

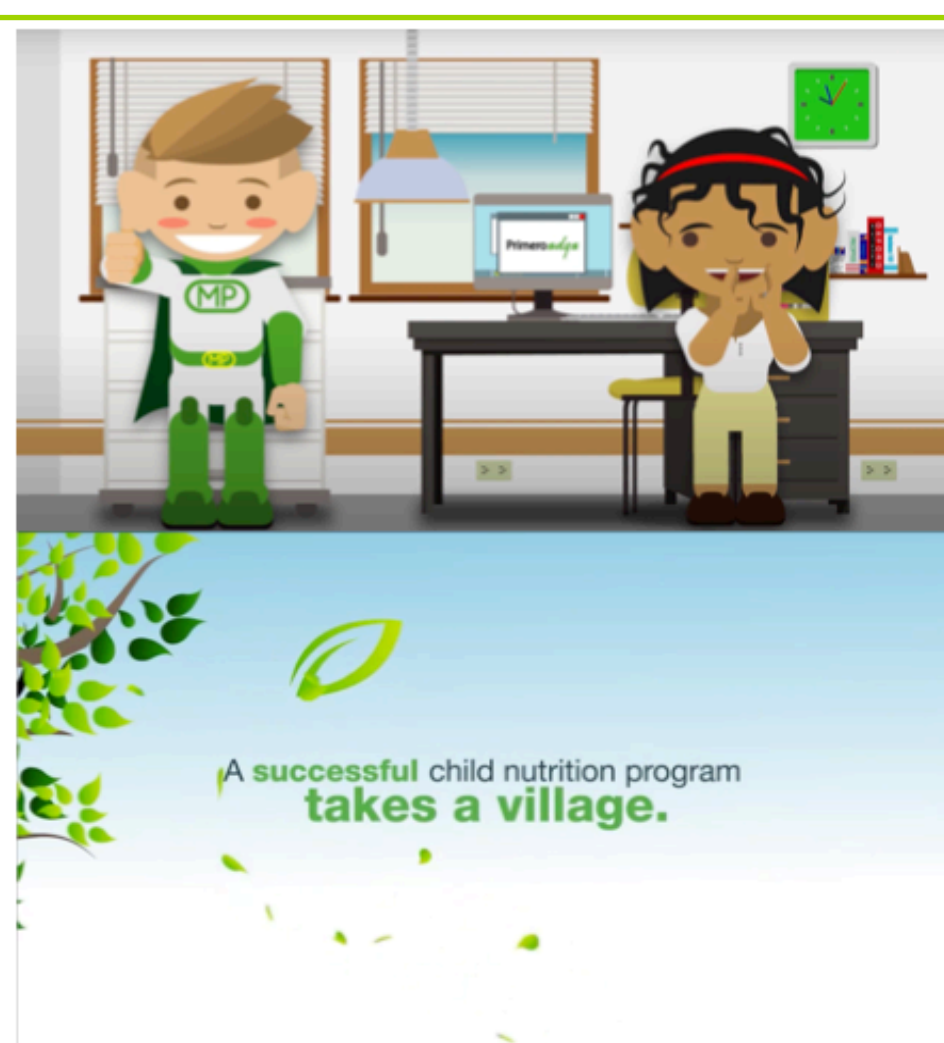
Project -1 Legacy to Web Modernization

PROJECT

Primero Edge is a leading provider of software solutions to Child Nutrition Departments in K-12 school districts and State Agencies across the nation.

EXECUTIVE INTENT

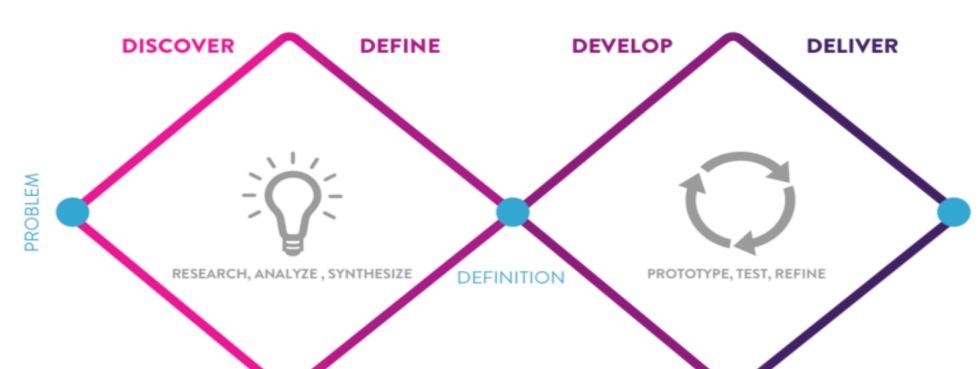
- Re- Imagining the classic software with 2.0
- Latest Technology Stacks using React, AI, Machine Learning etc..
- Acquire more customer base in 2022
- Self serviced application
- Reduce Training & customer support calls
- Reduce Data Migration



MY ROLE

User Experience Architect, responsible for the 2.0 design from inception till delivery.

DOUBLE DIAMOND DESIGN PROCESS



CRITICAL SUCCESS FACTORS

- Improve usability
- Reduce data entry
- Simplifying workflow & navigation system
- Reduce 50% training and support
- Reduce data migration time and effort for the new customers

USER PAIN POINTS

- Data migration takes 8 weeks
- Too much of data entry & errors especially while adding nutrient values & Allergen values
- Navigate to multiple products to complete menu planning
- Too many Tabs and too many clicks
- No proper search results
- Too much Popups
- Mandatory training requirements
- Lots of duplicate Items created and unable to manage the garbage on **Menu Planning**
- Too many complicated user roles and policies Unable to access mobile devices

UPDATED PROFILE & PERSONA

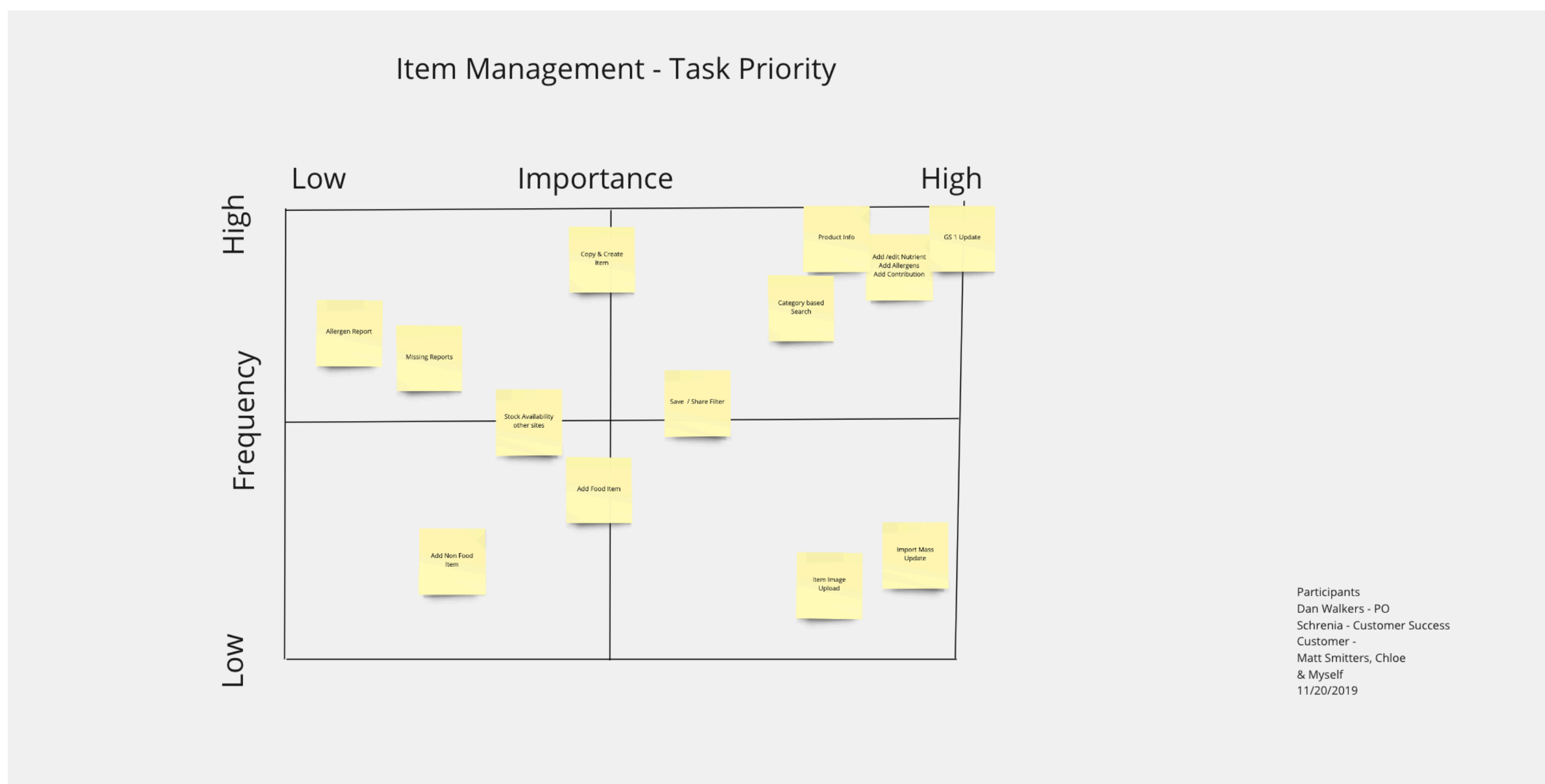
User Profiles			
Characteristics	Market Segments		
	District Admins	State Admins	State Agency
Languages	English, Spanish	English	English, Spanish and others
General Education	High School education	Some Degree	High Education
Domain Expertise	High	Low to Med	High
General Computer Experience	Low to Med	High	High
Age/Gender	Female - 60% Male - 40%	Female - 60% Male - 40%	Female - 30% Male - 70%
Expectation	Ease of Use, Speed to complete task, Search ability, Spend less time on the software, Reduce Add Item time	Ease of Use, Speed to complete task, Spend less time on the software, Minimal Navigation, Notifications & reports on the fly, Reduce Add Item time	Ease of Use, Speed to complete task, Spend less time on the software, Minimal Navigation, Notifications & reports on the fly, Reduce Add Item time

Environment			
Characteristics	Market Segments		
	District Admins	State Admins	State Agency
Location	Indoor		
Geography	New york, California, Texas , and others		
Workspace	Office space		
Lightning	Bright		
Sound	Quiet / LOud		
Device	Desktop / Window Tablet		
Software	Chrome, Internet Explorer,		

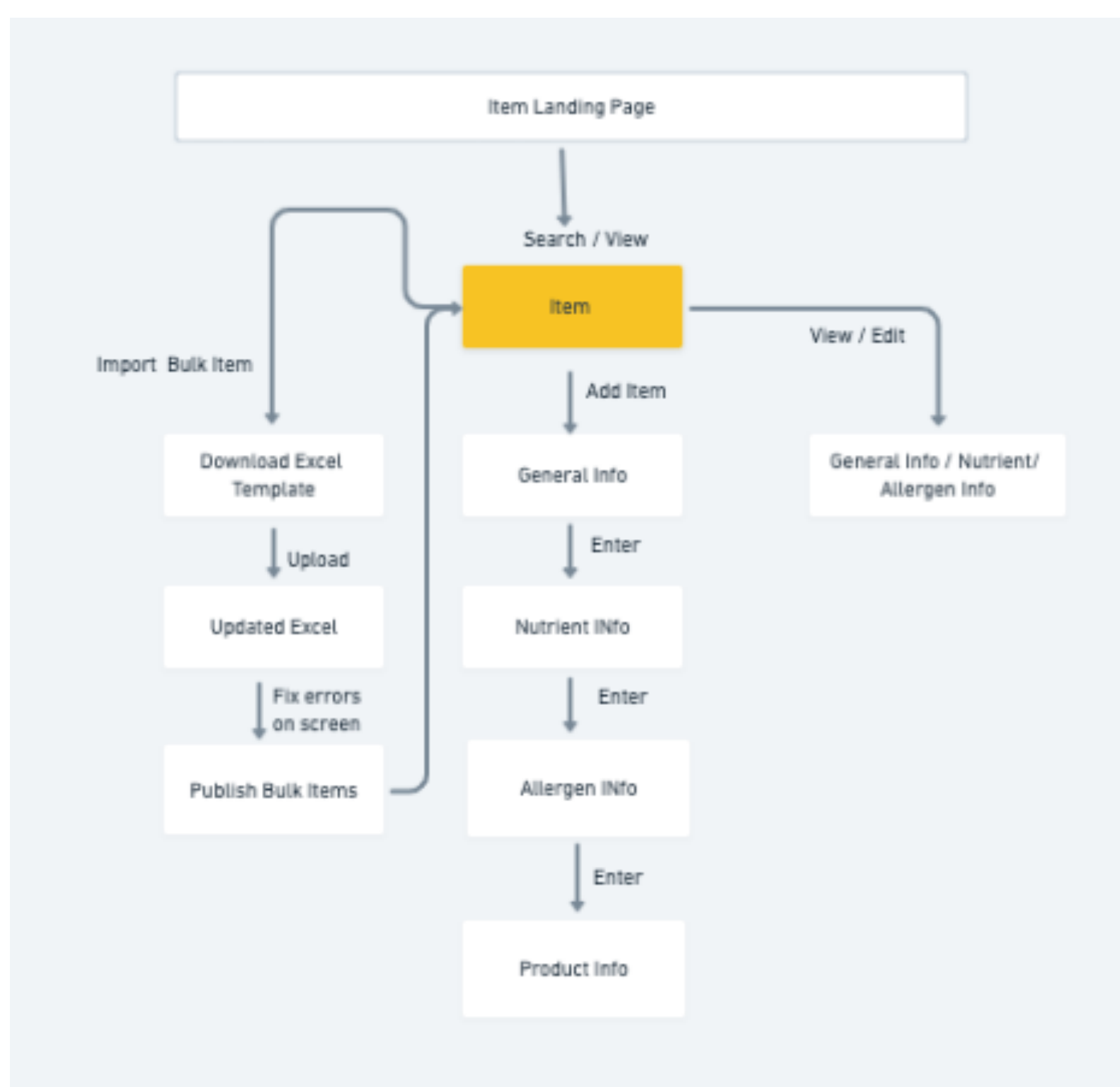
Persona

Demographics	<p>Matt Meal Planner Country : Texas, USA Gender: M Age: 45 Marital Status: M Education: High Occupation : Meal Planner / District Supervisor</p>
Things user wants to know	<p>Needs to know the latest GS1 Update, Incomplete Items information like Nutrients, Allergens (Customer allergens) Stock availability in other sites Wastage information of previous weeks so plan the number meals accordingly(Student Statistics) Discontinued items & Special flag indication</p>
Things user wants to do	<p>Import Items information for the academic year Add / Edit/ Copy Items based on the need Generate allergen & Missing info Report Add Food Item / Non Food Item Add Tags / Configure Tags / Share Tags</p>

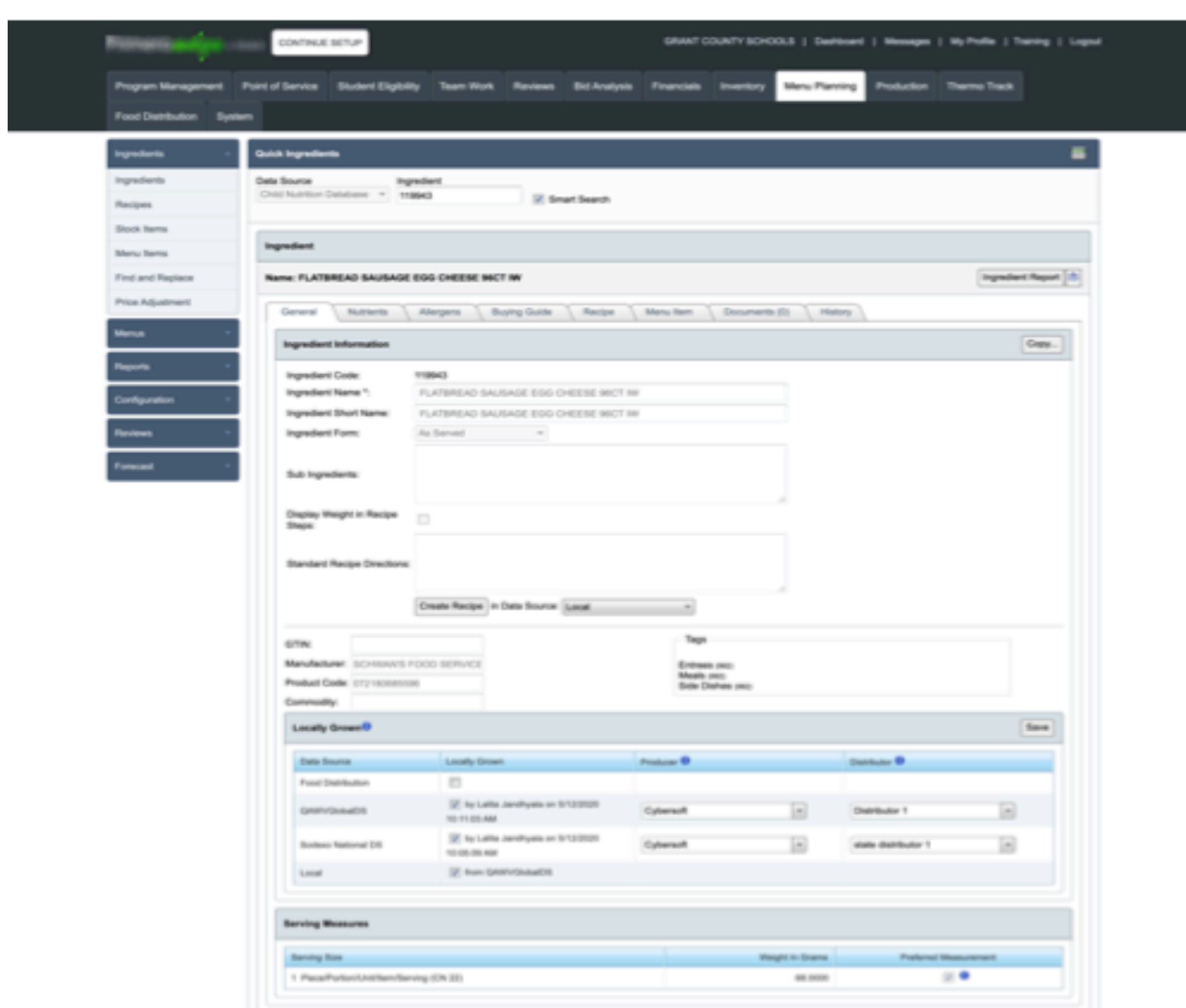
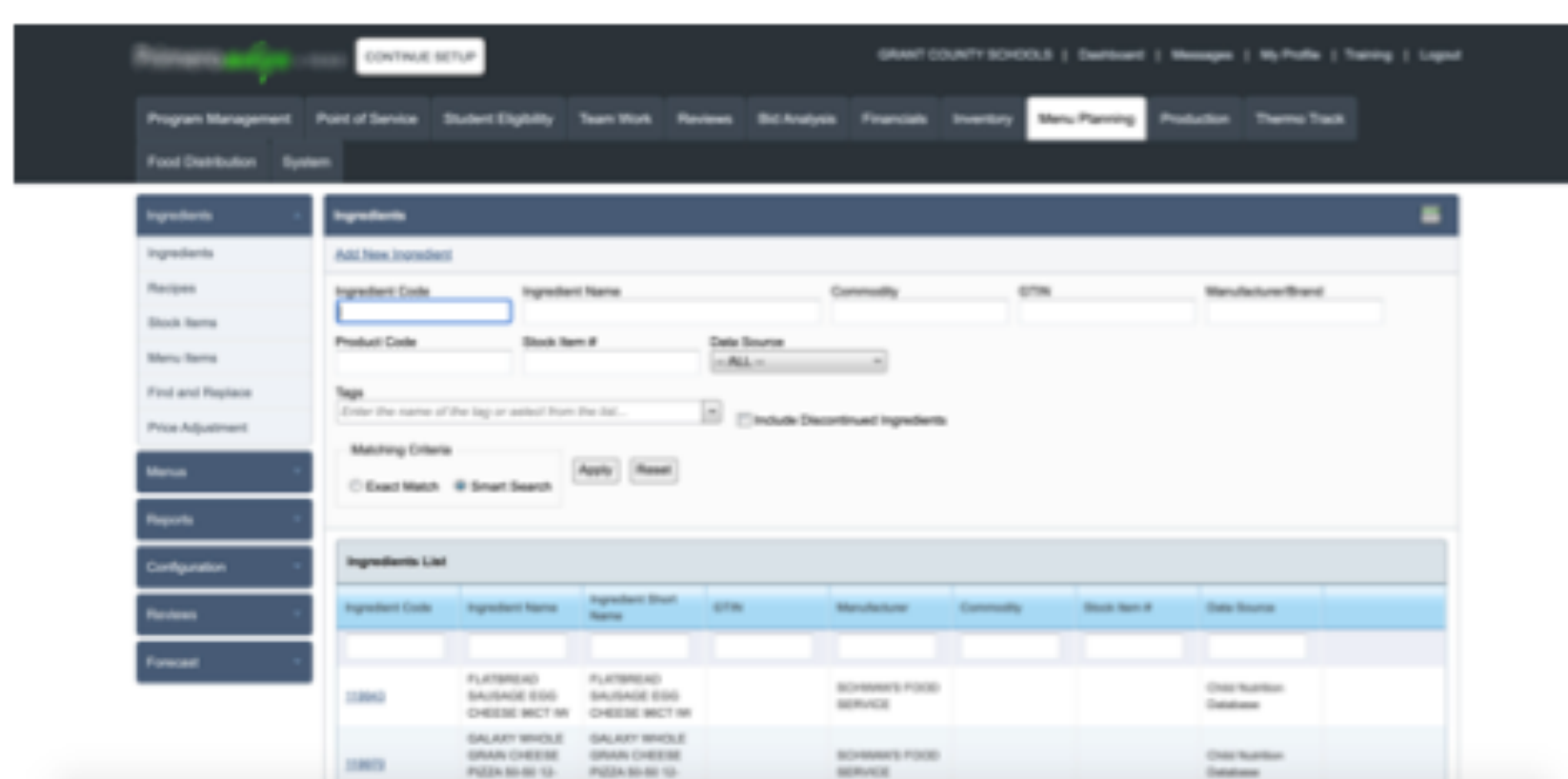
TASK PRIORITAZION



PRIMARY NOUNS/ INFORMATION ARCHITECTURE



CURRENT STATE



DETAILED WIREFRAMES WITH INTERACTION

Landing Page

Item Management
CABELL COUNTY SCHOOLS

[Home](#)

[+ ADD NEW](#)

Updates available from GSI 200 Items available for the update [View](#)

Search Item

Search by item name or ID Include Discontinued Item [SEARCH](#)

Ex- 1114369 or Chicken Breast etc.

OR

Category

200 Items
Meat & Alternatives

200 Items
Vegetables

200 Items
Fruits

200 Items
Grains

200 Items
Dairy

200 Items
Uncategorized

Missing Information

200 Items
General Info

200 Items
Nutrient Info

200 Items
Allergen Info

200 Items
Contribution info

Others

200 Items
Food Item

200 Items
Non Food Item

40 Items
Recently Updated

Mostly Searched Items [Show by Relevance](#)

GALAXY WHOLE CHICKEN TENDERS
50-50 12-6PK CN | 119943
Schwan's Food Service | Datasource

GALAXY WHOLE CHICKEN TENDERS
50-50 12-6PK CN | 119943
Schwan's Food Service | Datasource

GALAXY WHOLE CHICKEN
50-50 12-6PK CN | 119943
Schwan's Food Service | Datasource

GALAXY WHOLE CHICKEN
12-6PK CN | 119943
Schwan's Food Service

Items List

Item Management
Items

[+ ADD NEW](#)

Search Food Non-Food

Search by item name or ID

160 Slice Yellow Chicken Breast | 119943

Gtin # 12322222 Product Code # 12322222 Datasource Local

Beef Patty 50-50 12-6PK CN | 119923

Gtin # 12322222 Product Code # 12322222 Datasource Local

Beef Patty 50-50 12-6PK CN. | 119923

Gtin # 12322222 Product Code # 12322222 Datasource Local

Beef Patty 50-50 12-6PK CN | 119923

Gtin # 12322222 Product Code # 12322222 Datasource Local

Beef Patty 50-50 12-6PK CN | 119923

Gtin # 12322222 Product Code # 12322222 Datasource Local

Beef Patty 50-50 12-6PK CN | 119923

Gtin # 12322222 Product Code # 12322222 Datasource Local

Beef Patty 50-50 12-6PK CN | 119923

Gtin # 12322222 Product Code # 12322222 Datasource Local

Beef Patty 50-50 12-6PK CN | 119923

Gtin # 12322222 Product Code # 12322222 Datasource Local

Beef Patty 50-50 12-6PK CN | 119923

Gtin # 12322222 Product Code # 12322222 Datasource Local

119943 | 160 Slice Yellow Chicken Breast

Active | Sourced locally

[Performance & Analysis](#)

Product Image

160 Slice Yellow Reduced Sodium Reduced Fat Pasteurized Process American Chicken Breast

Ingredient Form As Purchased

Common Info

Datasource Local GTIN 09393-32423-322

Broken Unit GTIN 09393-32423-322 Product Code 09393-32423-322

Manufacturer Name Schwan's Food Service Brand Name Schwan's Food Service

Tags: Entrees, Meals, Side Dishes, +1

Sub Ingredients

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean euismod bibendum laoreet. Proin gravida dolor sit amet lacus accumsan et viverra justo commodo. Proin nulla luctus pharetra vulputate, felis tellus mollis orci, sed rhoncus sapien nunc eget odio. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean...

Standard Recipe

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean euismod bibendum laoreet. Proin gravida dolor sit amet lacus accumsan et viverra justo commodo. Proin Nam fermentum, nulla luctus pharetra vulputate, felis tellus mollis orci, sed rhoncus sapien nunc eget odio. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean [Read More](#)

Nutrient & Contribution Info

Serving Measures

Serving Size: Cup 50 Weight in Grams: 100.000 Preferred Measurement: [Show 30 other Possible measurements](#)

Nutrients

Calories	Salt	Sodium	Zinc	Protien	Total Dietary Fiber	Total Dietary Fiber
180 Kcal	18 Kcal	18 Kcal	18 Kcal	18 Kcal	18 Kcal	18 Kcal
	12%	12%	12%	12%	12%	12%

[Show more](#)

Contributions

Serving Size 20 Cups (200.gms)

Diary	Vegetables
Fruits 1/3 CUP	Cauli 1/3 CUP
Milk 5/8 CUP	Tomatoe 5/8 CUP

Allergen Info

Standard Allergens	Contains	Processed in the Facility	May Contains	Free From
Egg	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gluten	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Custom Allergens	Contains	Processed in the Facility	May Contains	Free From
Allergen 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Allergen 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[Allergen Feature Disclaimer](#)

[Show more](#)

Product Info

Item Valuation Group Commodity	Item Type USDA Commodity	Item Category Produce
Purchase Units 5 bags	Broken Units 5	Storage Category Freezer
Price \$ 23	Weight 10Lb	Bid Category Produce
Net off Invoice \$ 23	Size 43Gms	

Orderable in broken units? Yes Internal vendors only? Yes

Buy American [Upload Exemption Letter](#)

[Availability Sites \(3\)](#)

DETAILED WIREFRAMES WITH INTERACTION

Edit Section

Edit - Nutrient Information - Chicken Breast
All fields are required unless marked as 'Optional'

Serving Measures

Serving Size	Weight in Grams	Preferred Measurement
Cup 50	100.000	<input checked="" type="checkbox"/>

3 Possible measurements ✎ 🗑️

[Add](#)

Nutrient Information

Serving Size 8 Scoop

Nutrient	Per Serving	Missing Value	% Daily Value	% of Calories	Per 100 gram
Calories	<input type="text" value="0"/> Kcals		These values will be autofilled based on your per serving input		
Total Fat	<input type="text" value="0"/> Kcals				
Saturated Fat	<input type="text" value="0"/> Kcals				
Trans Fat	<input type="text" value="0"/> Kcals	<input type="checkbox"/>			
Cholestrol	<input type="text" value="0"/> Kcals	<input type="checkbox"/>			
Sodium	<input type="text" value="0"/> Kcals	<input type="checkbox"/>			
Carbohydrates	<input type="text" value="0"/> Kcals	<input type="checkbox"/>			
Total Dietary Fiber	<input type="text" value="0"/> Kcals	<input type="checkbox"/>			
Total Sugars	<input type="text" value="0"/> Kcals	<input type="checkbox"/>			

[CANCEL](#) [SAVE](#)

Mass Excel Import

Item Management
Import Ingredients

Update Item in a Template & Upload Step 1 of 3 ✎ 1 2 3

To Export Items
Download a template, fill it in, and then upload the completed template.

[DOWNLOAD TEMPLATE](#)

Drag and drop a file or [select a file](#) to upload

[CANCEL](#) [NEXT](#)

Item Management
Import Ingredients

Validate Data Step 1 of 2 ✓ ✎ 3

Excel File and Sheet Name **2 errors & warnings Validation**

Item Name	ID	Vendor	Datasource	Column Name	Column Name
GALAXY WHOLE GRAIN CHEESE PIZZA	119943	ⓘ ✎ Value Required Schwan's Food Service	Local	Lorem ipsum dolor sit	Lorem ipsum dolor sit
GALAXY WHOLE GRAIN CHEESE PIZZA	119943	Schwan's Food Service	Local	Lorem ipsum dolor sit	Lorem ipsum dolor sit
GALAXY WHOLE GRAIN CHEESE PIZZA	119943	Schwan's Food Service	Local	⚠️ ✎ Value Repeating Lorem ipsum dolor sit	Lorem ipsum dolor sit
GALAXY WHOLE GRAIN CHEESE PIZZA	119943	Schwan's Food Service	Local		Lorem ipsum dolor sit
GALAXY WHOLE GRAIN CHEESE PIZZA	119943	Schwan's Food Service	Local		Lorem ipsum dolor sit

[CANCEL](#) [BACK](#) [NEXT](#)

Item Management
Import Ingredients

Download validated Excel Step 1 of 3 ✓ ✓ ✎

✓

Data Validated succesfully

[DOWNLOAD VALIDATED EXCEL FILE](#)

[CANCEL](#) [BACK](#) [PUBLISH](#)

USER TESTING – RESULTS, Navigation, Presentation, Content, Interaction

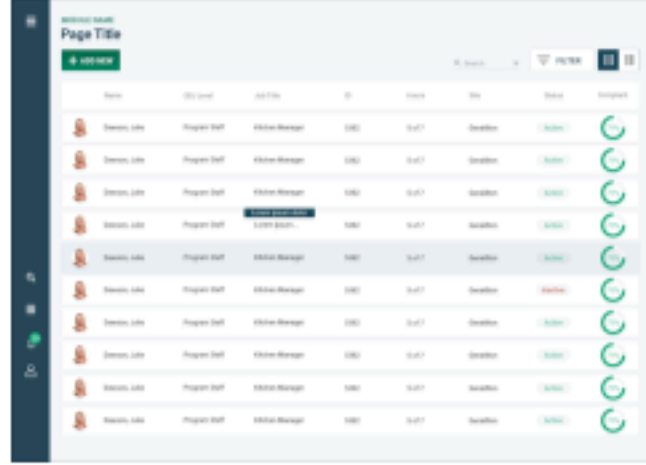
	GROUP #	TX -1	MISSI - 2	COLORO- 3
	NAVIGATION	16	17	18
	PRESENTATION	16	17	16
	CONTENT	16	18	16
	INTERACTION	14	19	16
	Total	62	71	66
	Scale of 1 to 5 (1= Low, 5= High)			

VISUAL, STYLE GUIDES & PATTERNS



Login

1mth



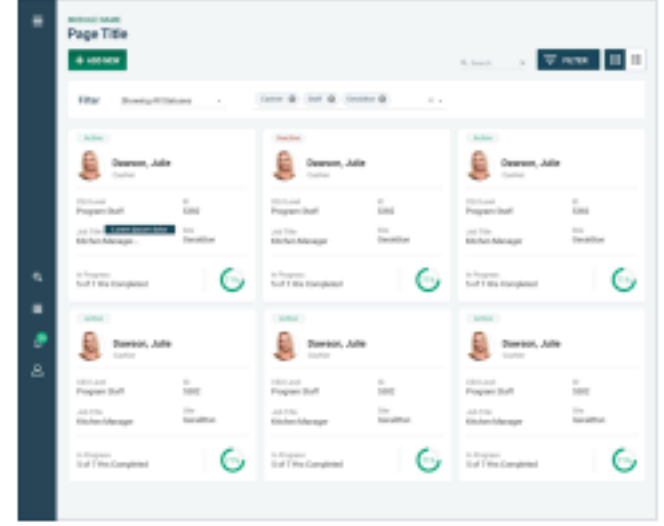
List view

1mth



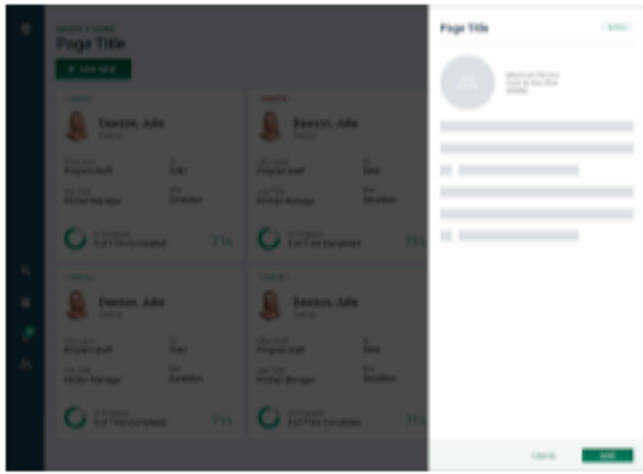
EDGE2.0_login

1mth



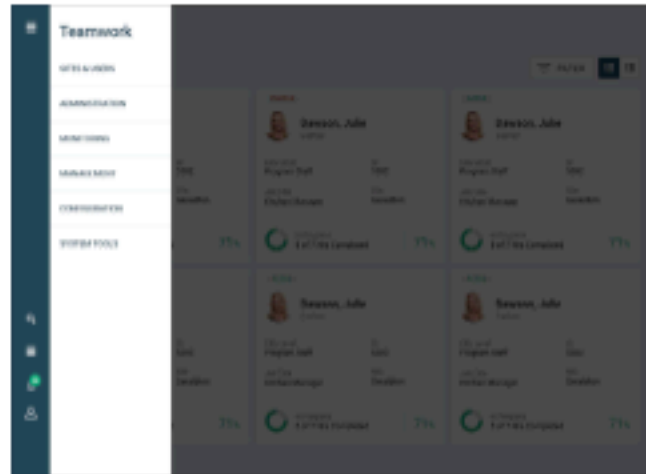
Filter

1mth



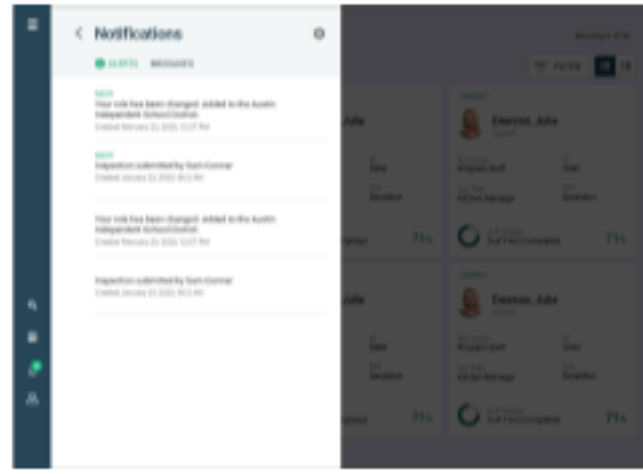
OneFourth Drawer with profile pic

4w



Menu

1mth



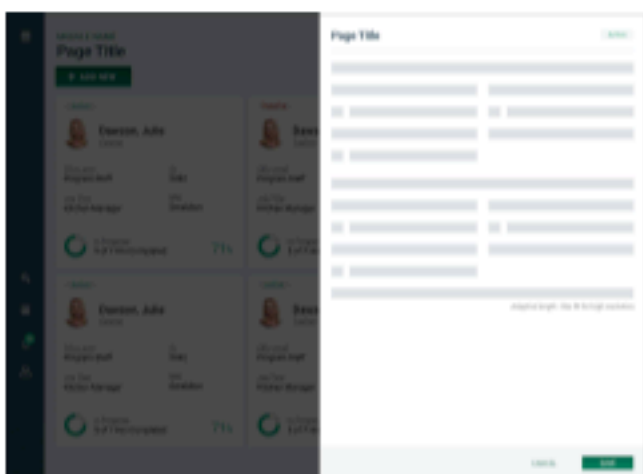
Notifications

1mth



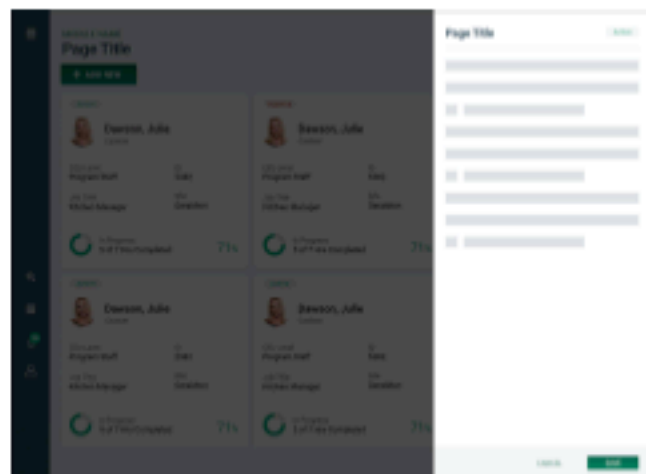
Full Drawer

1mth



Half Drawer

1mth



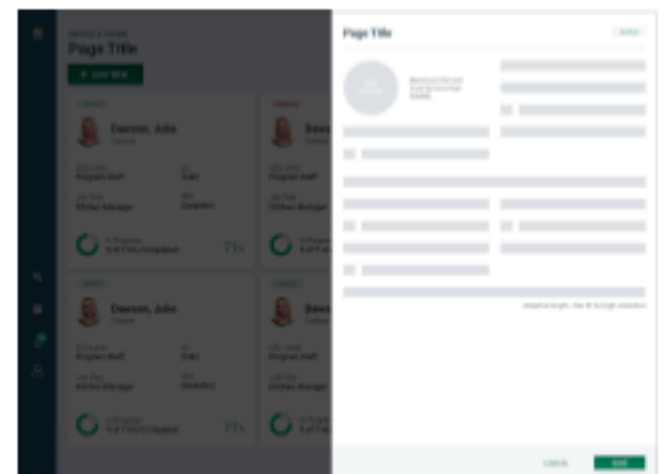
OneFourth Drawer

1mth



Full Drawer with profile pic

4w



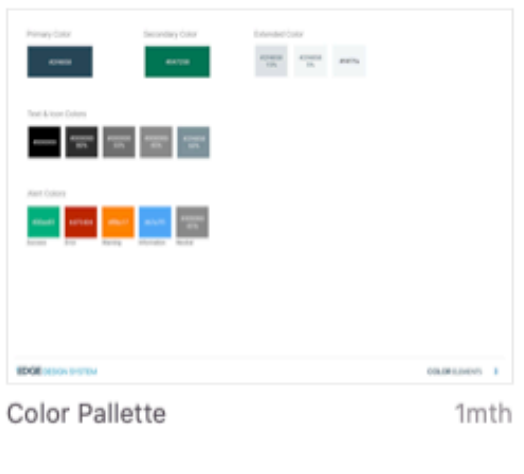
Half Drawer with profile pic

4w



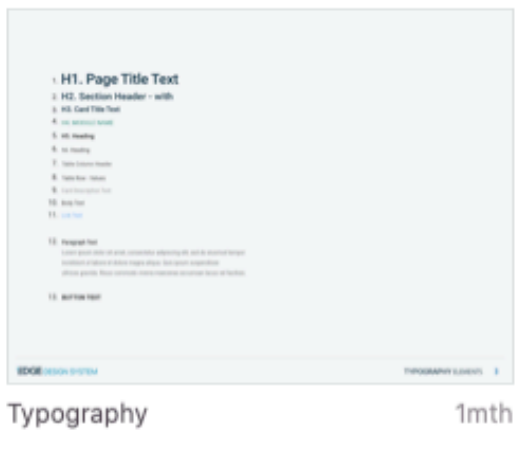
Stepper

1w



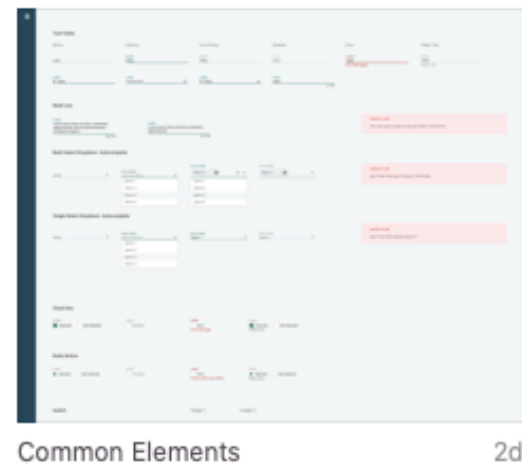
Color Palette

1mth



Typography

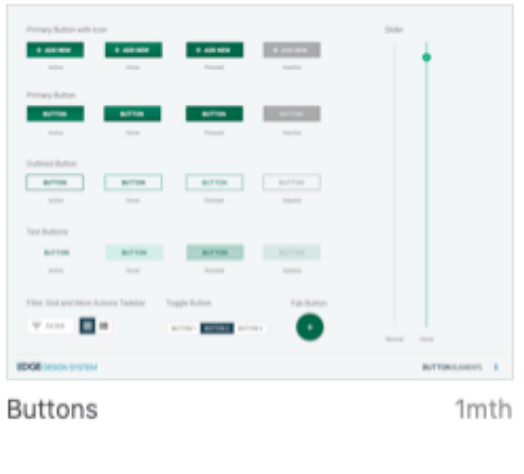
1mth



Common Elements

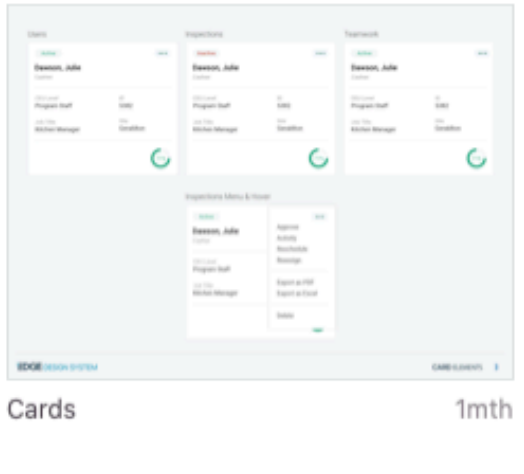
2d

Untitled section



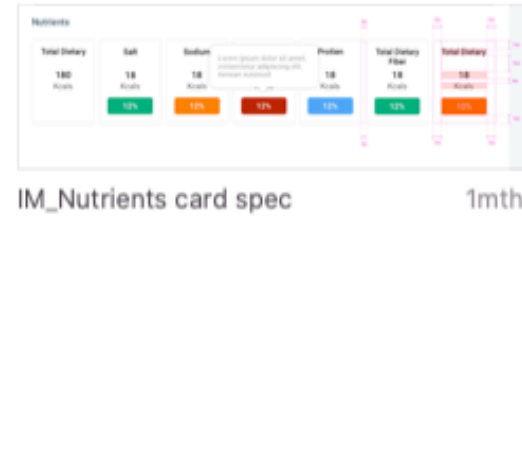
Buttons

1mth



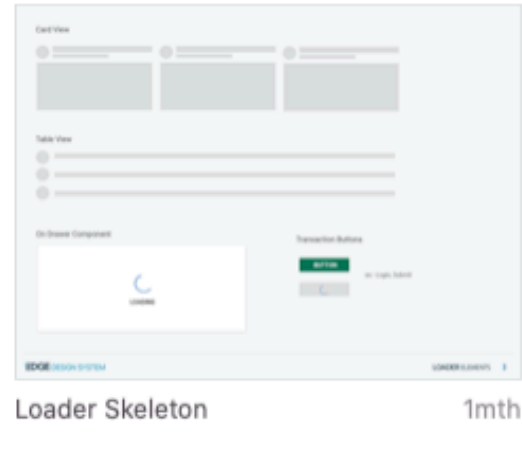
Cards

1mth



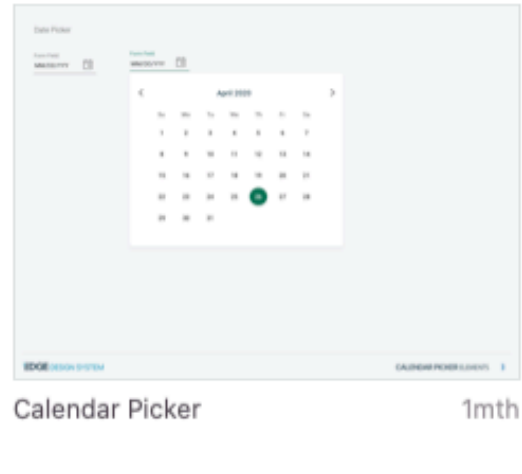
IM_Nutrients card spec

1mth



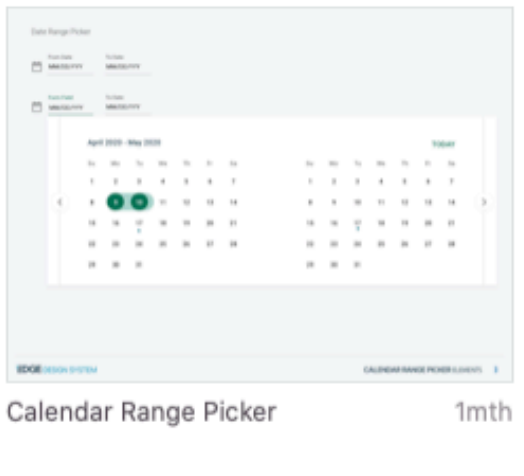
Loader Skeleton

1mth



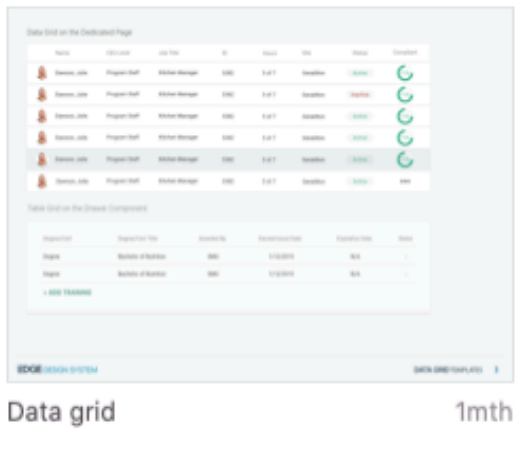
Calendar Picker

1mth



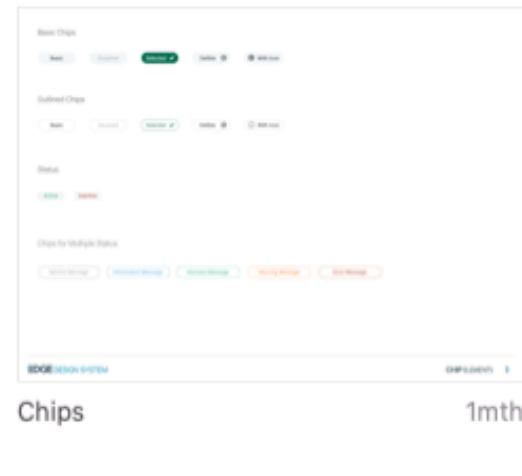
Calendar Range Picker

1mth



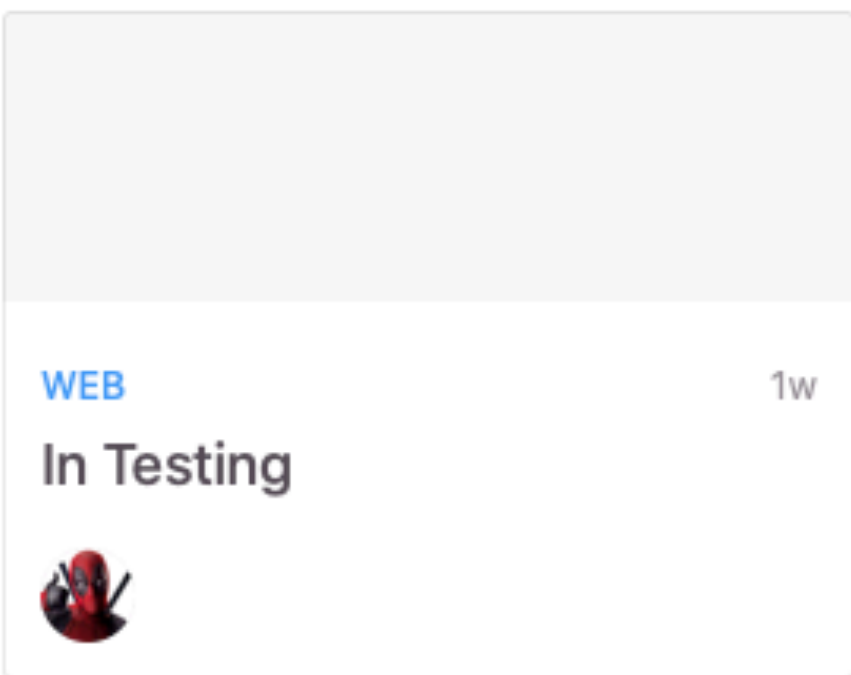
Data grid

1mth



Chips

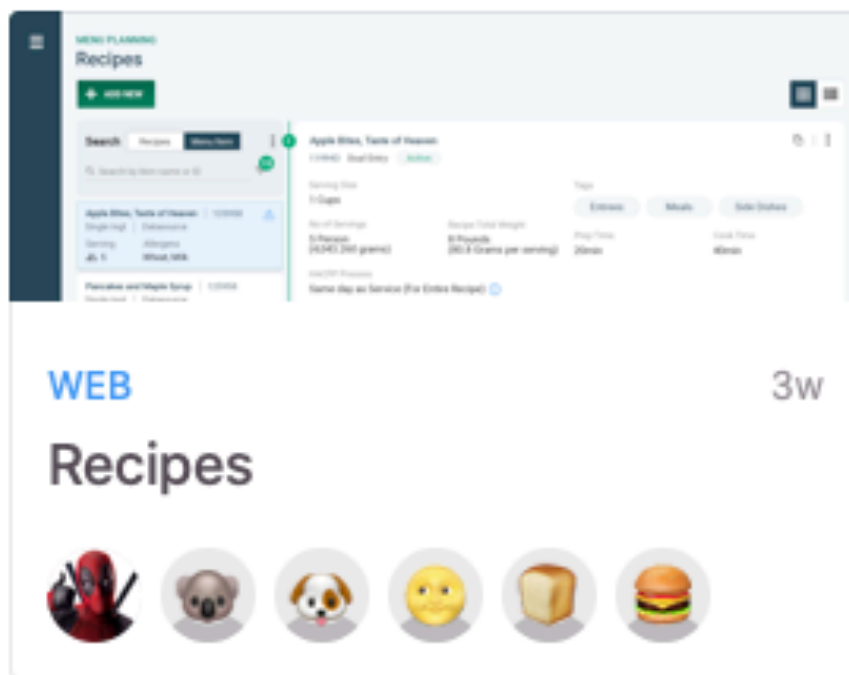
1mth



WEB

In Testing

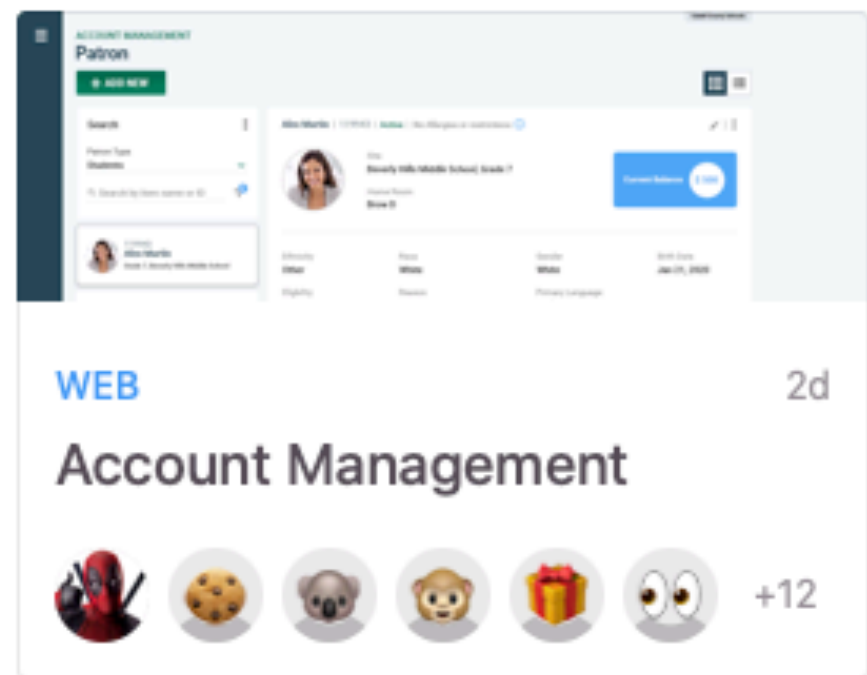
1w



WEB

Recipes

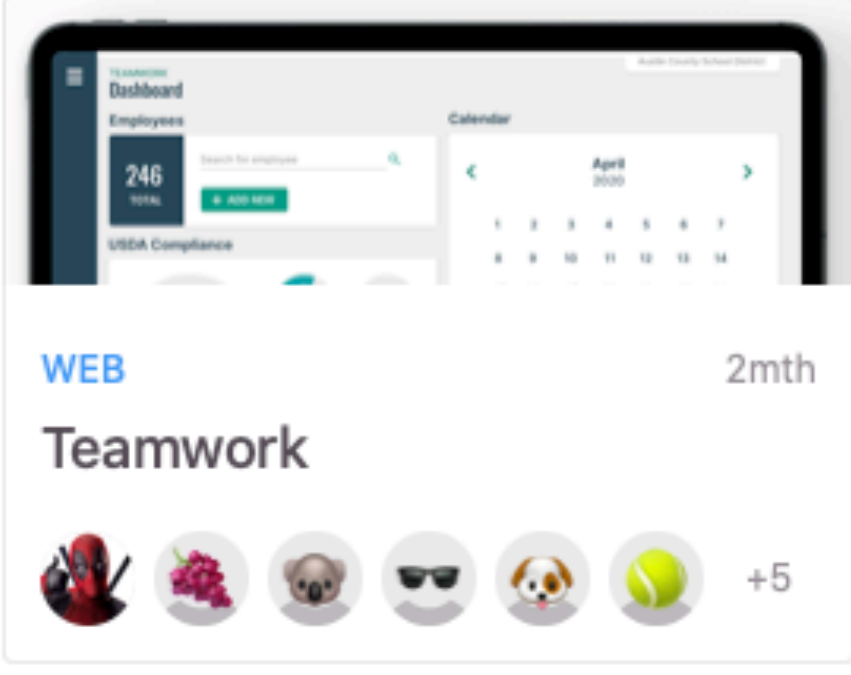
3w



WEB

Account Management

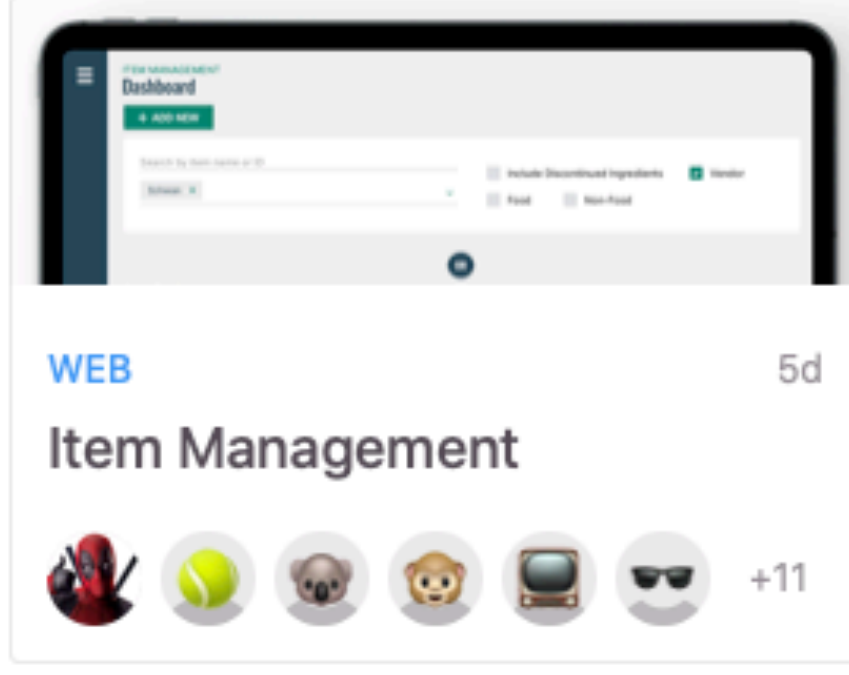
2d



WEB

Teamwork

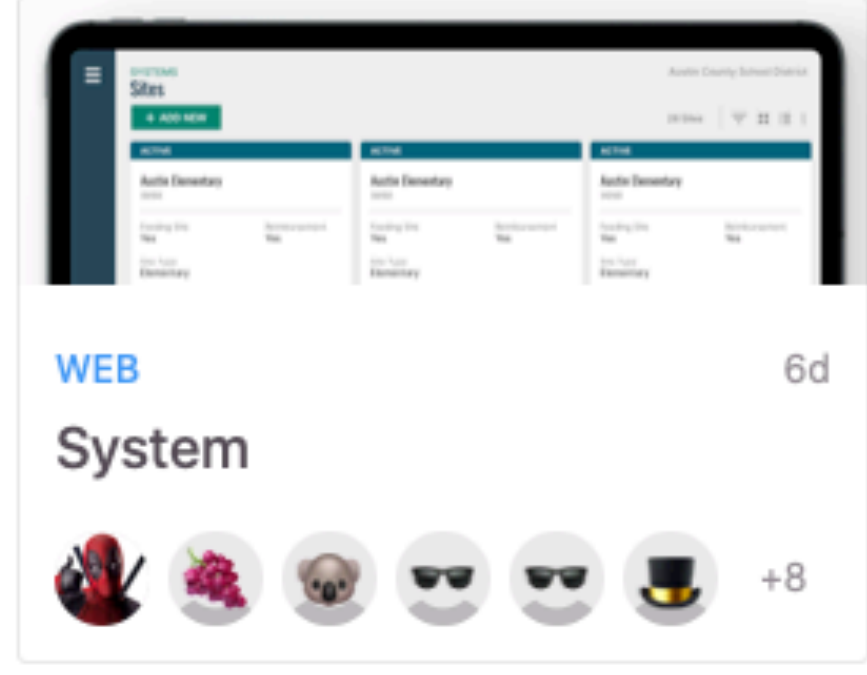
2mth



WEB

Item Management

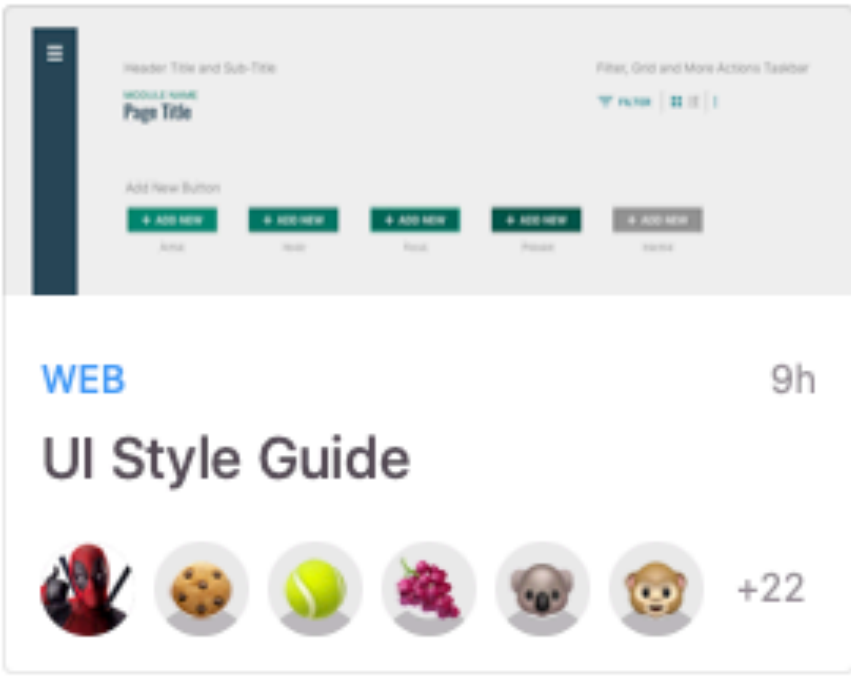
5d



WEB

System

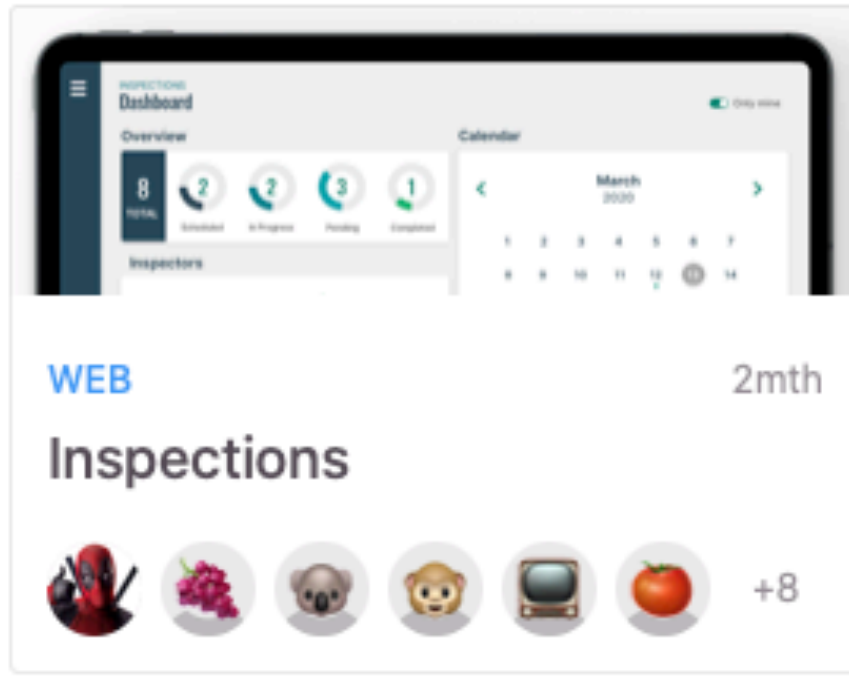
6d



WEB

UI Style Guide

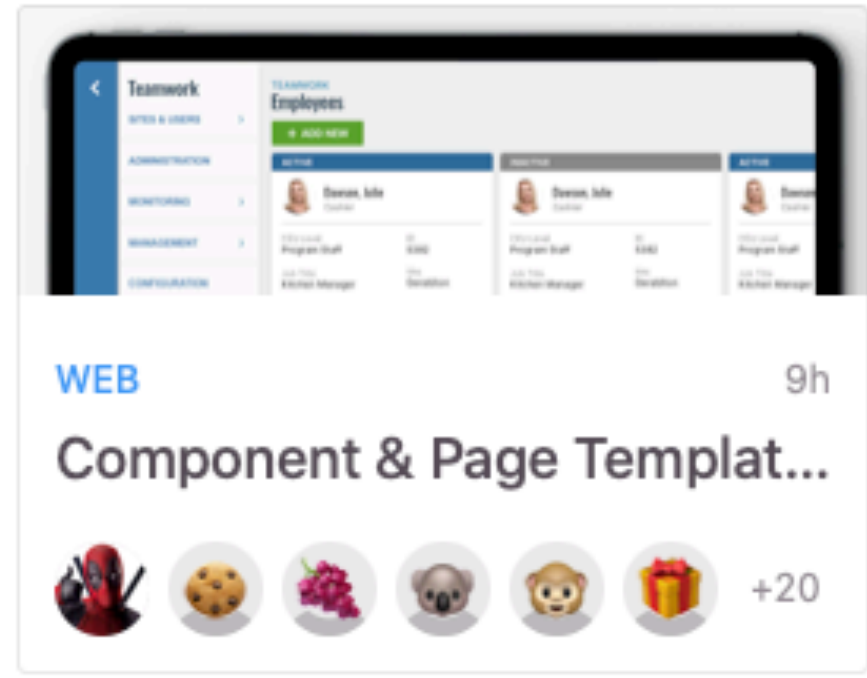
9h



WEB

Inspections

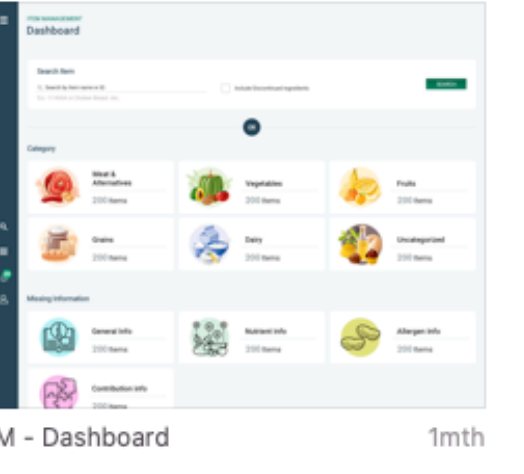
2mth



WEB

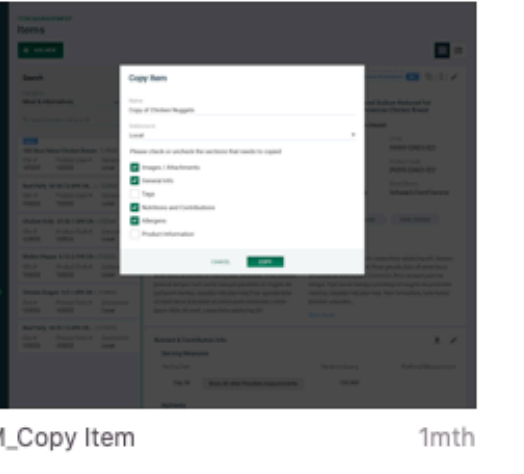
Component & Page Templat...

9h



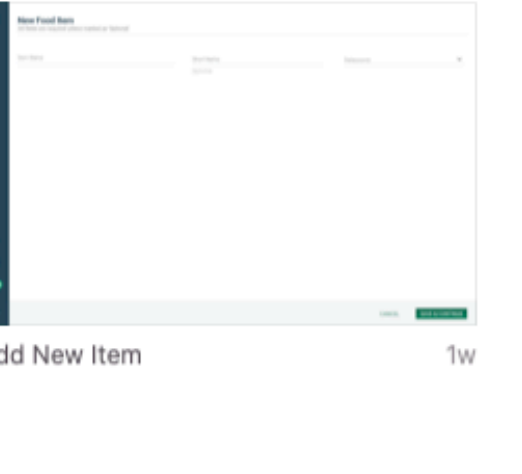
IM - Dashboard

1mth



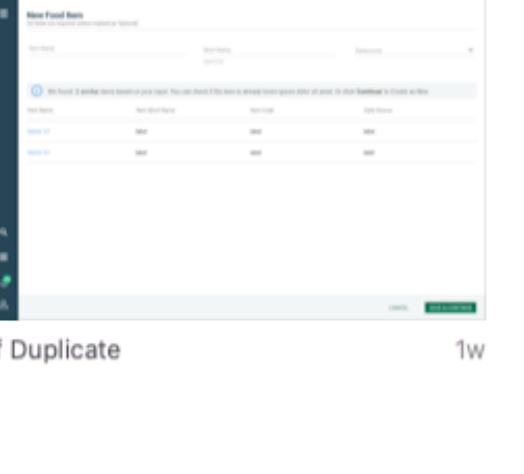
IM_Copy Item

1mth



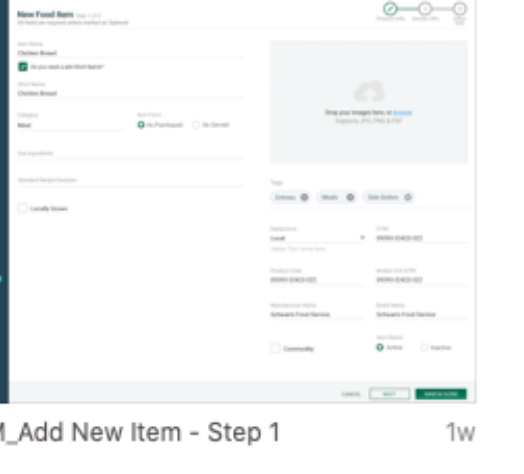
Add New Item

1w



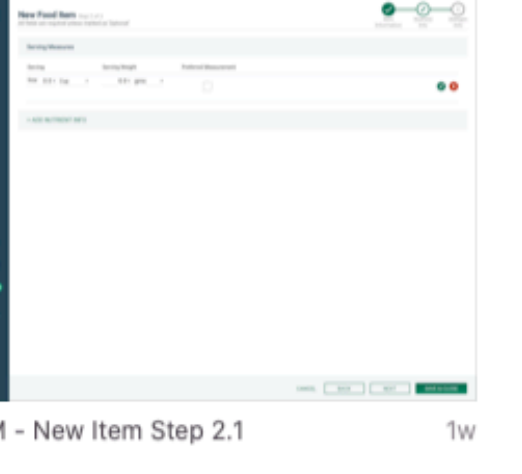
If Duplicate

1w



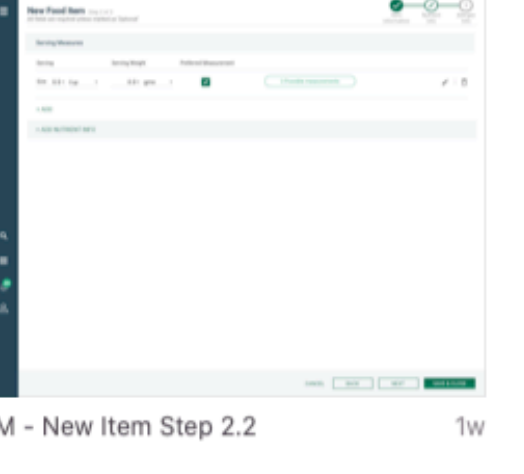
IM_Add New Item - Step 1

1w



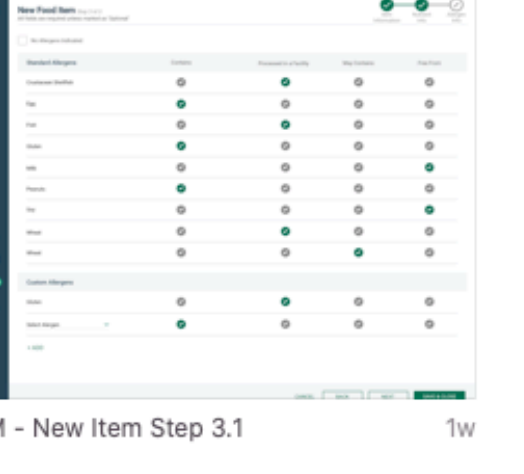
IM - New Item Step 2.1

1w



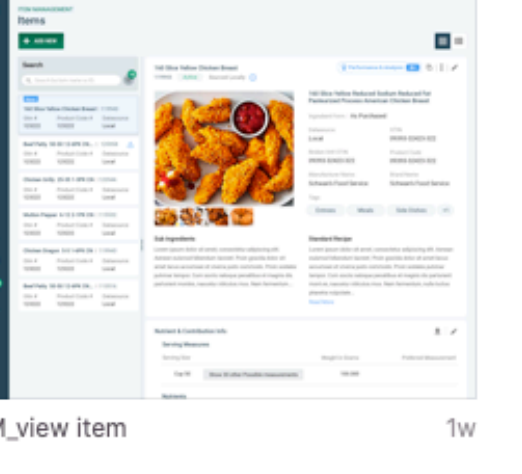
IM - New Item Step 2.2

1w



IM - New Item Step 3.1

1w



IM_view item

1w

Thanks for watching