# aitoolfrontier.com: MVP Affiliate Workflow & Feature Set (v1)

**Objective:** Define the core workflow and features for the Minimum Viable Product (MVP) of the agent-driven affiliate marketing business, focusing on automation and minimal user intervention.

**Core Workflow (Manus-Driven):**

1. **Initialization (Minimal User Input):**
   * User provides initial seed topics/niches (e.g., “AI productivity tools”).
   * User sets budget parameters for tool usage (e.g., API costs).
   * User securely provides necessary API keys (WordPress, AI Content Generator, SEO Tool, Google Analytics, relevant Affiliate Networks).
2. **Niche/Keyword Research (Automated):**
   * Manus queries SEO Tool API (e.g., SEMrush) using seed topics.
   * Analyzes keyword volume, difficulty, and commercial intent.
   * Identifies and prioritizes promising long-tail keywords and content angles.
   * Stores findings (keywords, potential topics) in the Knowledge Base (e.g., structured file/database).
3. **Content Planning (Automated):**
   * Manus selects a high-priority keyword/topic from the Knowledge Base.
   * Determines appropriate content format (e.g., review, listicle, comparison).
   * Generates a content outline/brief.
   * Identifies relevant AI tools to feature as affiliate products.
   * Retrieves/constructs affiliate links for these tools (using Affiliate Network APIs where possible, or pre-configured data).
   * Stores the complete content plan (outline, keywords, affiliate links) in the Knowledge Base.
4. **Content Generation (Automated):**
   * Manus sends a detailed prompt (based on the content plan) to the designated AI Content Generation API (e.g., GPT-4 via OpenAI API).
   * Receives the draft content.
   * Performs basic automated formatting and checks (e.g., ensuring keywords are present, basic structure).
   * Stores the generated draft in the Knowledge Base.
5. **Content Publishing (Automated):**
   * Manus retrieves the finalized draft content and associated affiliate links.
   * Connects to aitoolfrontier.com via the WordPress REST API.
   * Creates a new post, uploads content, applies basic formatting (headings, paragraphs).
   * Inserts affiliate links contextually within the content.
   * Sets post title, relevant categories/tags.
   * Publishes the post.
   * Records the publication details (URL, date, associated keywords/products) in the Knowledge Base.
6. **Performance Monitoring (Automated):**
   * Manus periodically queries the Google Analytics API to retrieve traffic and engagement data for published posts.
   * Manus periodically queries available Affiliate Network APIs to retrieve click, conversion, and commission data related to its managed affiliate links.
   * Stores aggregated performance metrics in the Knowledge Base, linked to specific content pieces.
7. **Reporting (Automated):**
   * Manus generates periodic (e.g., weekly) summary reports for the User.
   * Reports include key metrics: content published, traffic highlights, clicks, conversions (if available), estimated earnings.
   * Reports delivered via a pre-agreed method (e.g., saved file, email notification).

**MVP Feature Set:**

* **Core Automation:** End-to-end workflow from keyword research to publishing and basic reporting.
* **API Integrations:** WordPress REST API, AI Content Generation API (e.g., OpenAI), SEO Tool API (e.g., SEMrush), Google Analytics API, Affiliate Network APIs (as available).
* **Data Management:** Simple Knowledge Base (e.g., structured files or SQLite) for storing operational data (keywords, plans, drafts, published URLs, performance metrics, affiliate links).
* **Configuration:** Secure management of API keys and operational parameters.
* **Orchestration:** Manus manages the task sequence and state internally.
* **User Interface:** Minimal; user interaction primarily for initial setup and reviewing periodic reports.

**Key Exclusions from MVP (Potential Future Enhancements):**

* Advanced automated content editing, fact-checking, or quality scoring.
* Automated internal linking or advanced on-page SEO via plugin APIs.
* Automated content updates/refreshes based on performance decay.
* Multi-channel promotion (e.g., social media posting).
* Sophisticated performance analysis, A/B testing, and automated optimization loops.
* Visual dashboard for user reporting.

This MVP focuses on establishing the core automated content pipeline, laying the foundation for future scaling and optimization.