

# Neurosort

## Elevating Content Management with Edge AI

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Introducing Neurosort by team KACM — a next-generation multi-agent content management system, built for privacy, intelligence, and automation.



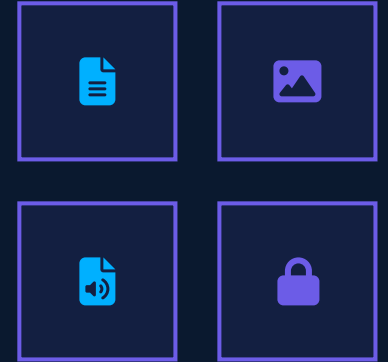
Privacy-First



Edge AI



Smart Organization



# Meet the Team – KACM



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**Hackathon: Raise Your Hack**

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# Problem Statement

## File Chaos

Modern users face overwhelming volumes of unorganized documents, images, and recordings

## Cloud Privacy Threats


Existing cloud solutions compromise data privacy and security

## Manual Organization

Sorting files by hand is time-consuming and often inconsistent

## Unprotected Sensitive Data

Personal identifiable information (PII) and contracts often remain exposed

 These issues create significant **security vulnerabilities** and **productivity bottlenecks** for both individuals and organizations.

**42%**

of employees misfile documents

**1.8 hrs**

daily spent searching for files

**67%**

have sensitive files at risk

NEUROSORT

# Our Solution: **Neurosort**

A revolutionary approach to content management powered by edge AI:



## Privacy-First Design

Fully on-device processing ensures your data never leaves your system, maintaining complete confidentiality and control.



## Intelligent Automation

Automatically scans, analyzes, organizes, and protects diverse file types—from documents to images to audio files—creating an intelligent ecosystem.



## Edge AI Architecture

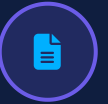
Powered by distributed multi-agent AI and cutting-edge models running locally on Qualcomm Snapdragon X Elite for maximum speed and efficiency.

# How It Works: Multi-Agent Edge AI Architecture



## Orchestrator

Central intelligence that coordinates all agents via dynamic Model Context Protocol



## NLP Agent

Deep content analysis and PII detection



## Vision Agent

OCR and document classification



## Audio Agent

Voice transcription and sensitive content detection



## Security Agent

AES-256 encryption and secure vault



## File Manager Agent

Smart organization, indexing and search functionality



ⓘ All processing runs locally on-device for maximum privacy

NEUROSORT

## Key Benefits & Impact



### True User Privacy

100% local data handling – no cloud leaks



### Powerful, Fast AI

LLaMA models on Snapdragon X Elite for real-time results



### Automated Security

Intelligent PII detection and encryption



### Enhanced Usability

Natural language search, instant retrieval, clean file hierarchy



**Neurosort** transforms data management into a **secure, intelligent**, and **effortless** user experience.

# Thank You!

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We're team **KACM** and this was **Neurosort** – your intelligent, private, and secure content manager for the next era of on-device AI.



Private



Intelligent



Secure

## Questions?

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