**Project Meeting #3**

**Meeting agenda**

1. **Project Overview and Progress:**
   * Recap of the first two weeks:
     + Research on sensors, data gathering, and Figma design for five screens (Launching screen, Welcome page, Sign-up page, Login page, User dashboard).
     + Sensor experiments and partial interface development, with most interfaces completed in week 2.
   * Recap of week 3:
     + Remaining tasks from week 2 were completed (except the logout button on the dashboard, which is planned for this week).
2. **Remaining Work for Week 3:**
   * **Logout Button Implementation** on the User Dashboard screen.
   * **Bluetooth Connectivity**:
     + Pairing between Raspberry Pi and the Android app.
     + Use Android's Bluetooth API for communication with the smell sensor.
   * **Dashboard Enhancements**:
     + Adding real-time visualization for humidity, temperature, and smell data.
     + Implement buttons to trigger sensor readings and display the results on the dashboard.
3. **Work for Week 4:**
   * **Smell Recognition Integration**:
     + Implement pre-trained ML models to classify basic smells (e.g., coffee, ammonia).
     + Integrate a button to classify smells after capturing data.
   * **Event Logging and Data Export**:
     + Log events during measurements and provide an option to export sensor data (e.g., CSV format).
   * **UI Refinements**:
     + Finish any interface and user experience improvements after the integration of key features.
4. **Timeline and Resource Allocation:**
   * **Week 3** (Current Week):
     + Logout button and interface refinement (1 member).
     + Bluetooth connectivity (2 members).
     + Dashboard advancements (2 members).
   * **Week 4**:
     + Smell recognition integration (2 members).
     + Event logging and data export (2 members).
     + Final UI tweaks and testing (2 members).

**Updated Timeline:**

* **Week 1** (Completed): Sensor research and Figma design.
* **Week 2** (Completed): Sensor experiments, interface development (logout button moved to week 3).
* **Week 3** (Current):
  + Logout button implementation: 1 day.
  + Bluetooth connectivity: 2 days.
  + Dashboard real-time sensor data integration: 2-3 days.
* **Week 4**:
  + Smell recognition model integration: 3 days.
  + Event logging and data export: 2 days.
  + UI refinements and final testing: 2 days.