CSI 248 React Native Course Final Project Proposal

Project Title: Simple Personalized Meal Planner (The project name is selected as suggested by instructor Josh)

Introduction: The "Simple Personalized Meal Planner" app is designed to simplify your meal preparation process. It's all about creating and enjoying personalized meals with ease.

Features and Functionality:

User Registration: Sign in or register.

Date Selection: Choose meal planning dates.

Recipe Search: Discover recipes using keywords, ingredients, or dietary preferences.

Meal Planning: Create personalized breakfast, lunch, dinner, and snack plans.

Shopping Lists: Generate shopping lists efficiently from selected recipes.

Meal Reminders: Receive daily meal plan reminders.

Meal Photos: Capture prepared meal photos for records.

User Flow:

User Registration: Log in or create an account.

Date Selection: Choose a date for meal planning.

Recipe Search: Find recipes or meal plans.

Meal Planning: Select recipes to create personalized meal plans.

Shopping List Generation: Auto-generate and manage shopping lists.

Meal Notifications: Receive daily meal reminders.

Meal Photography: Capture meal photos for a visual diary.

Possible Components:

1. App.jsx: Main app component.
2. UserLogin.jsx: User authentication.
3. DateSelect.jsx: Date selection.
4. RecipeSearch.jsx: Recipe search and browsing.
5. MealPlan.jsx: Meal planning and customization.
6. ListBuy.jsx: Shopping list generation and management.
7. MealNotify.jsx: Daily meal notifications.
8. PictureTake.jsx: Meal photo capture and association.