

Options:

- [1] Normal simulation
- [2] Random simulation
- [3] Danger simulation
- [4] Edge-case simulation
- [5] Manual entry mode
- [s] Manual SOS
- [q] Quit

Select: q

Exiting... Stay safe!

PS C:\Users\Mohit Yadav\Downloads> █

Select: 2

[INFO] Simulation started (random). Press Ctrl+C to stop.

[2025-11-21 21:08:34] HR: 65 | Temp: 39.3°C | SpO2: 88% --> Critical
=> Temp critical (39.3°C); SpO2 critical (88%)

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CRITICAL ALERT - SOS TRIGGERED

Time: 2025-11-21 21:08:34

Detected critical vitals -> HR: 65 bpm, Temp: 39.3°C, SpO2: 88%

Note: Temp critical (39.3°C); SpO2 critical (88%)

Calling emergency services (SIMULATION)...

Ambulance: 102

Caregiver: Family (999999999)

!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

[INFO] Returning to menu...

Options:

- [1] Normal simulation
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- [s] Manual SOS
- [q] Quit

Select: 5

Manual Entry Mode. Type 'back' to exit.

Heart Rate: 45

Temperature °C: 40

SpO2 %: 34

[2025-11-21 21:11:02] HR: 45 | Temp: 40.0°C | SpO2: 34% --> Critical
=> Temp critical (40.0°C); SpO2 critical (34%)

Trigger SOS? (y/n): █

Select: 3

[INFO] Simulation started (danger). Press Ctrl+C to stop.
[2025-11-21 21:08:53] HR: 135 | Temp: 39.4°C | SpO2: 88% --> Critical
=> HR critical (135 bpm); Temp critical (39.4°C); SpO2 critical (88%)

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CRITICAL ALERT - SOS TRIGGERED

Time: 2025-11-21 21:08:53

Detected critical vitals -> HR: 135 bpm, Temp: 39.4°C, SpO2: 88%

Note: HR critical (135 bpm); Temp critical (39.4°C); SpO2 critical (88%)

Calling emergency services (SIMULATION)...

Ambulance: 102

Caregiver: Family (9999999999)

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[INFO] Returning to menu...

Manual Entry Mode. Type 'back' to exit.

Heart Rate: 45

Temperature °C: 40

SpO2 %: 34

[2025-11-21 21:11:02] HR: 45 | Temp: 40.0°C | SpO2: 34% --> Critical
=> Temp critical (40.0°C); SpO2 critical (34%)

Trigger SOS? (y/n): y

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CRITICAL ALERT - SOS TRIGGERED

Time: 2025-11-21 21:11:21

Detected critical vitals -> HR: 45 bpm, Temp: 40.0°C, SpO2: 34%

Note: Temp critical (40.0°C); SpO2 critical (34%)

Calling emergency services (SIMULATION)...

Ambulance: 102

Caregiver: Family (999999999)

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Select: 1

[INFO] Simulation started (normal). Press Ctrl+C to stop.

[2025-11-21 21:07:01] HR: 73 | Temp: 36.6°C | SpO2: 96% --> Normal
=> All vitals within normal range

[2025-11-21 21:07:03] HR: 73 | Temp: 36.8°C | SpO2: 97% --> Normal
=> All vitals within normal range

[2025-11-21 21:07:05] HR: 73 | Temp: 36.7°C | SpO2: 97% --> Normal
=> All vitals within normal range

[2025-11-21 21:07:07] HR: 65 | Temp: 36.5°C | SpO2: 95% --> Normal
=> All vitals within normal range

Elder Health Monitoring & SOS Alert System

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- [q] Quit

Select:

Select: 4

[INFO] Simulation started (edge). Press Ctrl+C to stop.
[2025-11-21 21:09:12] HR: 40 | Temp: 37.3°C | SpO2: 90% --> Normal
=> All vitals within normal range
[2025-11-21 21:09:14] HR: 40 | Temp: 39.0°C | SpO2: 90% --> Critical
=> Temp critical (39.0°C)

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CRITICAL ALERT - SOS TRIGGERED

Time: 2025-11-21 21:09:14

Detected critical vitals -> HR: 40 bpm, Temp: 39.0°C, SpO2: 90%

Note: Temp critical (39.0°C)

Calling emergency services (SIMULATION)...

Ambulance: 102

Caregiver: Family (999999999)

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[INFO] Returning to menu...

Select: s

Manual SOS Trigger

HR (or Enter): 60

Temp (or Enter): 67

SpO2 (or Enter): 45

Note: take care

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CRITICAL ALERT - SOS TRIGGERED

Time: 2025-11-21 21:12:51

Detected critical vitals -> HR: 60 bpm, Temp: 67.0°C, SpO2: 45%

Note: take care

Calling emergency services (SIMULATION)...

Ambulance: 102

Caregiver: Family (999999999)

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