App Title: FoodiePal - Culinary Companion

Project Description

Develop an enticing Android app using Kotlin, titled "FoodiePal - Culinary Companion." This app is designed to be a comprehensive platform for food enthusiasts, offering features such as exploring recipes, meal planning, reading food blogs, and learning more about the app creator through an "About Me" section. The app will leverage Material Design principles, Fragments, RecyclerView, Shared Preferences, FloatingActionButton, Menu, and other key concepts from the lessons.

Ensure the app has a user-friendly and intuitive design, with clear navigation and feedback for user actions. This project will provide a holistic culinary experience, allowing users to explore, create, and share their love for food in an interactive and personalized way.

Key Features

1. User Authentication with Shared Preferences:
    - Design a secure authentication system to enter the app.
    - Implement user authentication with proper validation and securely store login credentials using SharedPreferences.

2. Tab Layout with five Fragments: Recipes, Meal Planner, Blog, Contact, About Me:
    - Implement a Tab Layout with six tabs, each corresponding to a Fragment focusing on different aspects of the culinary experience.

3. Recipes Fragment with Dynamic RecyclerView:
    - Display a dynamic list of recipes using RecyclerView.
    - Include images, cooking time, and user ratings for each recipe.
    - Implement a FloatingActionButton in this tab to allow users to dynamically add new recipes.

4. Meal Planner Fragment:
    - Provide a meal planning feature with the ability to schedule meals for specific days.
    - Include a calendar or recycler view for users to visualize and plan their weekly meals.

5. Blog Fragment with Dynamic Content:
    - Create a dynamic blog section with regularly updated content.
    - Allow users to read and comment on blog posts.
    - Use a FloatingActionButton to let users contribute new blog posts.

6. <mark>Contac</mark>t Fragment
   - Allow users seamless ways to reach out, ask questions, or simply engage with the culinary maestro.
        i. Phone Connection
            Dial the chef directly with a single tap on the provided phone number, fostering immediate and direct communication.
        ii. Email Communication
            For more detailed inquiries or to share your thoughts, the ContactFragment features a direct email link. One-click, and you can compose an email to the chef, providing a convenient channel for extended conversations.

7. <mark>Abou</mark>t Me Fragment:
   - Include details about the app creator's culinary journey, favorite recipes, and food philosophy.
   - Add a FloatingActionButton to add new details dynamically.

8. <mark>Bottom Navigation</mark> for Quick Access:
   - Implement a Bottom Navigation bar for quick navigation between the main sections of the app.

Additional Considerations.   [3 points extra]
   - Apply a visually engaging theme with food-inspired graphics and animations.
   - Integrate a social sharing feature for users to share their favorite recipes or blog posts.

Sample Screenshots (Feel free to modify with creative design and content)

MainActivity.kt — TabLayout, ViewPager2, BottomNavigationView

Add new recipe dialog

Meal Planner

Bright Gee Varghese