Katana

AI Assistant for frontline healthcare workers

Why Katana?

Medical errors due to adverse drug interactions is a major concern in healthcare, leading to significant costs and patient harm. Katana is here to help.

What is Katana?

Katana is an advanced AI assistant designed specifically for healthcare professionals. It uses cutting-edge technology and up-to-date drug interaction guidelines to provide accurate, real-time decisions on drug prescriptions.

Key Benefits:

- **Reduce Medication Errors:** Katana helps prevent dangerous drug interactions, ensuring patient safety.
- **Ease Decision Fatigue:** Provides immediate second opinions, especially valuable during long, stressful shifts.
- **Stay Updated Constantly:** Updated with the latest research and guidelines.
- **Support New Staff:** Offers reassurance and confidence to less experienced team members.

Real-World Applications:

- **Pharmacists:** Streamline daily prescription reviews with traffic light feedback for quick safety assessments.
- **Nurses in Remote Areas:** Quickly check drug interactions and potential side effects, even with recent guideline changes.
- **Healthcare Management:** Gain insights into prescribing patterns, aiding in inventory management and identifying trends.

Empower your healthcare team with Katana.

Make informed, life-saving decisions effortlessly.

What is the problem

Medical error due to adverse effects caused by drug interactions is one of the primary concerns of hospital executives, clinicians and patients alike.

- Medication Errors is the most common adverse event in hospitals, threatens patient safety and causes 160,000 deaths per year in Europe (ECAMET)
- Reported incidences of Medication Errors - 6.5 per 100 admissions
- Medical error is the **3rd leading cause of death** in the USA with the estimated cost of **20 billion USD** per year
- 12,000 critical incidents reported annually due to medication errors in the Irish Health Service Executive (HSE) annually

Healthcare teams are understaffed, under resourced and overworked.
Human error due to decision fatigue in a repetitive high stress environment.
No adequate tooling in a technologically immature work environment.

What's the solution - Katana

An AI based assistant to aid pharmacists and healthcare workers on the front line. Utilising the latest AI with the latest drug interaction guidelines and research to provide accurate decisions on drug interactions and potential adverse reactions.
Katana is a specifically tuned AI model, designed for the healthcare market to accomplish this critical and potentially life saving task.

Empower your front line team with the latest cutting edge AI. Hospital pharmacists, doctors, nurses all work in a high stress environment making quick and life changing decisions. Katana can bring capacity, reissuance and confidence to the team

Katana AI assistant brings the latest AI with the latest guidelines and research delivering decisions on patient prescriptions. Preventing adverse effects from drug interactions, saving lives and preventing litigation