

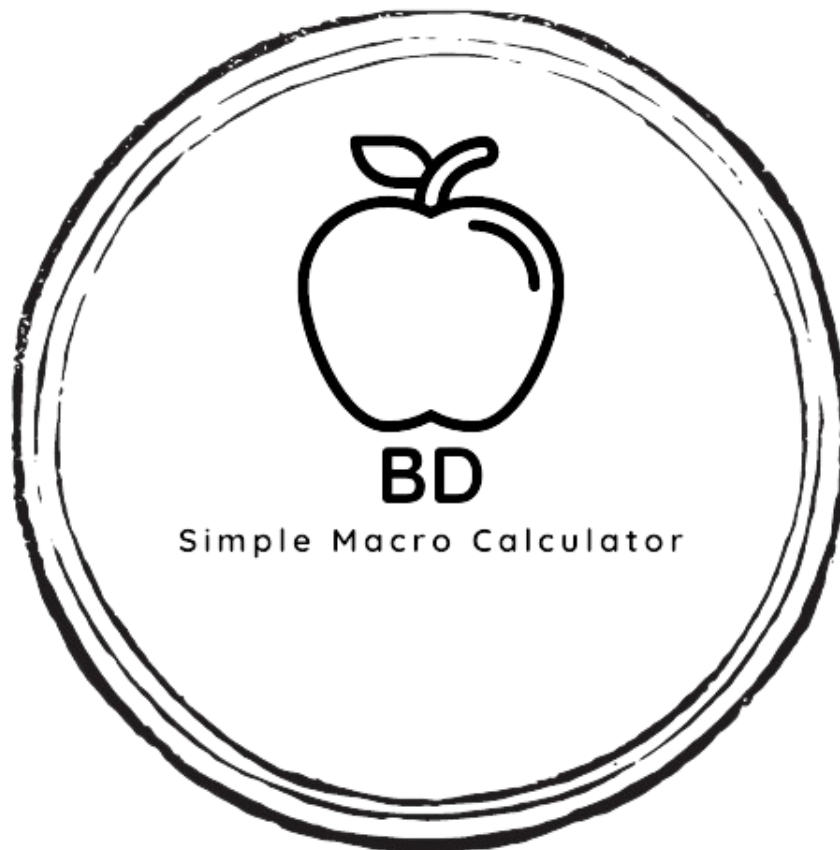
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BD Simple Macro Calculator

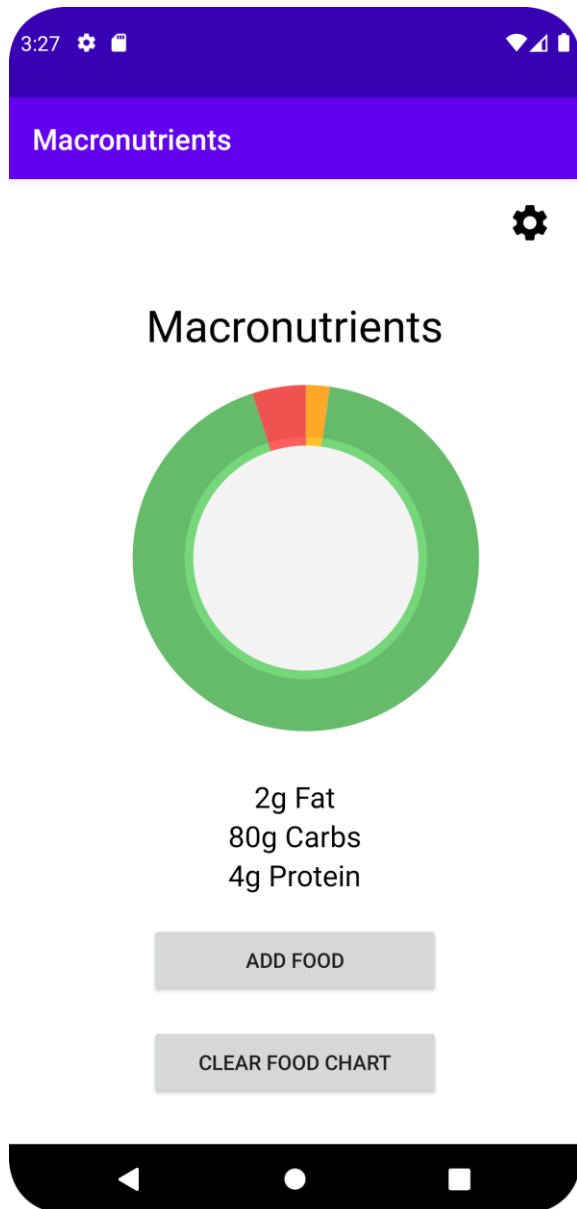


Description

The BD Simple Macro Calculator is an Android application that enables users to monitor their daily intake of macronutrients: carbohydrates, proteins, and fats. Users can log the foods they consume and see a detailed breakdown of these macros. The application is developed using Kotlin and Android Studio to provide a simple yet efficient interface, making it an ideal tool for anyone interested in understanding their dietary patterns.

Wireframe and Storyboard

Main Screen



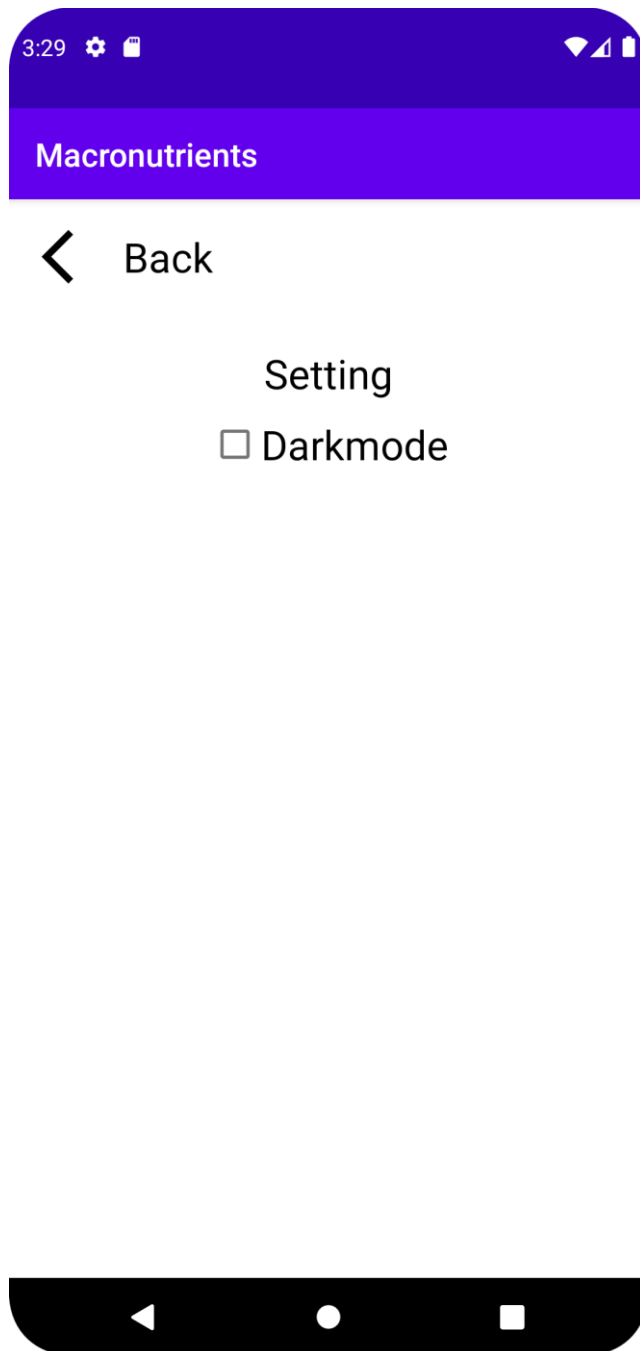
- Pie Chart Display: Shows the distribution of fats, carbohydrates, and proteins.
- Macronutrient Details: Displays the exact grams of fats, carbohydrates, and proteins consumed.
- Add Food Button: Allows users to navigate to the food entry screen.
- Clear Food Button: Allows users to clear food entries.

Food Entry Screen

The screenshot shows a mobile application interface for entering food data. At the top, a purple header bar contains the title "Macronutrients". Below the header, there is a "Back" button with a left-pointing arrow. A search bar labeled "Search" is positioned above a list of food items: "Apple", "Chicken", and "Rice". Below the list, a section titled "Enter New Food" contains four input fields for "Name", "Fat", "Carbs", and "Protein". At the bottom of this section is a grey button labeled "ADD FOOD". The entire interface is set against a white background with a black Android-style navigation bar at the very bottom.

- Search Bar: Users can search for existing foods in the database.
- Food List: Displays a list of foods matching the search criteria.
- New Food Entry: Allows users to enter the name and macronutrient content (fats, carbohydrates, proteins) of a new food item.

Settings Screen



- Dark Mode Toggle: Users can switch between light and dark mode for the app interface.