Dr. SEO Memory Engine™ — CrewAI Autonomous Task Queue & KB Sync Codex

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# 🚀 Overview

This document defines the autonomous memory architecture now powered by CrewAI for the AI Marketing Genius™ platform.   
It outlines the automated flows for KB ingestion, Make.com integration, document processing, and system memory propagation.   
This codex enables 24/7 asynchronous agent execution and GPT enrichment using synced memory assets.

# ✅ Phase 1: CrewAI Task Queue (Memory Engine)

* CrewAI Autonomous Tasks:
* - Monitor Google Drive folder "System Memory Archives (All Projects)"
* - Detect new `.docx` files (SOPs, prompt kits, summaries)
* - Use GPT summarization with the following fields:
* • Title (GPT-generated)  
   • Summary (natural language)  
   • Tags (systems, tools, module)  
   • Project/SaaS (from filename or metadata)
* - Append results to Google Sheet: `00 - System Memory Index`
* - Rename file to "[TITLE] - [TIMESTAMP].docx"
* - Move file to /Summarized & Tagged folder

# 🔗 Phase 2: Make.com & Boost.Space Integrations

* Make Scenario (Active):
* - Trigger: New file in `System Memory Archives (All Projects)`
* - Actions:
* 1. Download .docx
* 2. Extract raw text
* 3. Send to OpenAI GPT-4 w/ summarizer prompt
* 4. Append new row to System Memory Index Sheet
* 5. Rename and archive in "Summarized & Tagged"
* Boost.Space Setup:
* - Boost → Appflow scenarios connected via Brain → Google Drive
* - Use Boost brain to store historical summaries and versioned KBs
* - Memory syncs are timestamped and redundancy-checked

# 📚 Codex Instruction Set

* Agents have the following standing orders under CrewAI:
* - Detect → Summarize → Index → Store → Archive every document uploaded
* - Never duplicate an entry already logged in the KB Sheet (skip if exists)
* - Build logic libraries from each summary and sync across agents

This codex is self-updating via GPT triggers.