Uboho Mobile App — Privacy, Settings, and Ethics Document

1. Introduction

Welcome to the Uboho Patient App. This application is designed to monitor your motion and rotation activity through your phone's sensors and provide real-time predictions and alerts related to seizure risk. This document explains how your data is used, how your privacy is protected, and your rights regarding the emergency features built into Uboho.

2. How the App Works

2.1 Real-Time Seizure Monitoring

Uboho continuously analyzes your device's motion (accelerometer) and rotation (gyroscope) data using a machine learning model. When unusual activity patterns are detected, it may trigger a seizure alert.

2.2 Emergency Alert Protocol

If a seizure risk is predicted, a countdown dialog appears. If you do not decline it within 10 seconds, Uboho will:

- Send a seizure alert message to your assigned doctor

- Email your primary emergency contact with your live location

- Log the seizure event securely in your medical record

You may manually cancel the alert if it was a false alarm. This upholds your autonomy.

2.3 In-App Communication

You may chat with your assigned doctor using an encrypted messaging system. This is meant for health-related communication and should not replace urgent care or emergency calls.

3. Privacy and Data Protection

3.1 What Data We Collect

- Sensor data from your phone's gyroscope and accelerometer

- Your approximate location during emergencies

- Basic identification (email, name)

- Messages sent to and from your doctor

- Notification activity (when you open and read alerts)

3.2 Data Encryption

All your data is protected using advanced encryption protocols. Communication between your phone and the cloud is secured using TLS (Transport Layer Security), and chat data is encrypted at rest using AES-256.

3.3 Who Can See Your Data

- Only your assigned medical professional (doctor) has access to your alerts and messages.

- Only your designated emergency contact(s) will receive your location during a seizure event.

- No one else can access your sensor data, location, or health messages.

3.4 Your Consent and Control

You may:

- Decline a seizure alert before it sends messages

- Add, remove, or edit emergency contacts

- Request deletion of your data by emailing Uboho support

- Opt out of sensor collection by closing the app (although seizure prediction will stop)

4. Ethical Commitments to You

4.1 Respect for Autonomy

You have full control over emergency alerts. No messages or location data will be sent unless you allow the countdown to complete or explicitly press the "Confirm" button during a seizure risk.

4.2 Duty of Care

Uboho's systems are designed to protect—not surveil—you. Doctors are ethically bound to respond to your alerts quickly and only use your data to assist your well-being.

4.3 Emergency Contact Notification

Only one emergency contact (the one marked as primary) receives notifications, and only during real seizure events. They will receive:

- A message with a timestamp

- Your current GPS location

- A secure Google Maps link

5. Compliance and Legal Responsibility

5.1 Data Regulations

Uboho complies with:

- **HIPAA-equivalent data standards** (Rwanda and global privacy regulations)

- **eHealth Rwanda data policies**

- **GDPR-level encryption and control**, ensuring your right to be forgotten

We do **not**:

- Sell or share your data with any third party

- Use your data for advertising

- Track your location outside of emergencies

5.2 Limitations of Liability

Uboho is a predictive tool, not a diagnostic device. While it may alert you in time to get help, it should **not** be used as a substitute for medication or direct medical care.

6. Settings and Notifications

6.1 Push Notifications

You can turn on or off push alerts (those that appear even when the app is closed). These may include:

- Seizure alerts

- Location sharing confirmation

- New messages from your doctor

You can manage this in **Settings > Notifications**.

6.2 Notification Center

Your app stores all notifications under the bell icon on the home screen. These are separated into:

- **Unread**: urgent or unseen messages

- **Read**: already viewed records of past alerts

7. Contact and Complaints

If you believe your data was mishandled or you have privacy concerns, contact our Data Protection Officer at:

✉️ i.essien@alustudent.com

We respond to all privacy requests within 7 business days.

8. Final Commitment

Uboho is built to save lives with respect, dignity, and transparency. Your data belongs to you. We exist to serve you—not exploit you. Every seizure alert, contact message, and location ping is made in your interest and under your control.