

Specification, Prototype, & Design

Dan Rix | CS 371

Executive Summary

The Caena[®] meal planning web app enables users to be quick and creative in their meal planning. With a few clicks, recipes found on the internet can be automatically saved with their ingredients data and can be added to the system's meal calendar.

Persona

Jackie is a 35 year old stay at home mom who loathes monthly meal planning because she lacks the time and effort it takes to find new meals to put on her monthly meal calendar. She usually pencils into her calendar the default go-to meals her family has every month wishing she could easily find and add creative new meals to the calendar.

Scenario

Through her Chrome browser, Jackie opens the Caena web app which shows this month's meal calendar. With a few clicks she copies the calendar to next month. To change things up, she surfs the internet until she finds a few recipes she likes. With another few clicks those meals are saved to Caena[®] and can be added to the plan. She replaces some meals on the calendar with the ones she just saved and she's done! She has a great looking calendar with some new meals she thinks her family will love.

Evaluation Criteria

Priority 1: Jackie needs to be able to fill out her monthly meal plan while searching for new meals in an hour (Efficiency).

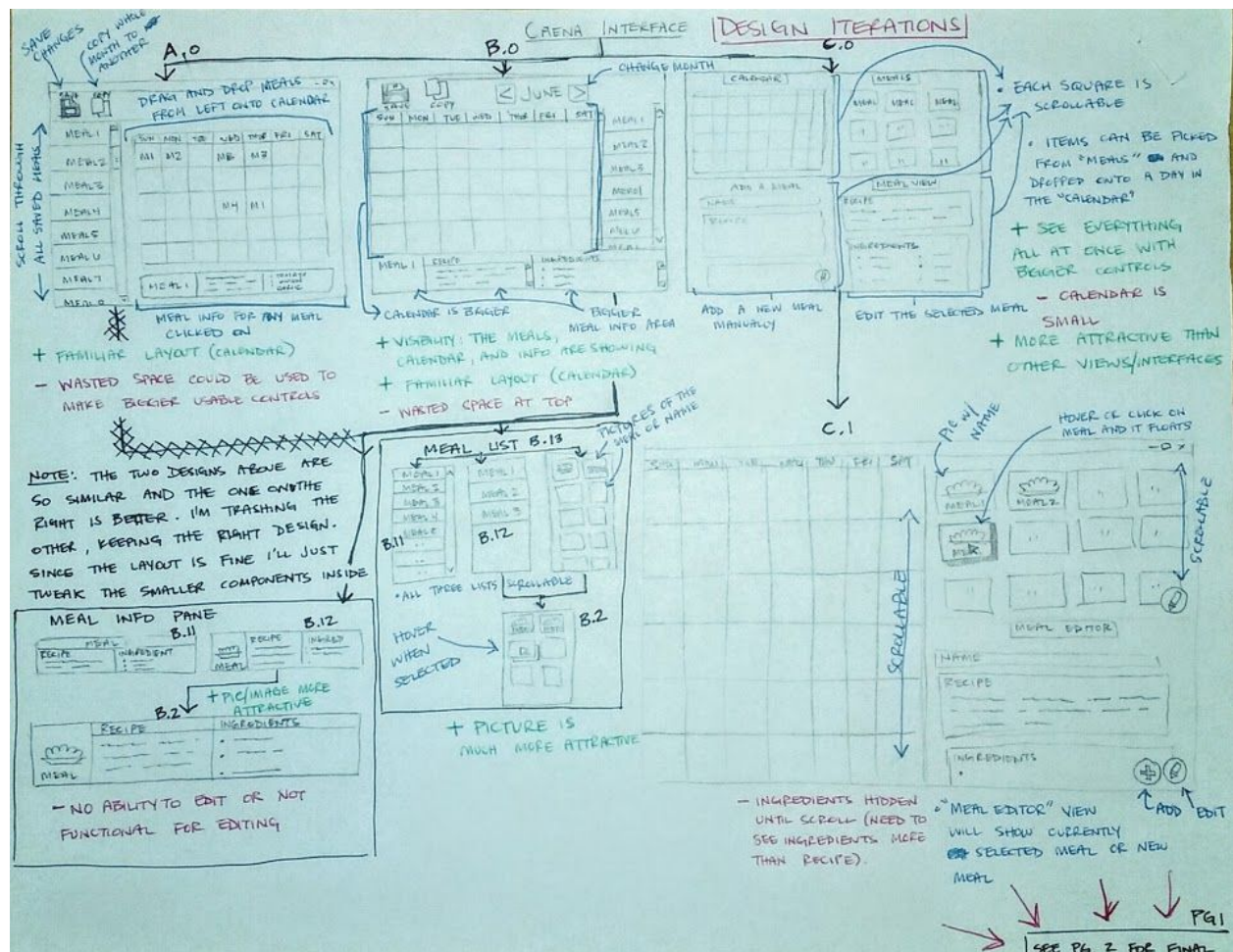
Priority 1: Jackie needs a way to explore and save new meal ideas (Motivation).

Priority 1: Jackie needs to be able to view the entire month's meals (Visibility).

Priority 1: Jackie needs to see saved meal information: meal name, ingredients, and recipe (Visibility).

Priority 2: Jackie should be familiar enough with the meal planning interface to be able to navigate through, add/remove items, and see meal data (Familiarity & Learnability).

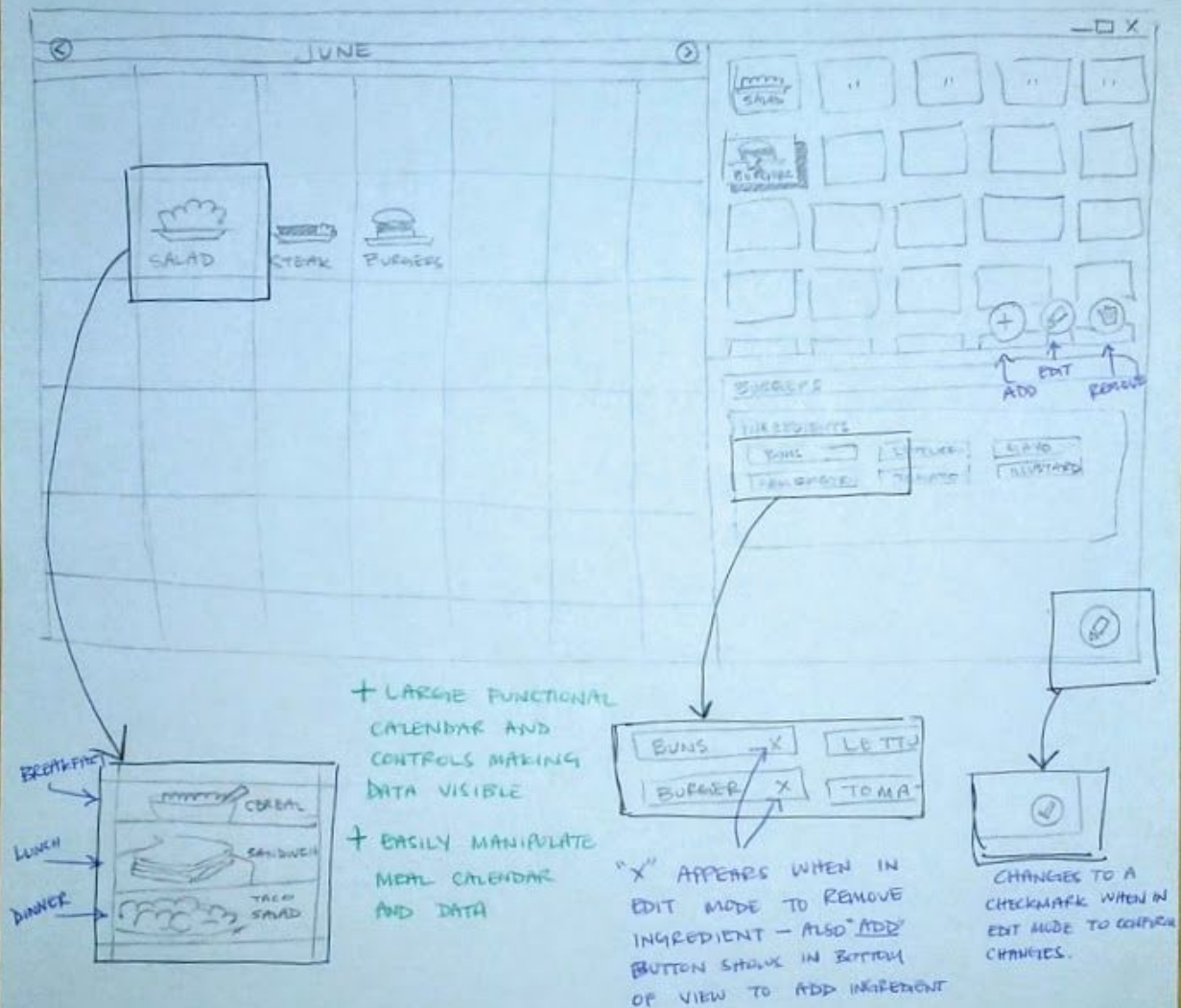
Priority 3: Jackie would like a more appealing interface to make this mundane process more fun (Motivation).



NOTE: "C.1" WAS THE BETTER INTERFACE OF THE THREE BECAUSE IT SOLVES THE PRIORITIES FOR VISIBILITY AND MOTIVATION. IT WAS SIMPLY MORE ATTRACTIVE AND FUNCTIONAL. HOWEVER THE CALENDAR NEEDS MORE SCREEN REAL ESTATE!



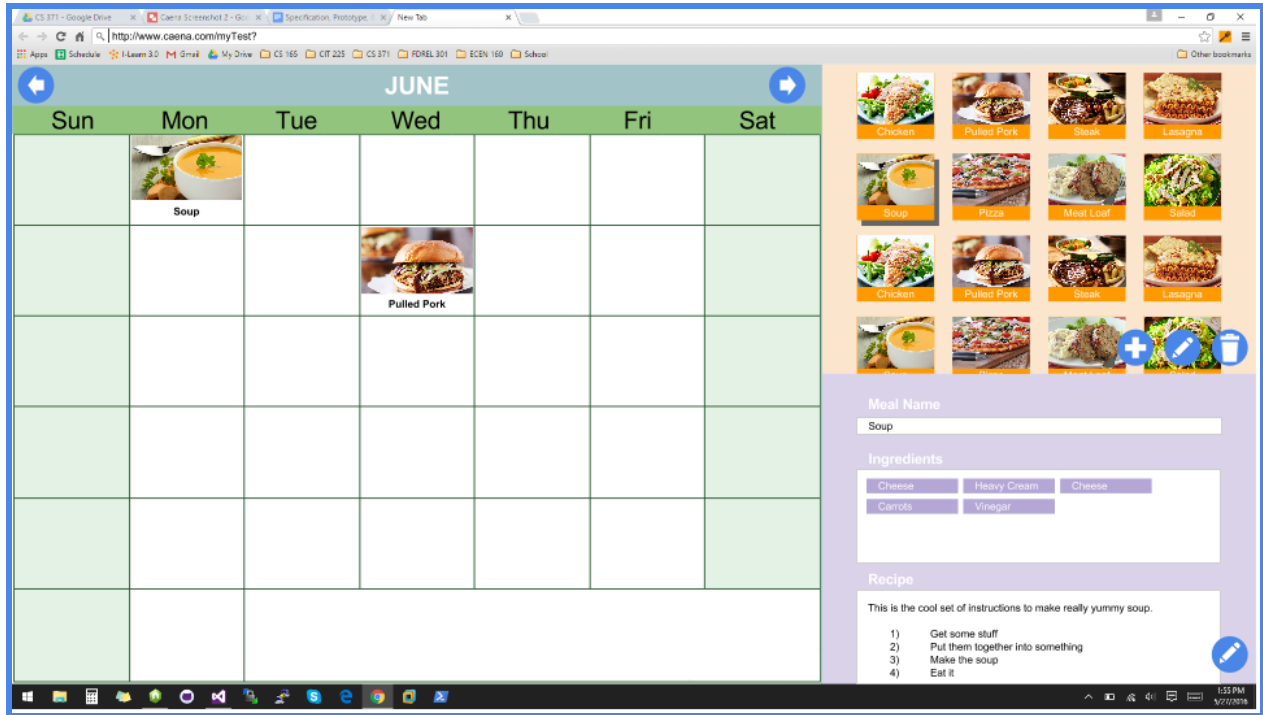
FINAL DRAFT



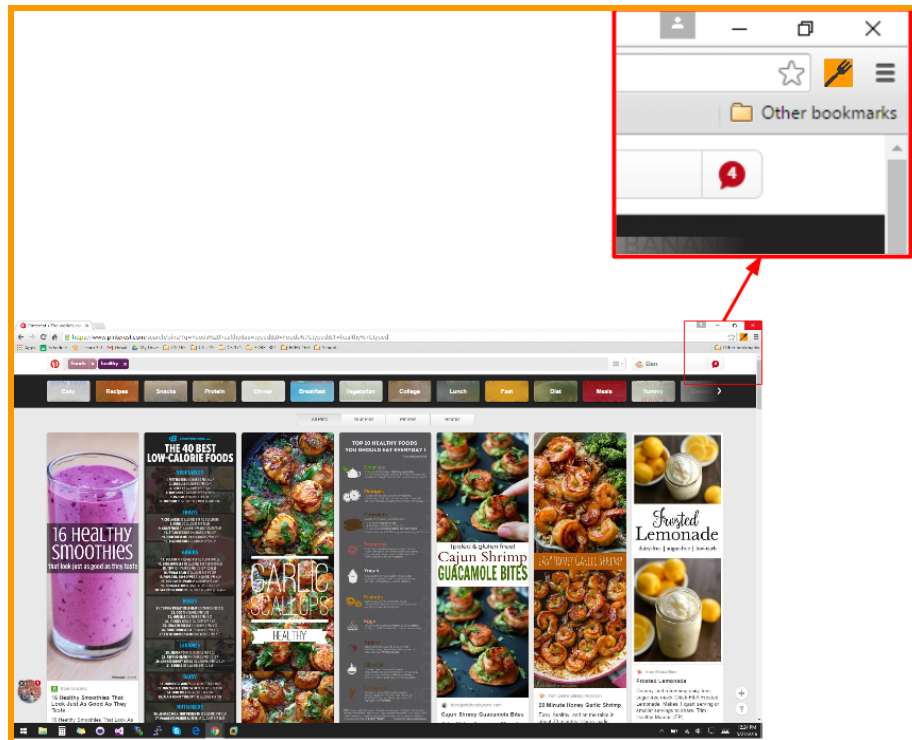
PG 2

Prototype

Caena application interface:

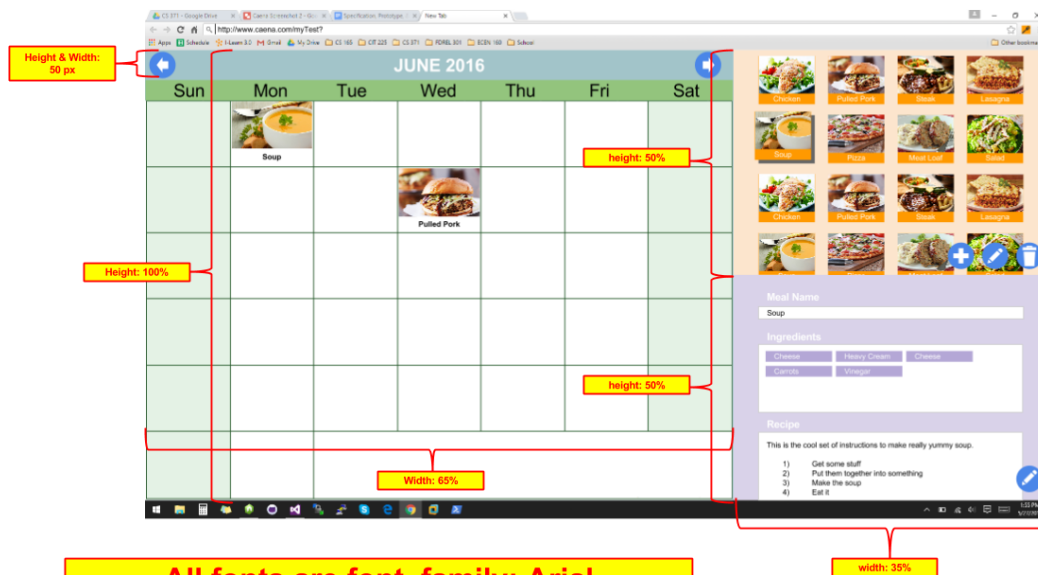


Caena web browser extension:



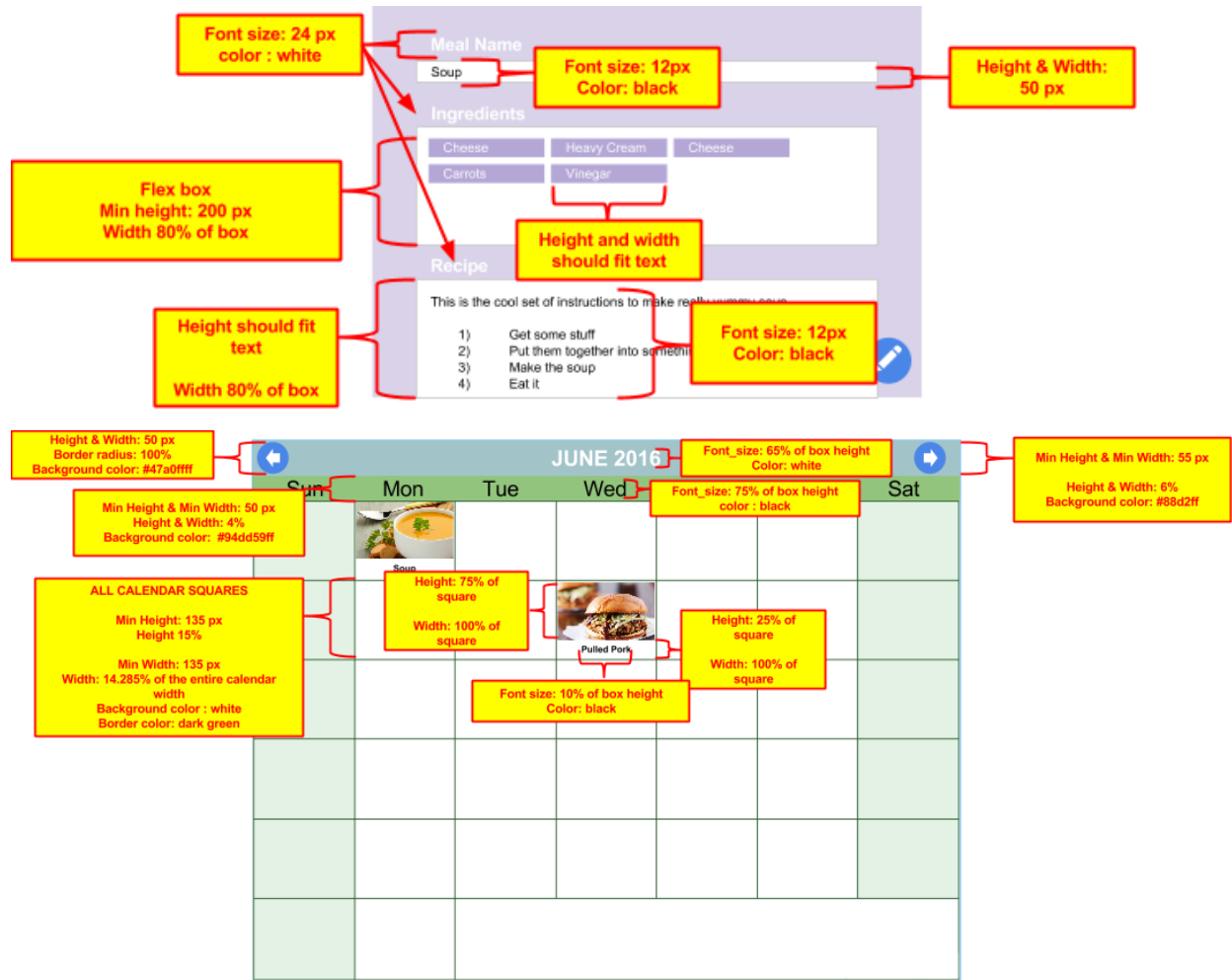
Detailed Design

Layout measurements:






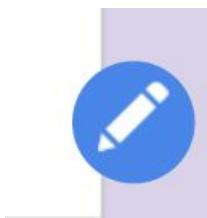
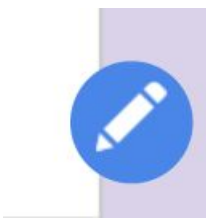
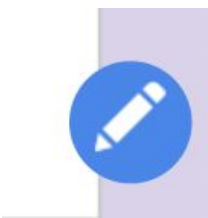

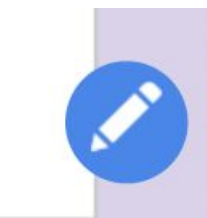


All fonts are font_family: Arial
All circle buttons have same properties





Buttons:

Button	Hover	Selected	Edit mode	Non edit mode
				
				

Cheese	Cheese	Cheese	Cheese x	Cheese
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Grading Rubri