1 PantryPal Mobile Application

  1.1 Inventory Management
        1.1.1 Add food items manually
        1.1.2 Scan barcodes to add products
        1.1.3 Scan receipts for quick inventory input
        1.1.4 Categorize and sort food items
        1.1.5 Easily search for items in inventory

  1.2 Caloric Intake Tracking
        1.2.1 Set dietary goals for daily caloric intake
        1.2.2 Record food consumption throughout the day
        1.2.3 Receive real-time updates on caloric intake
        1.2.4 Suitable for health and weight management

  1.3 Recipe Recommendations
        1.3.1 Suggest recipes based on available inventory
        1.3.2 Encourage users to prepare meals with existing items
        1.3.3 Promote efficient use of food resources

  1.4 Notifications and Expiry Alerts
        1.4.1 Alert users about approaching expiry dates
        1.4.2 Prevent food waste by timely notifications

  1.5 Reporting and Insights
        1.5.1 Provide detailed reports on food consumption
        1.5.2 Analyze and track eating habits
        1.5.3 View weekly or monthly summaries
        1.5.4 Make informed decisions about diet

  1.6 Social Sharing
        1.6.1 Share healthy eating habits on social media
        1.6.2 Connect with friends and followers
        1.6.3 Promote good food management practices

  1.7 All-in-One Solution
        1.7.1 Manage food inventory
        1.7.2 Track caloric intake
        1.7.3 Receive recipe suggestions
        1.7.4 Reduce food waste
        1.7.5 Gain insights into dietary habits
        1.7.6 Promote healthy eating on social media
        1.7.7 Simplify and enhance food management
        1.7.8 User-friendly and versatile mobile application