User Manual for FreshLens

Welcome to FreshLens, your personal guide to exploring the nutritional world of fruits through your camera lens. This manual will help you navigate the app's features and functionalities, ensuring a seamless and enriching user experience.

1. Welcome Screen

When you open FreshLens, you are greeted by the Welcome Screen, where you can:

- **Sign In:** Enter your credentials if you already have an account.
- **Sign Up:** If you're new, follow the registration process to create your account and start exploring.

2. Main Interface

After you log in, you will see the main interface of the app, which you can navigate using the bottom navigation bar. This bar includes three icons for the main screens: Favorites, Camera, and Profile.

Navigation Bar Layout:

- **Favorites Icon (Left)**
- **Camera Icon (Center)**
- **Profile Icon (Right)**

3. Favorites Screen

This screen is a gallery of your captured fruit images, each a vibrant testament to your previous explorations.

- **View Nutritional Values:** Tap on any fruit image to access detailed information about its nutritional content, including vitamins, minerals, and caloric value.

4. Camera Screen

The Camera Screen is where the magic happens. It's the core feature of FreshLens for capturing and analyzing fruits.

- **Capture and Analyze:** Point the camera at any fruit and snap a photo. FreshLens will analyze the image and instantly provide the fruit's name and detailed nutritional benefits.

5. Profile Screen

The Profile Screen is your personal space within FreshLens, where you can view and update your user details and engage with community challenges.

- **User Details:** Your profile photo and name are displayed at the top. Tap here to edit your username, password, and other settings.
- **Challenges:** Below your personal details, find various engaging challenges you can join to deepen your knowledge and have fun with the community.

Navigating the App

- **Bottom Navigation Bar:** Use this to switch between the Favorites, Camera, and Profile screens efficiently.
- **Interactive Favorites:** In the Favorites screen, tapping a fruit image opens up a detailed view of its nutritional profile.