Book Builder App called "Manuscriptify"

Project Title: ***"Manuscriptify"***

Develop a web-based application that clones exactly, but also expands upon the functionality of https://automateed.com, (using these brand colors #0000FF,#FFBF00, #FF00FF,#00FFFF,#DCDFD5) and switching up the layout to make it differloróoôppéaent to Automateed called "Manuscriptify" enabling users to upload text documents or type out an idea or even just a title as a prompts, and the in app AI will transform them into structured ebooks and audiobooks using modern APIs and web technologies.

Core Features & Functionality - Text Document Upload - Accepts text-based files up to 25MB - File type restrictions: TXT, DOCX, PDF - AI Novel & Ebook Generator - Automatically structures uploaded content into chapters - Inserts placeholders: About the Author, Prologue, Epigraphs, etc. - Includes an author training module for personalized writing style adaptation - Audiobook Conversion - Utilizes Fish Audio API or Elevenlabs for natural-sounding text-to-speech - Provides audio output with adjustable voice and pacing options

- Creative Assistance Suite - Sub-menu tools for: - Book title generation - Chapter outlines - Book cover art using Flux API --- 🧠 Tech Stack & Integrations - Frontend - React or React variants - Responsive design for desktop & mobile - Backend - Supabase for database & user authentication - Stripe for payment handling and subscriptions - Integration with Fish Audio API & Flux API - Authentication & Monetization - Secure Sign-Up/Login page - Payment portal using Stripe - Tiered access system or pay-per-use model ---

📦 Deliverables - Fully functional web app (frontend + backend) - Admin dashboard for managing users and content - Clean UX/UI design aligned with modern standards - API documentation and usage notes - Scalable architecture for future expansion Additional Features to Include 🌐 Multi-Language Support - Enable text input and audiobook conversion in multiple languages (e.g. English, French, Spanish, Mandarin, Hindi, Japanese) - Auto-detect language or allow user selection - Offer localized UI elements for international users

✏️ In-App Editing Studio - Integrated text editor for formatting and refining uploaded manuscripts - Rich text controls: headings, bold/italic, bullet lists - Drag-and-drop structure for chapters and sections - Real-time preview of ebook format and audiobook narration - Save draft versions before conversion

💡 Smart Enhancements (Optional but cool!) - Built-in grammar and style suggestions - AI-powered rewriting and tone adjustments - "Inspiration Mode" for generating missing sections or bridging gaps. App Development Roadmap

Phase 1: Core Infrastructure - ✅ Tasks: - Set up React frontend & Supabase backend - Configure user authentication & secure sign-up page - Integrate Stripe for payments - 💼 Tools/APIs: - Supabase Auth - Stripe API - React Hook Form for clean input management - Tailwind CSS or Chakra UI for UI design

--- Phase 2: Text Upload & Ebook Structuring - ✅ Tasks: - Accept and validate 25MB document uploads (TXT, DOCX, PDF) - Automatically format novel structure: chapters, placeholders (e.g. Prologue, Epigraphs) - 💼 Tools/APIs: - FilePond or React Dropzone for upload UI - Mammoth.js for DOCX parsing - PDF.js for PDF parsing - Custom structure logic (can later be enhanced with AI) ---

Phase 3: Audiobook Generation - ✅ Tasks: - Convert structured novel into audiobook - Allow voice/pacing customization - 💼 Tools/APIs: - Fish Audio API (for TTS synthesis) - Howler.js for audio playback control - Custom config options panel for voice preferences ---

Phase 4: Creative Tools Module - ✅ Tasks: - Generate book titles, outlines, and cover art - 💼 Tools/APIs: - Flux API for cover art generation - OpenAI GPT APIs or similar for title/outlines suggestion - React Tabs or Accordion for submenu UI ---

Phase 5: Author Training Engine - ✅ Tasks: - Enable personalized writing guidance - Adapt story tone based on prior input - 💼 Tools/APIs: - LangChain or Pinecone for author vector embedding - Integration with LLMs for learning writing patterns ---

Phase 6: In-App Editing Studio - ✅ Tasks: - Rich text editing with formatting and real-time previews - 💼 Tools/APIs: - Slate.js, Quill, or TipTap for editor framework - Dynamic content preview renderer - Draft saving system via Supabase ---

Phase 7: Multilingual Capabilities - ✅ Tasks: - Enable multilingual input and audio generation - 💼 Tools/APIs: - CLD3 for language detection - Google Cloud Translation API or DeepL API - Multilingual TTS options via Fish or additional providers ---

🚀 Bonus Phase: Admin & Scaling - Admin dashboard for managing users, projects, API usage - Analytics dashboard (Firebase or Supabase Analytics) - Cloud storage (Supabase or AWS S3) Prompt-Based Book Creation + Genre-Specific Logic

✍️ Prompt-to-Book Generator - Users can type a creative prompt to generate a complete book - AI generates structured content based on selected genre - Works alongside document upload option for flexible authoring paths ---

📚 Genre Selection System Users choose one of four book categories. Each triggers distinct rules and formatting logic:

Category Page Size Page Count Special

Features E-book 6x9 inches Min 75 pages, Max 150 Standard formatting, suitable for digital download.

Novel 6x9 inches Min 100 pages, Max 250 Structured narrative flow, chapter formatting, optional AI style adaptation.

Kids Story Book 8x10 inches Max 25 pages Must include high-quality imagery in Disney/Pixar/DreamWorks visual style (image API required)

Coloring Book 8x10 inches Exactly 20 pages Black & white downloadable illustrations for coloring (options include Mandalas, Wildlife, Famous places and landmarks, famous works of art and underwater scenes. There should also be the option for customizabl blank notebooks ---

📸 Image Generation Notes - For Kids Story Book, consider integrating: - Custom-trained image model (if allowable, use Krea) - Use of stylized prompts with an image engine to generate whimsical, child-friendly art -

For Coloring Book, generate: - Black-and-white line art illustrations - Ensure images are high-resolution and downloadable --- ⚙️ Logic Implementation Suggestions - Use React's conditional rendering to adjust UI based on category - Validate prompt input length and creativity threshold before book generation - Category selector can trigger specific rulesets: - Word count estimation - Page formatting constraints - Required assets (e.g. images)

Must have a tiered monthly pricing plan or the option for a lifetime plan at just $199.00.

There must be a stripe integrated payment portal and a full admin panel with credentials. A database for membership logins (supabase, postgres or something similar) And finally, it must come with a detailed deployment and user guide, but written as if explaining to a tenth grader.