miss the bus, so he turns everything off and leaves
- The application will continuously update the record in memory until the save button is clicked
- Thanks to that, the next day, when he gets back to work, he is able to continue to where he left off

# Paper Prototype



# Paper Prototype

Home > Specimen Identifier > Crab

Text: #000000

<header>

<h3> Specimen Label

Trim: #41FF2B #FF0800 #EB771E

Background: #58000E

<div>

<img>: 537x704

<selected img thumbnail>



Picture thumbnails: 78x74

<div>

Buttons 91x39

Edit: 35x24

Location:

Space inbetween: 21x37

Identifier Name:

Latitude:

Longitude:

Scientific Name:

SN Buttons 217x43

Continue

Header and footer: 1930x150

<footer>

```
body {  
  font-family: "Trebuchet MS", Helvetica, sans-serif  
}
```

# **Incorrect Data Entry Scenario**

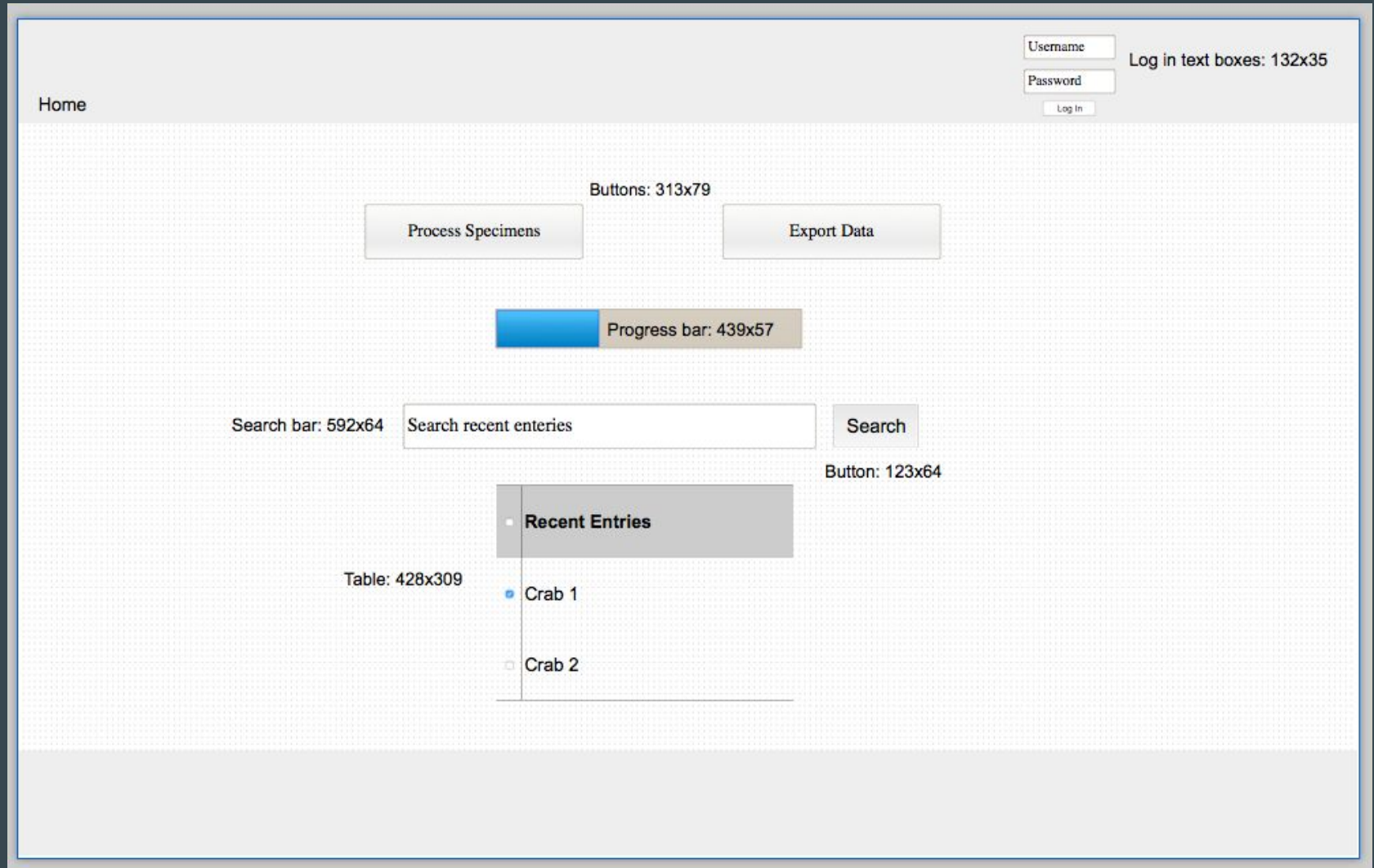


# Scenario Description

## Scenario 2 Error Handling

- Professor Plankton is again in his office at the end of the day
- He is really tired and he just wants to finish and go home
- He rushes through the last specimen without double checking the selections
- He realizes the day after that he made a mistake
- Fortunately there is an easy edit button which lets him change the saved data and update it

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# Usability Concerns

- Mobile vs. desktop
- Multiple users at the same time

# Questions

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