REQUIREMENT GATHERING

Date: 15-01-2025

1. Project Overview

This project aims to create a personal assistant website that integrates to-do lists, an expense tracker, health reminders, and a calendar into a single, user-friendly system. By consolidating these essential utilities, it addresses the inefficiency of using multiple platforms, helping users enhance productivity, streamline daily tasks, and gain insights through analytics while promoting healthy habits.

2. System Scope

The system is proposed as a **full-scale implementation** designed for real-world use. It will include a prototype for initial testing and iterative development based on user feedback.

3. Target Audience

- **Primary Users:**
  Individuals seeking a holistic productivity tool to manage their daily lives effectively.
- **Stakeholders:**
  Organizations or developers interested in licensing or integrating the system.

4. Modules

Key Modules and Functionalities:

1. **To-Do List:** Task creation, categorization, and reminders.
2. **Expense Tracker:** Expense logging, budget management, category breakdowns, and analytics.
3. **Health Reminders:** Hourly water drinking reminders, exercise prompts, and suggestions for healthy habits.
4. **Calendar:** Schedule meetings, manage events, sync with Google/Microsoft calendars.
5. **User Profile:** Personal settings, theme customization, and account management.

5. User Roles

Roles and Access Levels:

1. **Standard User:** Access and use all personal features (e.g., to-do lists, trackers).

2. **Admin:** System monitoring, issue resolution, and user support.

6. System Ownership

The system is owned by the development organization.

7. Industry/Domain

The system falls under the **technology and productivity tools domain** with cross-industry applications, including **healthcare, personal finance, and daily planning**.

8. Data Collection Contacts

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9. Questionnaire for Data Collection

Questions for Users and Experts:

1. What daily tasks do you struggle to manage effectively?
    Managing work tasks
    Keeping track of appointments
    Budgeting/expenses

2. Which features (to-do lists, expense tracking, health reminders, etc.) would be most valuable to you?
    To-do lists
    Expense tracking
    Health reminders (e.g., water intake, exercise)
    Calendar management

3. How often do you use digital tools for personal organization?
   Multiple times a day

4. What kind of notifications/reminders would you prefer?
   Push notifications on my phone
   Email reminders

5. Would you like the system to provide tips or insights based on your data (e.g., expense trends, productivity patterns)?
   Yes, definitely

6. What expense categories would you like tracked?
   Food and groceries
   Transportation
   Bills (e.g., utilities, rent)
   Entertainment
   Shopping (clothes, electronics, etc.)

7. Do you prefer visual dashboards or detailed reports for insights?
   Visual dashboards (graphs, charts)

8. How important is data privacy and security for you?
   Important

9. What health reminders (e.g., water intake, exercise) would be helpful in your routine?
   Water intake reminders
   Exercise reminders (e.g., daily steps, workout sessions)
   Sleep tracking and reminders
   Medication reminders
   Mental health check-ins (e.g., stress levels, mindfulness)
   Eating habits reminders

10. Are there any existing systems that seamlessly integrate features like to-do lists, expense tracking, calendars, and health assistance into a single platform?
    No