

UI Model

Samarth Roy

Core feature(s)

There are 4 core features in the HealthLink BC Nutrition Manager, the Meal Plan (weekly/ monthly), Recommendations, Advanced Search, and the User Profile.

For this iteration of the app, I have focused on the Meal Plan, emphasizing the choice of either weekly or monthly planning for the user.

Other features have also been depicted, but not in as much detail.

Login Page - UI

HealthLink BC Nutrition Management

HealthLink BC Nutrition Manager

Username:

Password:

[Forgot Password?](#)

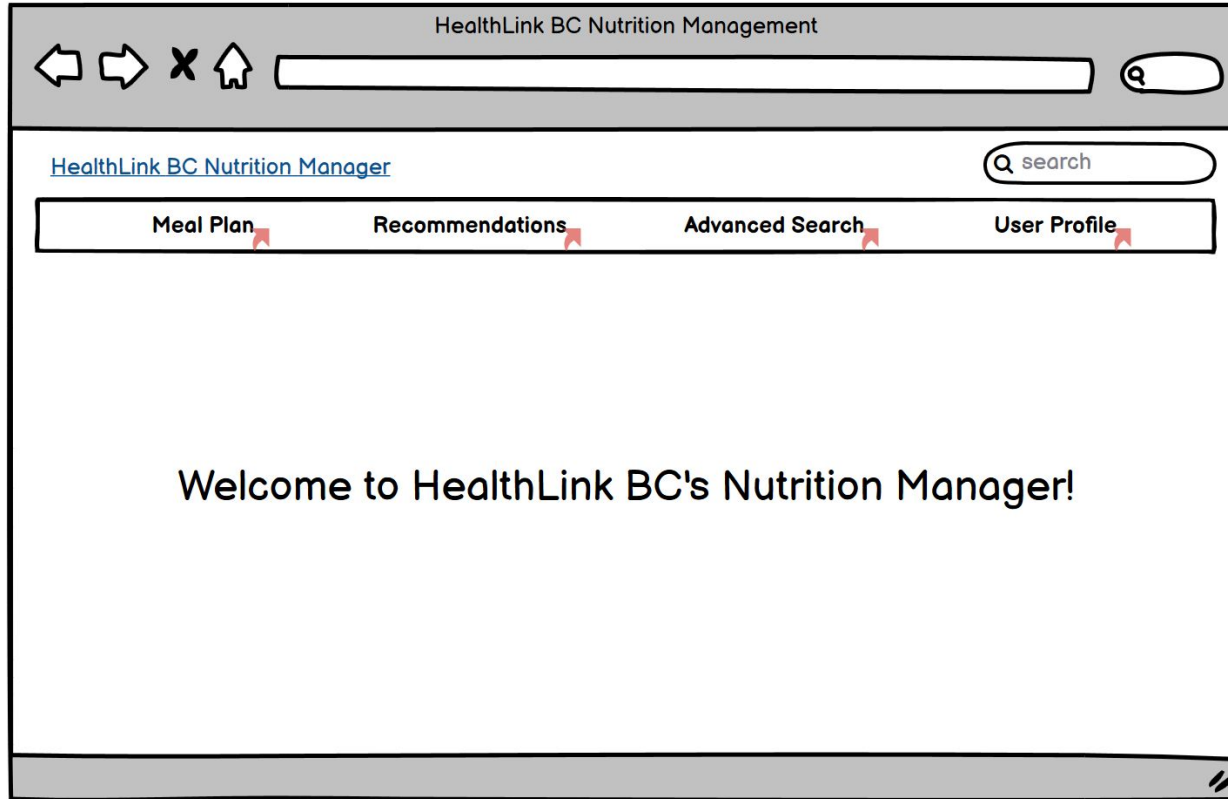
Login

Login Page - Summary

The login page for the HealthLink BC Nutrition Manager asks the user for their username and password. Once a user enters the correct credentials, they are given access to the HealthLink BC webapp.

Additionally, the user has the option to reset their password by clicking on the 'forgot password?' option. Doing so will send an email to the users registered email address to reset their password.

Welcome Page - UI



Welcome Page - Summary

Once the user logs in to the Nutrition Manager, they are directed to the landing page as shown on the previous slide.

They can arrive at this landing page at any time by clicking the 'HealthLink BC Nutrition Manager' hyperlink at the top left corner of the app from any of the tabs.

Meal Plan - UI

HealthLink BC Nutrition Management

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Meal Plan

Recommendations

Advanced Search

User Profile

Display ▾

Weekly

Monthly

Add Component

Meal Type	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Breakfast	BR1	BR2	BR3	BR4	BR5	BR6	BR7	☐
Midday Snack	MS1	MS2	MS3	MS4	MS5	MS6	MS7	☐
Lunch	L1	L2	L3	L4	L5	L6	L7	☐
Evening Snack	ES1	ES2	ES3	ES4	ES5	ES6	ES7	☐
Dinner	D1	D2	D3	D4	D5	D6	D7	☐
Night Snack	NS1	NS2	NS3	NS4	NS5	NS6	NS7	☐

Meal Plan - Summary

One of the core features, at the emphasis of this iteration of the app is the Meal Plan. As shown on the previous slide, users have the choice of either viewing their meal plan in either a weekly or a monthly format.

For each day of a week/ month, there are a maximum of 6 different meal options a user can add. They are Breakfast, Midday snack, Lunch, Evening Snack, Dinner, and Night Snack.

Users also have the option to add/ remove components by clicking the 'Add Component' button, or the [-] button respectively.

Weekly Meal Plan - UI

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Meal Plan

Recommendations

Advanced Search

User Profile

Display ▾

Add Component

Meal Type	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Breakfast	BR1	BR2	BR3	BR4	BR5	BR6	BR7	[-]
Midday Snack	MS1	MS2	MS3	MS4	MS5	MS6	MS7	[-]
Lunch	L1	L2	L3	L4	L5	L6	L7	[-]
Evening Snack	ES1	ES2	ES3	ES4	ES5	ES6	ES7	[-]
Dinner	D1	D2	D3	D4	D5	D6	D7	[-]
Night Snack	NS1	NS2	NS3	NS4	NS5	NS6	NS7	[-]

Weekly Meal Plan - Summary

The weekly meal plan feature is for each of the 7 days of a week. As mentioned previously, the user has the option to add a maximum of 7 different meals/recipes for a day.

Each meal is intended to be unique in its composition and can be added/ removed by a user based on their specific needs. This enables the Nutrition Manager to be a 'one app fits all' solution, with the capability to be tailored according to the needs, wants, and goals of individual users.

Clicking on each recipe/meal will provide a prompt with the ingredients list, the directions to prepare it and the nutritional facts for that meal. This page has been omitted for simplicity sake and to keep the focus on the Meal Plan feature.

Monthly Meal Plan - UI

HealthLink BC Nutrition Management

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Meal Plan

Recommendations

Advanced Search

User Profile

Display ▾

Add Component

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DECEMBER 2020

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S	M	T	W	T	F	S
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

Monthly Meal Plan - Summary

Similar to the weekly meal plan, the monthly meal plan lets users define a maximum of 6 meals/recipes per day for each day.

As shown on the previous slide, a user may select a date in a month to view the meals on that day.

On clicking a date, a user is guided to the weekly meal plan date range for which that date exists. Here, a user can get an overview of all the meals for that specific date. Further, just like the weekly meal plan use case, a user may view the ingredients list, the cooking directions, and the nutritional information for a specific meal/recipe.

Add Component Prompt from weekly (1) - UI

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Meal Plan

Recommendations

Advanced Search

User Profile

Display ▾

Meal Type ▾

Breakfast

Midday Snack

Lunch

Evening Snack

Dinner

Night Snack

Add for day/ d

Add component and go to advanced search

?

Add Component

Meal Type	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Breakfast	BR5	BR6	BR7					[-]
Midday Snack	MS5	MS6	MS7					[-]
Lunch	L5	L6	L7					[-]
Evening Snack	ES5	ES6	ES7					[-]
Dinner	D5	D6	D7					[-]
Night Snack	NS1	NS2	NS3	NS4	NS5	NS6	NS7	[-]

Add Component Prompt from weekly (2) - UI

HealthLink BC Nutrition Management

HealthLink BC Nutrition Manager

Meal Plan Recommendations Advanced Search User Profile

Display

Meal Type

Breakfast

Midday Snack

Lunch

Evening Snack

Dinner

Night Snack

Meal Type

Add for day/ date

DECEMBER 2020

S M T W T F S

29 30 1 2 3 4 5

6 7 8 9 10 11 12

13 14 15 16 17 18 19

20 21 22 23 24 25 26

27 28 29 30 31 1 2

3 4 5 6 7 8 9

Add component and go to advanced search

Add Component

Monday	Saturday	Sunday	
BR5	BR6	BR7	
MS5	MS6	MS7	
L5	L6	L7	
ES5	ES6	ES7	
D5	D6	D7	
NS5	NS6	NS7	

Add Component Prompt from monthly - UI

HealthLink BC Nutrition Manager

HealthLink BC Nutrition Manager

Meal Plan Recommendations Advanced Search User Profile

Display

Meal Type

Add for day/ date

DECEMBER 2020

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Add component and go to advanced search

Add Component

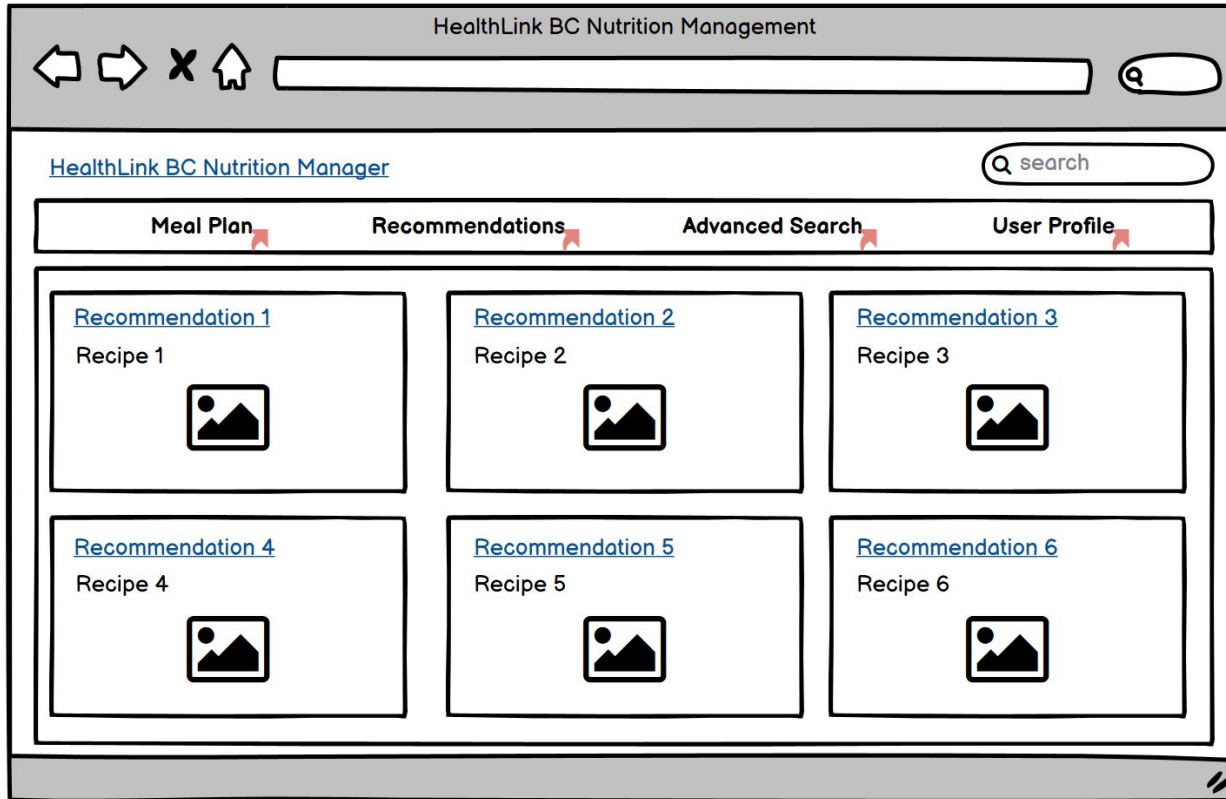
S	M	T	W	T	F	S
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	1	2
3	4	5	6	7	8	9

Add Component Prompt - Summary

A meal/recipe component, for example Breakfast can be added to a user's meal plan by clicking the 'Add Component' button from either the weekly, or the monthly Meal Plan view.

On clicking add component, a user is prompted to enter which component, and on which day and date they want to add it. They are then directed to click the 'Add component and go to advanced search' button, which redirects them to the advanced search tab, where they can filter specific recipes to add based on their unique dietary requirements.

Recommendations - UI



Recommendations - Summary

The recommendations tab's intended purpose is to make meal selection easier for users by suggesting meal/ recipe recommendations to them based on an AI driven data collection algorithm.

Recommendations are made to a user based on their selected recipes and search history.

As a user selects more meals/recipes and makes more searches over time, the algorithm improves to make better suggestions.

Advanced Search - UI

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[HealthLink BC Nutrition Manager](#)

🔍 search

Meal Plan

Recommendations

Advanced Search

User Profile

Search by

type: ☐ Breakfast ☐ Midday snack ☐ Lunch ☐ Evening snack ☐ Dinner ☐ Night snack

calories: ☐ <500 ☐ 500-1000 ☐ 1000-2000 ☐ 2000-4000

taste profile: ☐ sweet ☐ savoury ☐ sour ☐ spicy

cooking time: ☐ < 15mins ☐ < 30mins ☐ < 1hr ☐ < 2hrs

cooking difficulty: ☐ easy ☐ medium ☐ hard

ingredient cost: ☐ < \$5 ☐ < \$10 ☐ < \$20 ☐ < \$40 ☐ < \$100

ingredient seasonality: ☐ spring ☐ summer ☐ fall ☐ winter

Search

Advanced Search - Summary

The advanced search function enables a user to search recipes/ meals based on certain filter. These filters include the type of meal, the calorific value of the meal, the taste profile, the cooking time, the cooking difficulty, the ingredient cost, and the ingredient seasonality.

All fields are multi-select, to enable a user to increase the breadth of their search.

Additionally, a user may search meals by keywords by entering text in the search box available at the top right corner of the Nutrition Manager app.

User Profile - UI

The image is a hand-drawn UI mockup for a web application titled "HealthLink BC Nutrition Management". It features a browser window with navigation icons (back, forward, close, home) and a search bar. Below the browser window is a navigation menu with four items: "Meal Plan", "Recommendations", "Advanced Search", and "User Profile", each with a red arrow pointing right. The "User Profile" section is active and contains a list of user details: Name (Samarth Roy), Age (22), Weight (47kg), Height (5'3), Built (Slim), Goal (Weight gain), Allergies (N/A), and Restrictions (N/A). On the right side of this section, it shows Username (samroy) and Password (*****). A "Change password" button is circled in the center of the profile details.

HealthLink BC Nutrition Management

HealthLink BC Nutrition Manager

search

Meal Plan Recommendations Advanced Search User Profile

User Profile

Name: Samarth Roy Username: samroy

Age: 22 Password: *****

Weight: 47kg Change password

Height: 5'3

Built: Slim

Goal: Weight gain

Allergies: N/A

Restrictions: N/A

User Profile - Summary

The user profile page displays a user's information, which includes their name, age, weight, height, built, goal, allergies, restrictions, username, email, and password.

A user has the capability to edit all fields barring their username.

Thank you!