

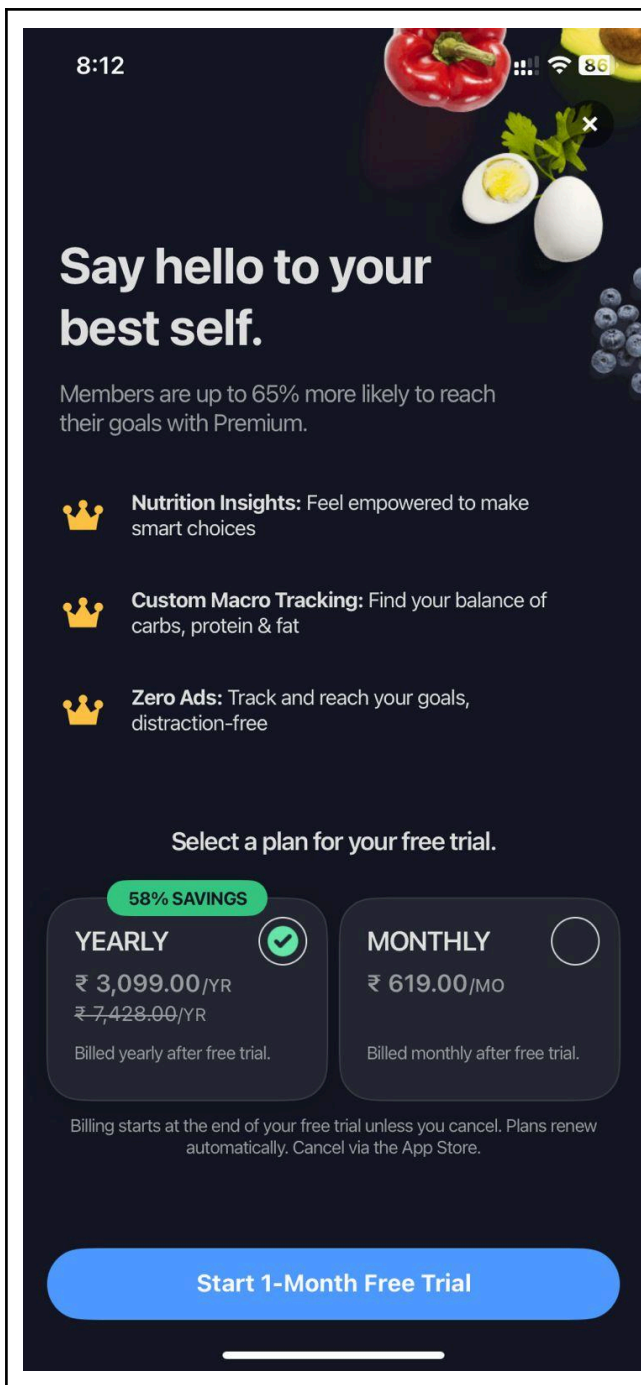
## MPL & PWA LAB PREREQUISITE

Name: - Shreyash Dhekane Class: - D15A Roll: No: - 16

AIM: - Selecting features for application development, the features should comprise of:

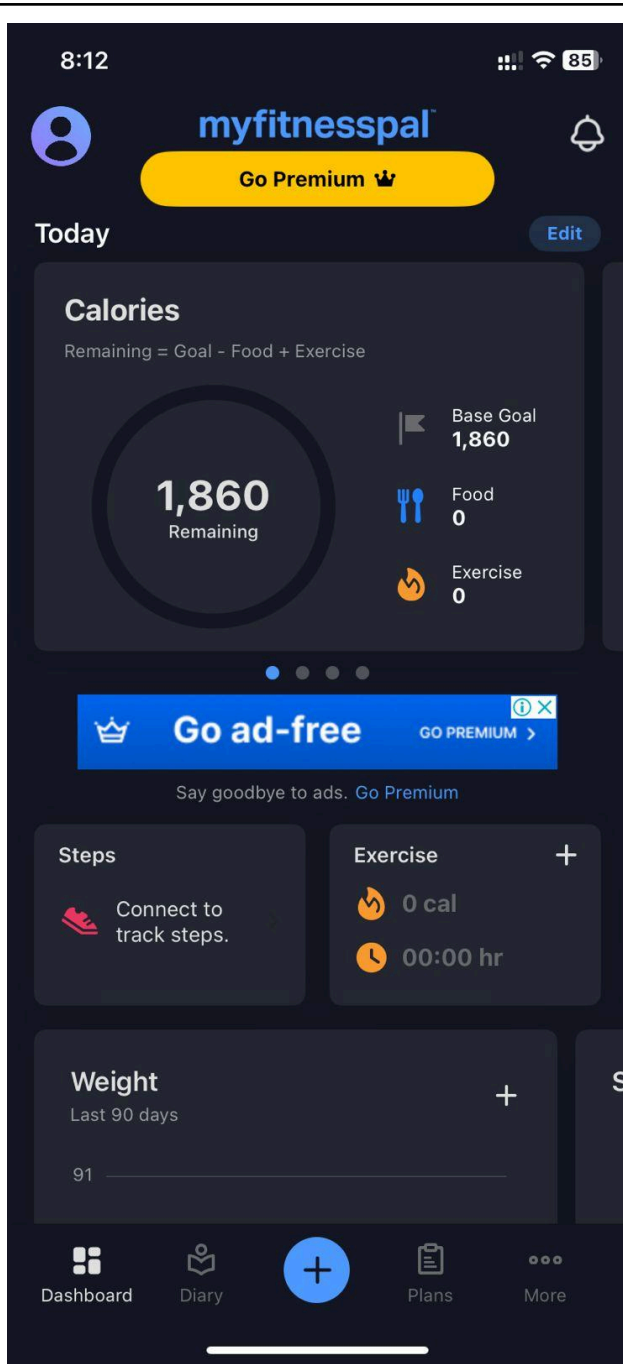
- 1.Common Widgets
- 2.Should include icons, images, charts etc.
- 3.Should have an interactive form.
- 4.Should apply navigation, routing and gestures
- 5.Should connect with FireBase database

Screenshots	Features
	<ul style="list-style-type: none"><li>● <b>Purpose:</b> Enables users to register or log in by email address and password to access the app's features.</li><li>● <b>Firestore Integration</b> Ensures secure login by storing user details in Firestore Authentication. Can validate user identity based on phone number.</li><li>● <b>Widgets</b><ol style="list-style-type: none"><li>1. Formfields</li><li>2. Buttons with designated tasks</li></ol></li></ul>



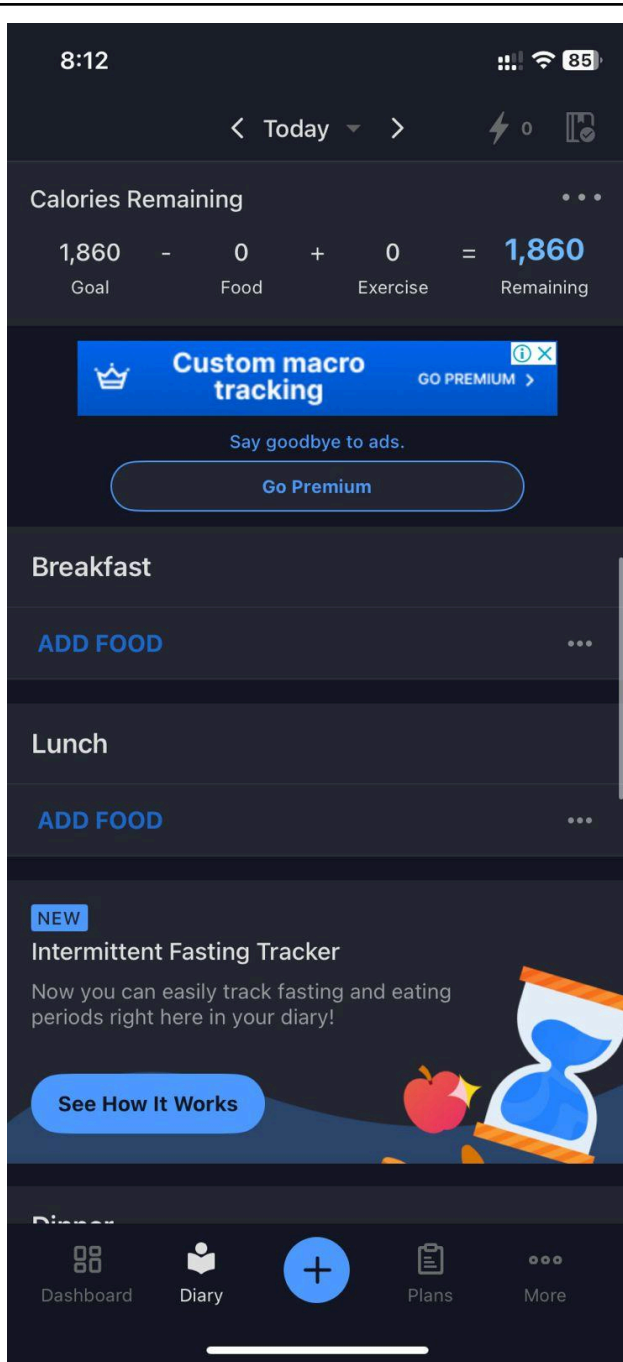
## Widgets Used

1. **Radio Button**
  - a. To choose between the subscription type for the customer
2. **Text fields**
  - a. To explain to the user the various benefits that the subscriptions holds.
  - b. Different visual representation of text fields will increase the user experience.
3. **Button**
  - a. To confirm the selection of the user.



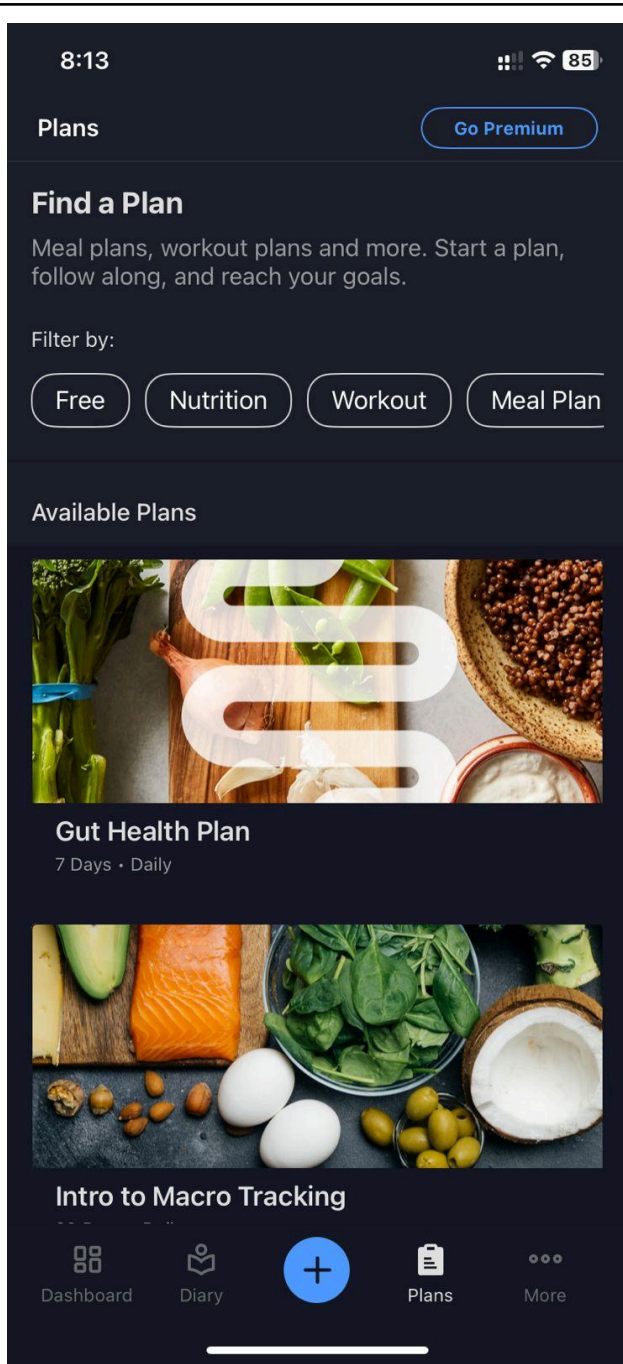
## Widgets used

1. **Calories Remaining Tracker**
  - a. To visually display the insights of the calories of the user for better understanding
2. **Premium Feature Promotion**
  - a. Small widget promoting the premium subscription of the app will increase the business of the app.
3. **Steps tracker**
  - a. Visual insights of the steps with daily goals will help in motivating the user to fulfill daily tasks.
4. **Exercise tracker**
  - a. Tracking of various types of exercises will help in user understanding of its effect on the transformation.
5. **Weight graph**
  - a. Graph will help user track if the results achieved are acceptable or needs further attention
6. **Bottom Navigation bar**
  - a. Will help in navigating various parts of the application.



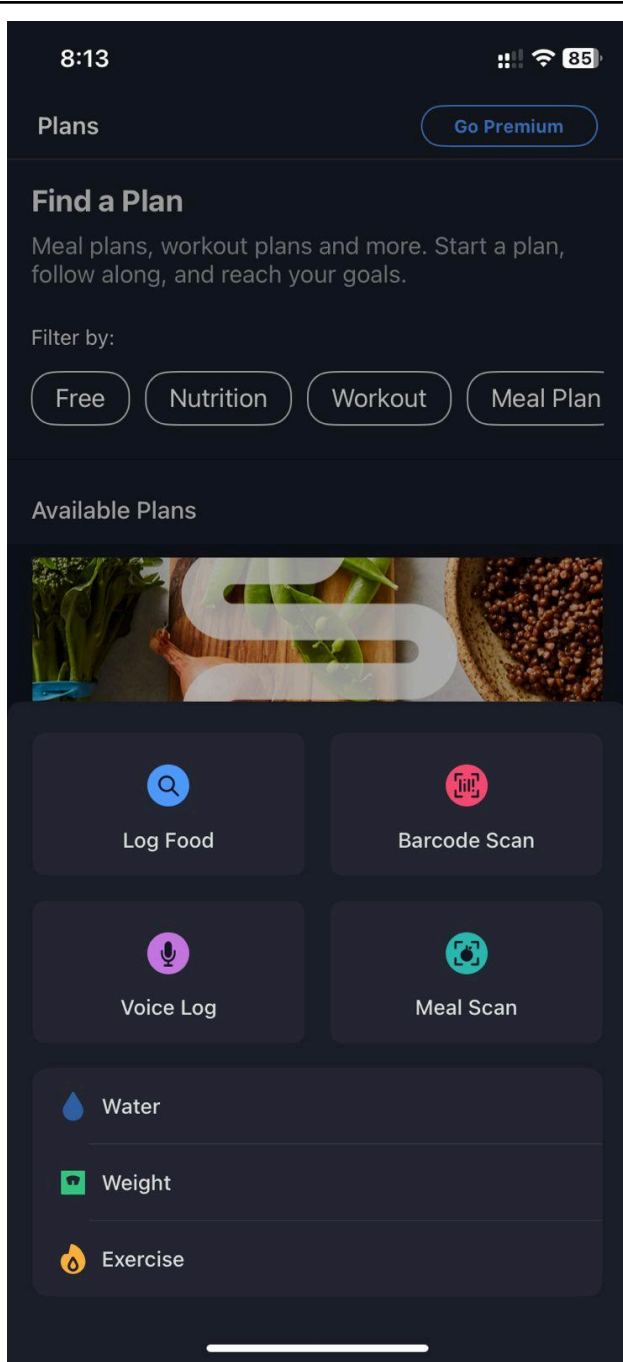
## Widgets used

1. **Calories RemainingTracker**
  - a. To visually display the insights of the calories of the user for better understanding
2. **Premium Feature Promotion**
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3. **Food logging**
  - a. Will help the user understand how different foods will fulfill different consumption requirements.
4. **Day switching button**
  - a. To have a daily data on the progress to revisit and analyze it.



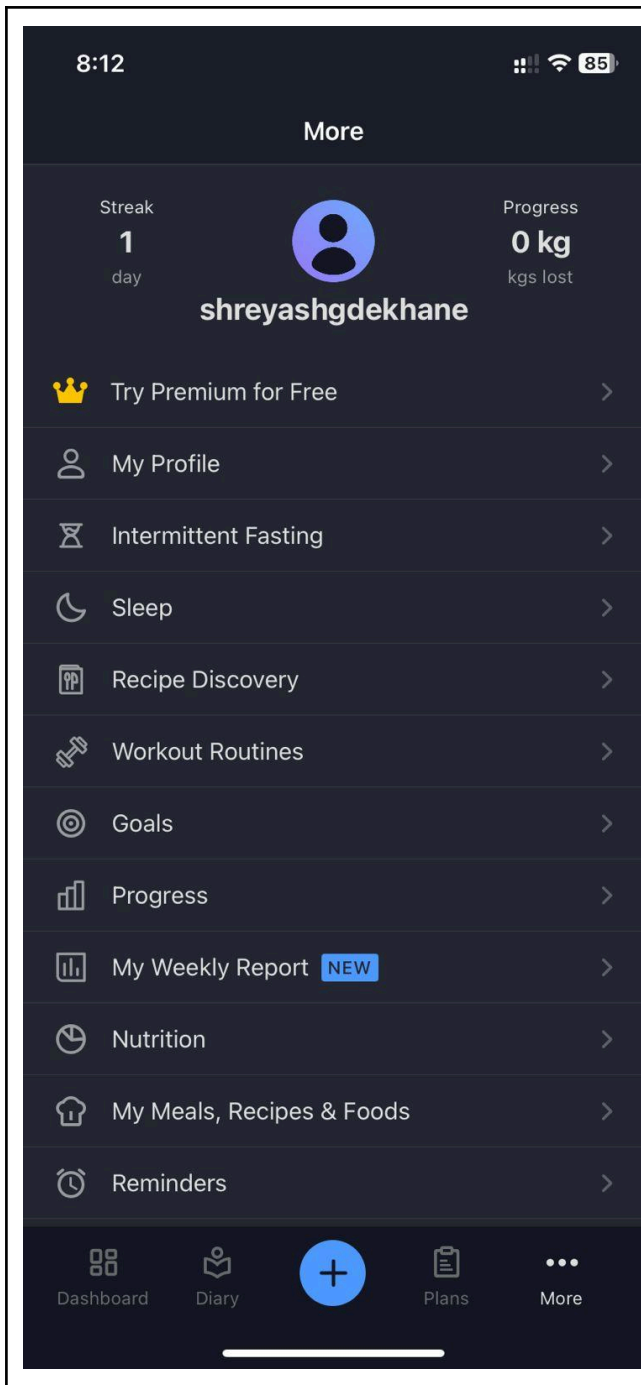
## Widgets used

1. Quick search buttons
  - a. Find features mostly used quickie reducing the no of steps required to access it.
2. Carousels to depict various meal plans
  - a. Find various dishes to quickly log into the food logger.



## Widgets used

1. Dedicated buttons to log food based on different methods
  - a. Provide various methods to log food to the user to achieve maximum user sustainability.
  - b. Having dedicated buttons to log various data will help in increasing user experience.



### Widgets used

1. Profile image
2. Streak and progress counter
3. Listed buttons for each functionality

## UNIQUE FEATURE

### *Custom recipe logging by user*

Customers can add a custom recipe in the app that will be verified by admins and once approved will be able to be used by all users across the platform.

