

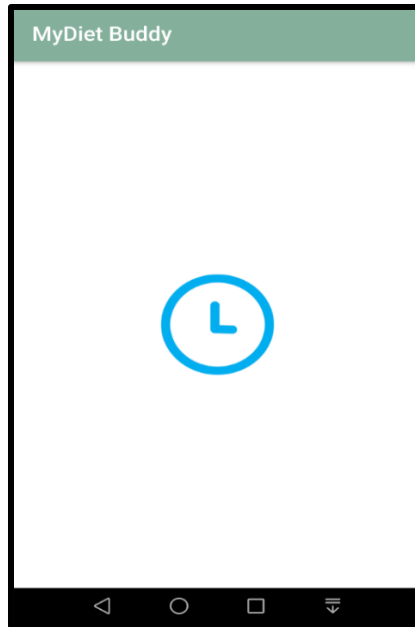
Final Year Project

My Weight Control Diary (Mobile Application For Android)

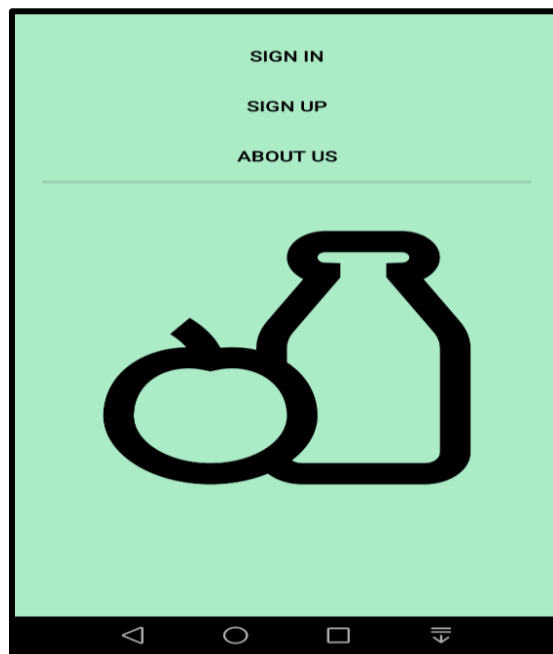
I just finished My final Year project for Semester 5. My final year project is about Weight Control Diary. Using this app it can help user to control their calories. I'm using MySQL and SQLite for database and Java language as main language for this application.

Main functions of these applications are:

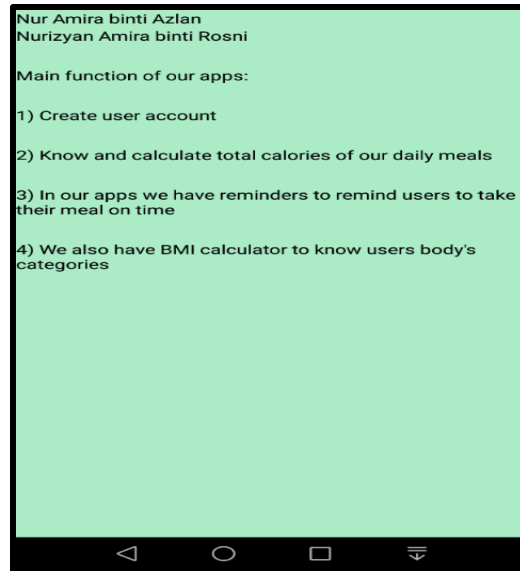
- Create their own account
- Login/Signup
- Can know details about carbs, protein, and fat
- Change Measurements to Metric or Imperial
- User can make reminders or Alarm to remind them
- Calculate BMI
- Enter their target weight
- Can know how much calories they should take everyday
- Add new food
- Edit/Update Food
- Delete food
- Logout



Shows splash screen.

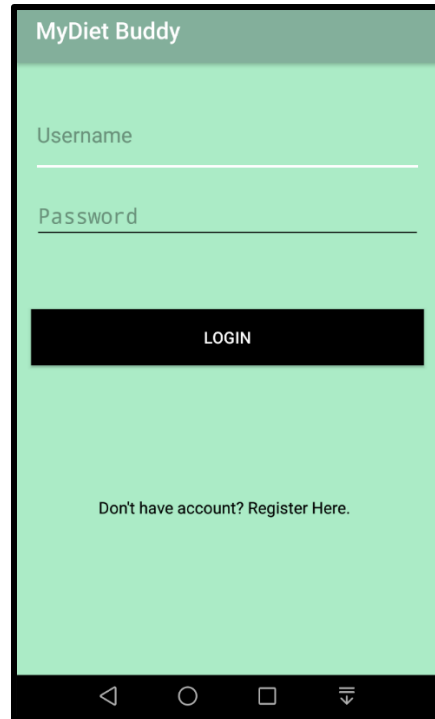


Homepage. It link to about us, sign up and sign in.



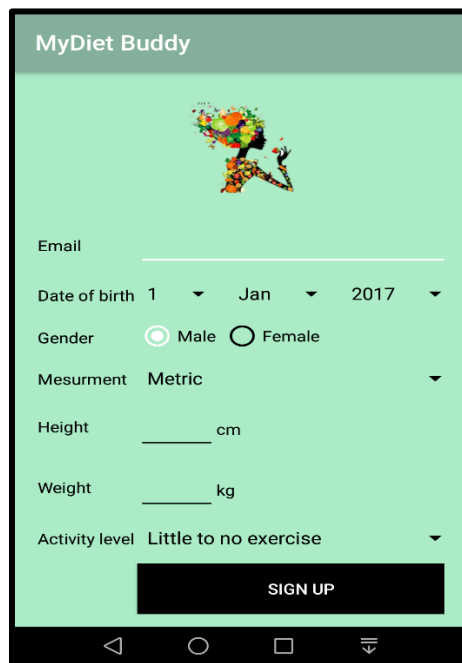
Shows if user click on 'about us' button, this page will show up. It shows user, mobile developer's name and all features of apps.

Shows if user doesn't have any account; user need to sign up first and fill name, username, password and age. After completed, click on 'register' button.



The image shows a mobile application interface for 'MyDiet Buddy'. At the top, there is a header bar with the text 'MyDiet Buddy'. Below the header, there are two input fields: 'Username' and 'Password'. A black button with the text 'LOGIN' is positioned below the password field. At the bottom of the screen, there is a link that says 'Don't have account? Register Here.' The entire interface is set against a light green background. The bottom of the screen shows a standard Android navigation bar with back, home, and recent apps icons.

Shows sign in page will show up. User must fill correct username and password. Then, click 'log in' button.



The image shows a mobile application interface for 'MyDiet Buddy' registration. At the top, there is a header bar with the text 'MyDiet Buddy'. Below the header, there is a colorful illustration of a person running, surrounded by various fruits and vegetables. Below the illustration, there are several input fields and dropdown menus: 'Email', 'Date of birth' (with dropdowns for day, month, and year), 'Gender' (with radio buttons for 'Male' and 'Female'), 'Mesurment' (with a dropdown menu for 'Metric'), 'Height' (with a text input field and 'cm' unit), 'Weight' (with a text input field and 'kg' unit), and 'Activity level' (with a dropdown menu for 'Little to no exercise'). A black button with the text 'SIGN UP' is positioned at the bottom right of the form. The entire interface is set against a light green background. The bottom of the screen shows a standard Android navigation bar with back, home, and recent apps icons.

user profile form. User needs to fill their email, DOB, gender, choose measurement in height and weight, and choose activity level. Then, click on 'sign up' button.

MyDiet Buddy



Target weight _____ kg


I want to loose weight ▼




Weekly goal 0.5 ▼ kg each week

LETS GO!

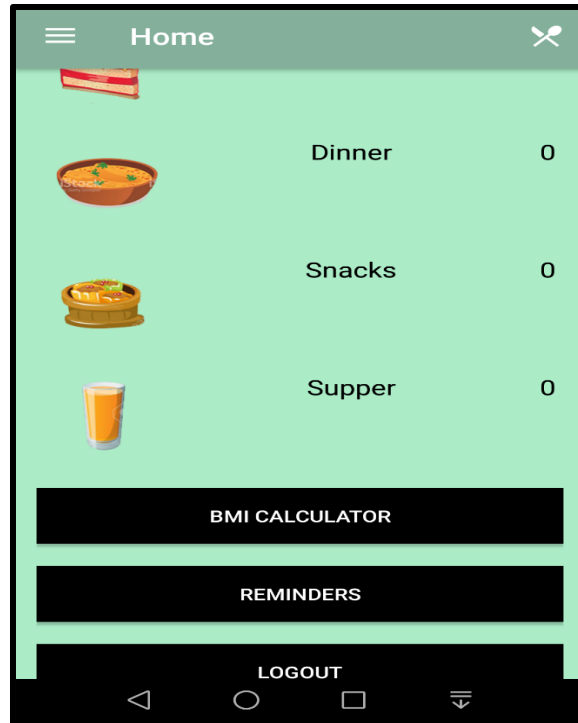
shows user must fill their target goal and choose goal categories and weekly goal. Then, click on 'let's go!' button.

Home

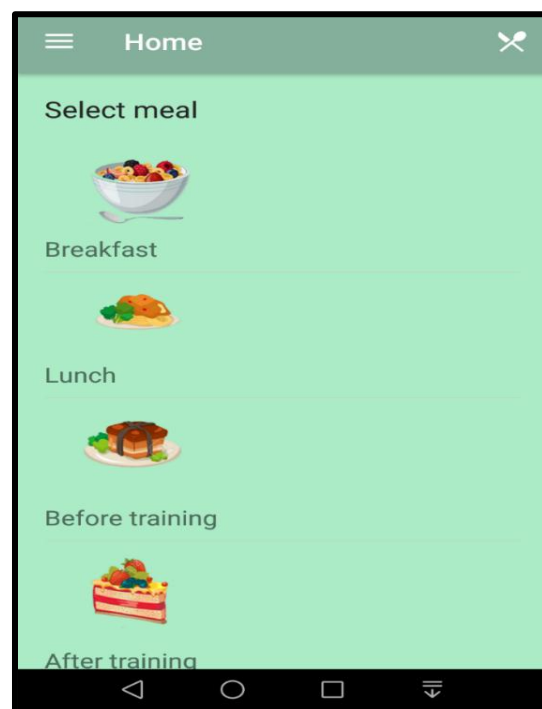


Goal with activity	Food	Sum
3278	0	3278
	Breakfast	0
	Lunch	0
	Before training	0
	After training	0

shows home page. It will show calories that user need to take. This based on user's BMI.



Shows there are BMI Calculator, reminders and logout button



shows there are optional home page. If user doesn't understand and don't want use that previous page , user can use this and click on the time meals.




shows user click categories in navigation drawer, this page will show up.



shows user can add food.

☰

Add Tomyam fried rice



Tomyam fried rice

Uncle Bens

Portion size

1

pack

Portion size

60

gram

ADD TO DIARY

60 gram = 1 pack.

Calories table

	Energy	Proteins	Carbs	Fat
Per 100 gram	344	8	73	2.2
Per meal	206	5	44	1

Shows user also can edit their food. Then, click on 'add to diary'. The food will kept and save in the food list. Furthermore, user can know all calories in the calories table.


MyDiet Buddy

Your Information:

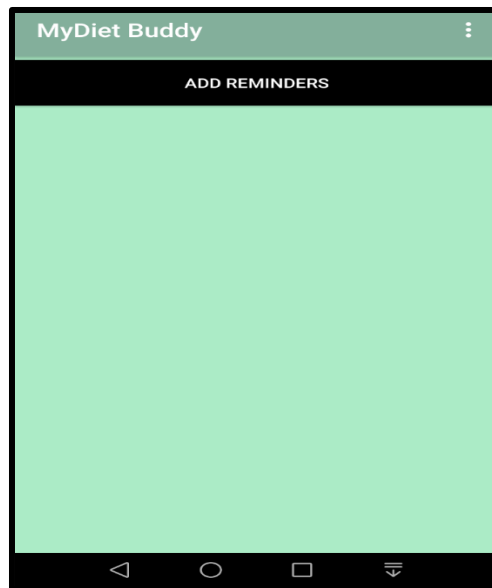
Height: cm

Weight: kg

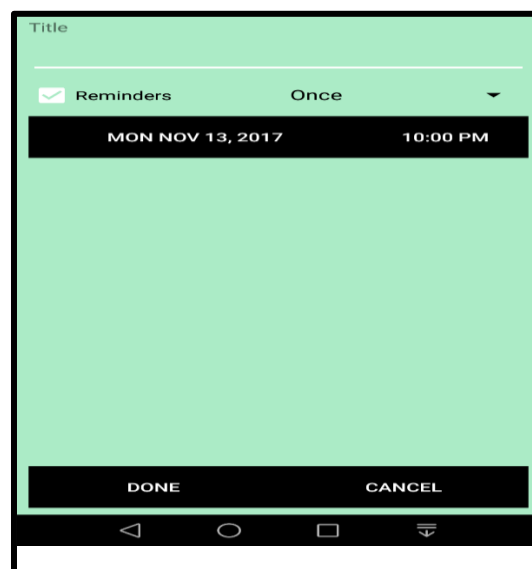
YOUR RESULT :

A circular blue icon with a white gauge and a red needle, with the letters 'BMI' in white in the center.

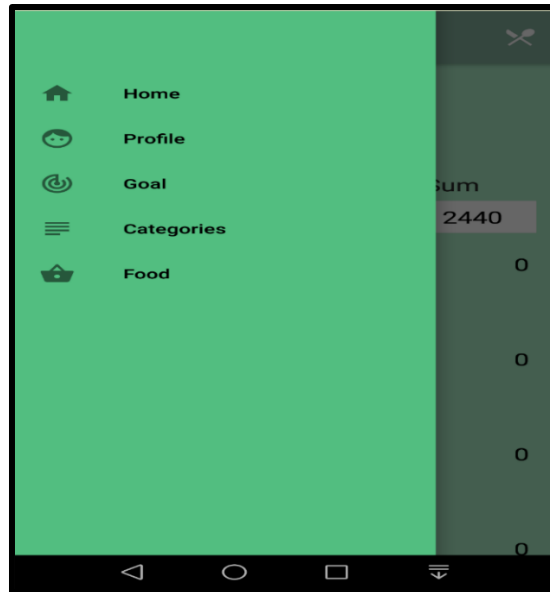
Shows BMI Calculation page. User need to fill their height and weight in metric measurement. After that, result will display user's body categories.



shows alarm reminder page. If user want add reminder, user must click on that button.



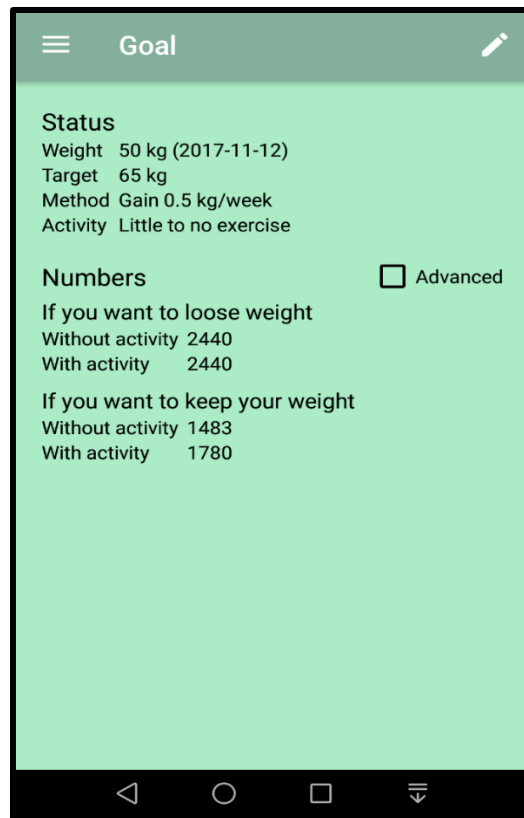
Shows user can write title, choose time and date. If user confirm, next, click on 'done' button.



Shows navigation drawer.

A screenshot of a mobile application interface showing a 'Profile' form. The title bar at the top is green and contains a hamburger menu icon and the word 'Profile'. The form has a light green background. It includes sections for 'Date of birth' with dropdowns for Day (1), Month (Jan), and Year (2017); 'General' with radio buttons for Gender (Male and Female, with Female selected); 'Mesurment' with a dropdown set to 'Metric'; and 'Height' with a text input field containing '189' and a unit label 'cm'. A black 'SAVE' button is positioned below the height field. The bottom of the screen shows the standard Android navigation bar.

Shows profile form. User can edit information if key in wrong.



Shows this page will show user's goal and number of calories need.

Goal

Status

Weight kg

Target weight kg

I want to ▼

Weekly goal ▼ kg each week

Activity level ▼

SAVE

Numbers

If you want to loose weight

	Energy	Proteins	Carbs	Fat
Without activity	2440	610	1220	610
With activity	2440	610	1220	610

If you want to keep your weight

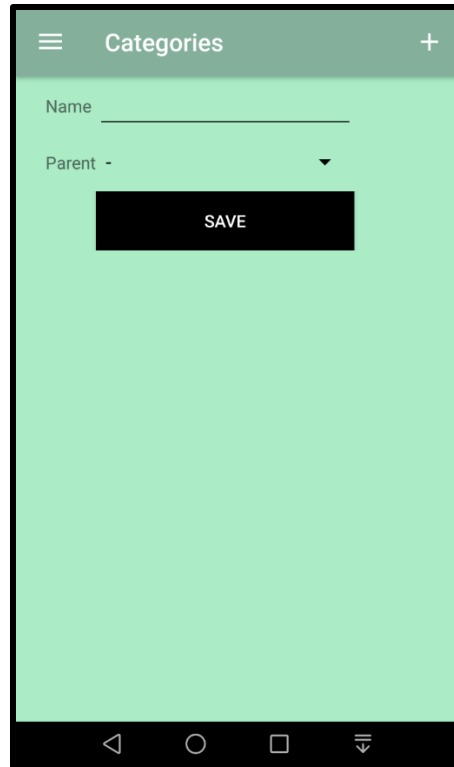
	Energy	Proteins	Carbs	Fat
Without activity	1483	371	742	371
With activity	1780	445	890	445

Show user can edit their goal.

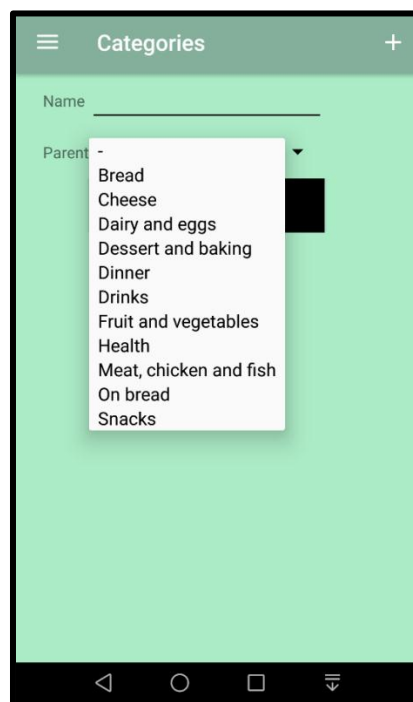
Categories

- Bread
- Cheese
- Dairy and eggs
- Dessert and baking
- Dinner
- Drinks
- Fruit and vegetables
- Health
- Meat, chicken and fish
- On bread

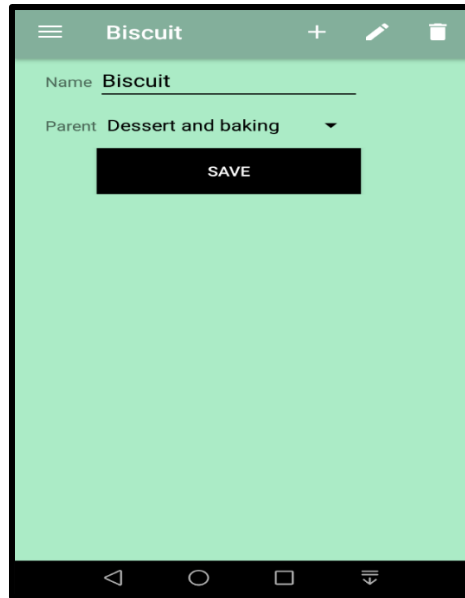
Shows categories page.



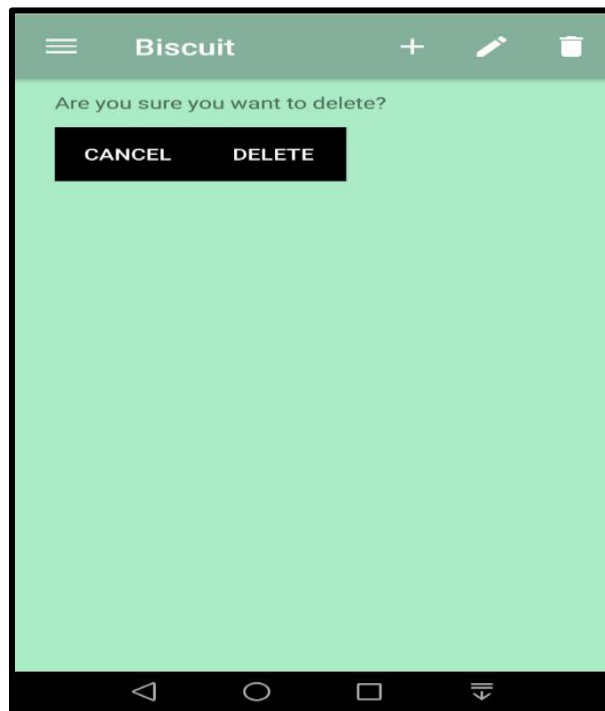
Shows user can add food in categories. User must fill name and choose food's parent (categories).



Shows categories of foods



Shows for example, user add biscuit as name and choose dessert and baking. After that, click on 'save' button.



Shows user also can delete food.

Food		
Aloha pizza	Pizza hut, 330 gram, 1 pizza	838
Asparagus	Nutrisystem, 50 gram, 1 pack	6
Baked beans	Marina, 420 gram, 1 can	487
Basil Chicken	Safeway, 430 gram, 1 can	393
Blueberry Raspberry Ice Cream	Booza, 30 gram, 1 cup	113
Boiled eggs	Nutri 100, 63 gram, 1 pcs	89
Brokkoli	Nutrisystem, 300 gram, 0.5 pack	99
Brown rice	Dapur Panas, 200 gram, 1 cup	245

shows food list. It will show number of servings and food calories.

Aloha pizza

Aloha pizza

Pizza hut

330 gram = 1 pizza.

Calories table

	Energy	Proteins	Carbs	Fat
Per 100 gram	254	10	23	13
Per meal	838	33	76	43

shows calories table.

Menu icon | Edit Aloha piz... | + | Edit icon | Delete icon

Manufacturer Pizza hut

Description _____

Barcode _____

Category

Main Dinner ▼

Sub Pizza ▼

Serving

Mesurment 330 gram

Word 1 pizza

Calories table

	Energy	Proteins	Carbs	Fat
Per 100 gram	<u>254</u>	<u>10</u>	<u>23</u>	<u>13</u>

SAVE

Android navigation bar

Shows user can edit information of food.

Menu icon | Edit Aloha piz... | + | Edit icon | Delete icon

Are you sure you want to delete?

CANCEL **DELETE**

Android navigation bar

shows user also can delete food.

Add food

+

Manufacturer

Meggi Ayam

Description

Nestle

Barcode

Category

Main

Dinner

▼

Sub

Noodle

▼

Serving

Mesurment

100

gram

Word

1

packet

Calories table

	Energy	Proteins	Carbs	Fat
Per 100 gram	250	85	69	58

SAVE

user also can add food that want. User must fill name, manufacturer, description, barcode, choose category, fill number of serving and fill calories table.