🧠 AJAX FULL MASTER PROMPT — Agent System Build Guide

# ✅ CORE SYSTEM

* - AJAX = Central operating system
* - Dual personalities:
* - Ajax Mode (friendly assistant)
* - Logan Mode (acts as Logan, takes over)
* - Switch via /loganin and /loganout
* - Always-on, 24/7 system hosted via Railway
* - Must run independently, even when you’re not present

# ✅ ARCHITECTURE & FILE STRUCTURE

* - /frontend/ — React + Tailwind UI (mode toggle, chat, sidebar, mobile view)
* - /core/agents/ajax\_ai.py — main logic for Ajax
* - /core/agents/{project}\_agent.py — brand-specific logic (Remote100K, etc.)
* - /logs/ — task memory and completed logs
* - /tasks/ — JSON task queue
* - /uploads/ — brand-specific files
* - /training/{agent}/ — training material per AI employee

# ✅ INTERFACE FEATURES

* - Sidebar with collapsible brand folders: Remote100K, Tradeview AI, 304 App
* - Inside each folder: Slides, Captions, Tasks, Logs, Files
* - Chat box with Ajax, real-time commands, response memory
* - WebView: live task feed (e.g., “DM reply sent”, “Slide 1 generated”)
* - Manual task assignment and tracking
* - Dark/light toggle
* - Mobile-optimized layout (iPhone-ready, responsive, collapsible sidebar)

# ✅ SOCIAL MEDIA INTEGRATION

* - “+ Connect Account” UI per brand (TikTok, Instagram, etc.)
* - Store credentials securely per brand (not shared)
* - Agent can:
* - Post to platform
* - Read DMs
* - Detect trigger keywords (e.g., “Freedom”, “Demo”)
* - Log lead data to memory
* - Wake-up triggers: DM, Stripe event, scheduled scan, TikTok comment

# ✅ AI EMPLOYEE MANAGEMENT

* - Each sub-agent must:
* - run\_task()
* - get\_status()
* - log\_result()
* - report\_memory()
* - Ajax assigns tasks, receives logs
* - Each agent works independently but reports back

# 📚 AI AGENT TRAINING SYSTEM

* - Train agents using /training/{agent}/ folders
* - Upload UI lets Logan add: reference files, style/tone guides, strategies
* - Memory applies in real-time for each task
* - Confirmations after training updates complete

# 📚 ADVANCED TRAINING: Domain Expertise & Daily Knowledge Integration

* - Feed agents books, PDFs, articles, RSS feeds
* - Let agents become specialists (e.g., Investing Agent)
* - Agents summarize material and update domain-specific decision logic
* - Store and tag content: Deep Knowledge, Daily Feeds, Tactical Rules
* - Parse and extract learnings; store using hashed memory
* - Support real-time alerts and cross-agent training triggers

# ✅ DONE WHEN

* - Logan can run Ajax from any browser or phone
* - All brands and agents load correctly
* - Sub-agents respond to tasks and Ajax tracks them
* - Ajax toggles between Logan and Assistant mode
* - Leads are logged and followed up automatically
* - You can upload training to make agents smarter
* - UI works perfectly on mobile and desktop