

## **Meta Architecture:**

Display page

Connects through html/balsamiq linked to node.js

Database

Standard sql implementation using xxxDB (forget mongo or maria)

API

Called through standard function list (TBI from jeremy)

## **Login Page**

Meta: Login form used to allow for user validation

Fork for admin/standard user

### **Title**

Simple display implementation

HTML/Balsamiq

### **Username Field**

Stored in DB

Validation algorithm (timely <4 seconds)

Possible autocomplete?

### **Password Field**

Stored in DB

Validation algorithm (timely <4 seconds)

### **Login**

Button to submit login form

### **Register**

Pull up separate register form (to be made)

TENTATIVE:

Username field input

Password field input

Password field reinput

Accept button

## **Main Page**

### **User Pic**

Simple display of picture (Alima can choose resolution/size to mirror design taste)

### **Settings**

Change Username

New Username input field

Change Password

New Password input field

Change Propic

Upload New (file upload basic picture files jpg png etc)

## **Help**

- General FAQ
  - General documentation and questions
- Troubleshooting
  - Frequent errors/note bugs
- Contact Us
  - Expanse contact info
- Accessibility
  - Accessibility instructions

## **Logout**

- Button to log user out
- Requires session connection

## **Title**

- Simple html/balsamiq display

## **Search Bar**

- Bar
  - Object with data entry
  - Search pulls requests based on nearest choice - levenshtein dist?
  - DB connection to populate choices
- Search Button
  - Button object to submit search
  - Press to populate the weekly/daily displays, using the current value
- Add Button
  - Button object to add to favourites
  - Adds current choice to favourite
  - DB connection needed to store in favourites

## **Favourites**

- Js objects
- Populated based on 'add button' from above UI
- Stored in DB
- Grabbed from favourites designation

## **Weekly Display**

- Requires DB connection
- Populates in <4 seconds
- Pulls data from API using getSuite (catch all term I use for simple display 'get'

functions)

- Simple summary of weather points - Temp(hi/lo)/type/pres/wind/rain/etc

Utilizing getSuite from API

### **Daily Display**

Meta: Requires DB connection to pull data

Icon

Image file

Utilize sun/partly/cloud/rain/snow/storm etc to scale a predetermined pic that goes with each

Populated based on selected city

Location

getLocation display

Day

getDay display

Date

getDate display

Temp

getTemp display

Swap Button

Button to swap f to celsius on click

Description

Algorithmically generated based on earlier getSuite return

MISSING:

REGISTER PAGE MOCKUP

ADMIN CONTROLS MOCKUP