Afya-Pulse is an AI-powered patient triage and real-time surveillance system. It connects frontline nurses using the **Nurse Kiosk** with health administrators monitoring the **Command Center**.

2. Getting Started

2.1 Logging In

1. Access the secure portal.
2. Enter your **Email Address** (e.g., name@moh.go.ke).
3. Enter your **Password**.
4. Click the blue **Sign In** button.
   - Alternative: You can also use **Sign in with Google** if your MoH account is linked.
   - Troubleshooting: Click **"Forgot?"** if you need to reset your credentials.

2.2 Navigation

Once logged in, use the top navigation bar to switch between views (permissions permitting):

- **Nurse Kiosk:** For patient intake and triage.
- **Command Center:** For overall system monitoring.

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3. For Nurses: The Nurse Kiosk

The Nurse Kiosk uses Artificial Intelligence to analyze patient urgency based on symptoms.

3.1 Patient Intake Form

Fill in the following demographics and clinical details:

1. **Patient Age:** Enter age (e.g., 45).
2. **Gender:** Select from the dropdown.
3. **Patient Phone Number:** Enter contact (e.g., 0712 345 678).
4. **Location (County):** Select the patient's county of residence.
5. **Symptoms Description:** Type a detailed description of the patient's condition. The AI uses this text to determine urgency.

3.2 Triage Guidelines & AI Analysis

The system automatically categorizes patients into three urgency levels:

- 🔴 **RED (Life-threatening):** Immediate medical intervention required.
- 🟡 **YELLOW (Urgent):** Condition needs attention but is not immediately critical.

- 🟢 **GREEN (Self-care):** *Stable condition suitable for home care or pharmacy advice.*

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4. For Doctors & Admins: The Command Center

The Command Center provides a "Real-time Surveillance Network" view.

4.1 System Monitoring

Monitor the top four performance indicators:

- **Total Reports:** *Aggregate count of all triaged patients.*
- **Critical Alerts:** *Number of "Red" cases currently identified.*
- **Avg Response Time:** *Tracking system efficiency (e.g., 0m).*
- **Medics Online:** *Number of active staff.*

4.2 Geospatial Surveillance

*View the **Active Hotspots** map (labeled LIVE) to visualize disease outbreaks or high-traffic areas across the region.*

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5. Managing Patient Alerts (Doctor's View)

*Doctors manage active cases through the **Incoming Alerts** panel.*

5.1 Interpreting the Alert List

Each active alert displays the following critical information:

- **Response Time:** *Shows when the report came in (e.g., "03:28 PM Just now"). A red vertical bar indicates urgency.*
- **Severity:** *Color-coded badges (e.g., **RED** for critical).*
- **Origin:** *The patient's location (e.g., "Bomet").*
- **Symptom Report:** *A summary including age, sex, and primary complaint (e.g., "[Age: 22, Sex: Male] severe bleeding").*

5.2 Taking Action

You can perform three main actions directly from the dashboard:

1. **Call:** *Click the pink phone button to initiate a voice call with the reporter/patient.*
2. **Chat:** *Click the green chat button to open a text channel.*
3. **Resolve Case:** *Once treated or transferred, click the dark green **Resolve Case** button to remove the item from the pending list.*

6. Support

If you encounter issues or need training:

1. *Locate the **Need Assistance?** card on the login page.*
2. *Click **"System Status"** to check for outages.*
3. *Click **"Contact Support"** for direct help.*