**📌 Project Summary – WordPress Plugin: Author’s Writing Assistant**

### **🎯 Objective**

Develop a custom WordPress plugin that embeds an AI-powered chatbot into a website. The chatbot assists authors by providing three dedicated modes:

1. **Review** – offers constructive critiques of writing (style, pacing, grammar, emotional impact).
2. **Character Development** – generates structured, detailed character profiles and helps expand personalities, backstories, and arcs.
3. **Plot Generation** – assists in creating story outlines, developing conflicts, and generating narrative ideas.

### **🔧 Key Features**

* **Chatbot Integration**
  + Connects to an AI model (e.g., via OpenRouter or OpenAI API).
  + Provides contextual conversation flow for each mode.
* **Mode Switching**
  + Three buttons displayed above the chat interface: **Review**, **Character**, **Plot**.
  + Selecting a button sets the chatbot into that mode.
  + The selected mode’s button is visually highlighted, while the others remain unselected.
* **Dedicated Button Action**
  + Each button removes (hides/deletes) the other options temporarily, so the user stays in one focused mode.
  + Example: if the user clicks **Character Development**, only character-related features remain visible until reset.
* **Customizable UI**
  + Simple chatbox embedded in posts/pages via shortcode ([author\_assistant]).
  + Lightweight CSS to blend with WordPress themes.
* **Author Workflow Support**
  + Save chat transcripts to drafts or export them.
  + admin dashboard for usage tracking.

### **🛠️ Development Tasks**

1. **Plugin Setup**
   * Create plugin structure (plugin-name.php, assets, admin panel).
   * Register shortcode for embedding chatbot.
2. **Frontend Chat Interface**
   * Build chat UI (HTML + CSS + JS).
   * Add three mode buttons (Review, Character, Plot).
   * Implement button logic: switch mode + hide others.
3. **Backend Integration**
   * Connect WordPress to AI API (OpenRouter/OpenAI).
   * Handle prompt engineering per mode (structured instructions).
4. **Mode Logic**
   * **Review mode** → critique user text.
   * **Character mode** → structured character profile generation.
   * **Plot mode** → outline and narrative suggestions.
5. **Testing & Deployment**
   * Ensure chatbot works smoothly in posts/pages.
   * Verify mode-switching and button deletion logic.
   * Package as installable WordPress plugin.

### **✅ Deliverables**

* Fully functional **WordPress plugin (.zip)**.
* **Shortcode** for embedding chatbot.
* **Three dedicated modes** (Review, Character, Plot) controlled by buttons.