**Meeting Notes: Centralized Schedule and Reminder Management System**

**Date: 9/28/2024  
Attendees: Zelda Rose, Matt Zerger, Ming Hon Lee, Kong Yang**

**1. Overview of Project**

* **Project Name: Centralized Schedule and Reminder Management System**
* **Objective: Develop a web-based and potentially mobile-enabled system that allows users to manage and organize schedules, tasks, and reminders efficiently.**
* **Key Features:**
  + **User account management**
  + **Task categories and task creation**
  + **Reminder setup (notifications via email, SMS, push notifications)**
  + **Event query and search features**

**2. Action Items**

**Use-Case Diagram Creation**

* **Tool: StarUML**
  + **The use-case diagram was created today, reflecting the following use cases:**
    1. **Create Account: User creates and manages their account.**
    2. **Login: User logs in to access their schedules and tasks.**
    3. **Create Category: User creates customizable categories for tasks.**
    4. **Add Task: User adds specific tasks (e.g., Car Registration, Dental Check-up).**
    5. **Set Reminder: User sets reminders for tasks with various notification methods.**
    6. **View Upcoming Tasks: User queries upcoming tasks and events.**
    7. **Search Tasks: User searches for specific tasks by category or keyword.**
    8. **Manage Account Settings: User can update personal information and preferences.**
    9. **Receive Reminder Notifications: The system sends reminders automatically.**

**3. Technology Stack Discussion**

**Backend:**

* **The decision on which backend framework to use (Flask vs. Django) is still pending. Further discussions are required to assess the needs and scalability of the system.**

**Database:**

* **SQL Database: The team has decided to use an SQL-based database for data storage. The specific SQL database (e.g., MySQL, PostgreSQL) will be determined in the next steps, with consideration for scalability and system requirements.**

**4. Next Steps**

* **Action Item 1: Decide on the technology stack (backend framework and database) based on project needs.**
  + **Owner: Everyone**
  + **Due Date: Next Meeting**
* **Action Item 2: Make a decision on the backend framework based on project needs.**
  + **Owner: Everyone**
  + **Due Date: Next Meeting**
* **Action Item 3: Confirm the specific SQL database to be used and proceed with setup.**
  + **Owner: Everyone**
  + **Due Date: Next Meeting**
* **Action Item 4: Refresh on GIT**
  + **Owner: Everyone**
  + **Due Date: Next Meeting**

**5. Conclusion**

**The UML diagram was successfully created today. The decisions regarding the backend and database are still under review, and further discussion is needed before finalizing the stack.**