



**Technological Institute of the Philippines Quezon City**

**College of Computer Studies**

**SafePlate: A Mobile Application for Personalized Allergen-Free Recipe Recommendations  
of Philippine Food Utilizing Random Forest Algorithm  
(USER MANUAL)**

***CS 304 - Final Project***

In partial fulfillment for the course

**CS 304 –Software Engineering 2**

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# SAFEPLATE USER MANUAL

## 1. Account Creation

To start using the SafePlate app, first, create an account. Provide the necessary details and set a secure password.

If you forget your password at any point, use the 'Forgot Password' feature to change it.

## 2. Login

After account creation, proceed to the login screen. Enter your details and access your personalized SafePlate dashboard.

## 3. Select Allergens

Once logged in, select from the given 9 allergens that you're allergic to. After making your selection, click 'Next' to proceed to the Home screen.

## 4. Navigating the Home Screen

The Home Screen is your main interface:

- It offers a clickable image leading to the Cuisine Screen.
- You'll see a list of recommended allergen-free dishes.
- There's also a list of dishes tailored to your specific tastes.

## 5. The Cuisine Screen

This screen displays a list of foods. You can click on a food item to rate it, which will reflect on the Home Screen. It also offers a list of allergens and substitute allergens.

## 6. Navigating the Profile Screen

This screen displays the history of the dishes you've clicked on and also contains four features:

- Favorites: A page detailing your favorite foods.
- Contact Us: Page available for user inquiries or feedback.
- Settings: Page allowing users to customize and control their account settings.
- About Us: Brief page outlining the goals and creators of the SafePlate app.
- Logout: Button allowing users to securely login out of their account.

**PS: SafePlate app uses the Random Forest Algorithm to generate personalized allergen-free recipe recommendations. Enjoy exploring delicious and safe Filipino cuisine!**