**Project Documentation**

1. **Medicine Reminder:**

- Functionality: Sends timely reminders via SMS or WhatsApp for elderly users.

- Confirmation Feature: Alarms with a confirmation request. Non-response or negative response triggers notifications to emergency contacts.

2. **Emergency Alerts:**

- Location Sharing: In emergencies, shares user location with designated contacts.

- Assistance Coordination: Facilitates quick assistance and care coordination.

3. **Locate Nearby Hospitals:**

- Geolocation Feature: Assists in finding nearby hospitals based on the user's current location.

- Information Provided: Offers distance and direction details for each hospital.

4. **Emergency Video Call:**

- Communication Feature: Enables video calls during emergencies.

- Technology Used: Utilizes WEBrtc for seamless video communication.

5. **Doctor Appointments:**

- Appointment Tracking: Helps users manage and track doctor appointments through reminders.

- Notification to Contacts: Informs designated contacts about upcoming appointments.

6. **Notes:**

- Note Management: Allows users to input and organize important notes within the app.

- Priority Arrangement: Notes are arranged based on user-specified priorities.

7. **Track:**

- Health Vitals Monitoring: Enables tracking of vital health statistics like sleep, weight, blood pressure, and sugar levels.

- Graphical Representation: Provides graphical representations based on regular data.

8. **Document Storage:**

- Organizing Personal Documents: Facilitates the organization of personal documents, including IDs, journals, medical contacts, and insurance information.

- Security Measures: Ensures secure upload and storage of personal documents.

9. **Website Design:**

- Streamlit Framework: The website is designed using the Streamlit framework.

- Navigation Bar: Includes a side navigation bar for easy access to various features.

10. **Phone Drop Detection (POC):**

- Gyroscope Data Utilization: Demonstrates phone drop detection using gyroscope data.

- Authenticity Assurance: Ensures the authenticity of gyroscope data, with a provided link for justification.

11. **Technological Stack:**

- Programming Language: Python is used as the primary programming language.

- Notification API: Twilio API is employed for sending WhatsApp and SMS notifications.

- Database: Google Sheets serves as the database for storing daily records.