DATAFORT

Bespoke Online Booking System



Off-the-shelf

Tailored Vibe Coded Version

STEP 01 • SYSTEM PROMPT INGESTION

First step to creating & running the AI prompt.

- **Built 12-Stage Roadmap:** Planned full build with required human reviews.
- **Reviewed Existing Site:** Analyzed website files to map current bookings.
- **Found 10 Booking Links:** Located every active appointment link on the site.
- **Flagged Key Requirements:** Noted account and domain verification needs.

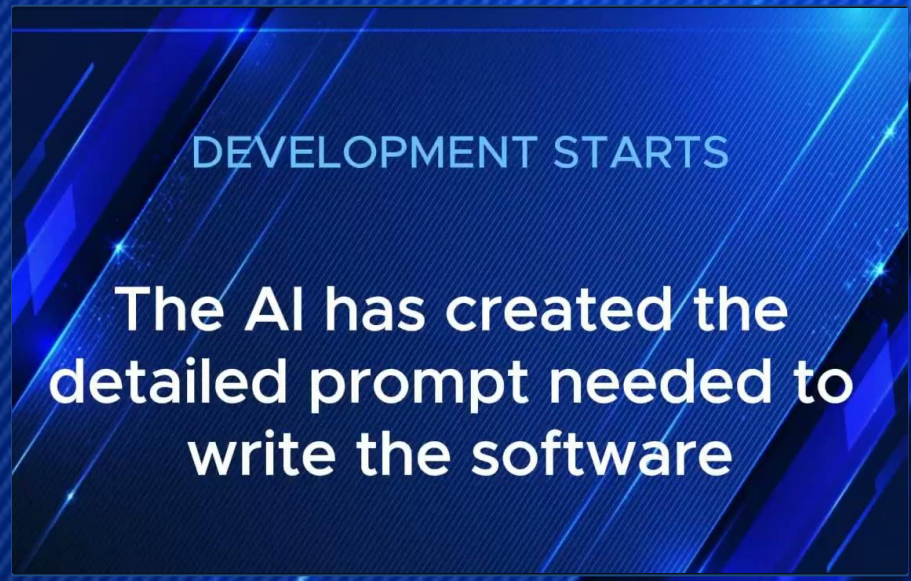


Create an AI prompt that supports the development of a booking plugin for datafort.com to replace the calendly.com widgets and service… include all stages including testing, and integration with Google Meet and Google Calendar…

STEP 02 • DEV STARTS

Environment Setup & Prompt Execution

- **Full Autonomy Enabled:** AI worked continuously without micro-approvals.
- **Strict Safety Guardrails:** Blocked live deployment and external connections.
- **Protected User Privacy:** Prevented AI from viewing or copying private data.
- **High Quality Standards:** Required rigorous automated tests before release.

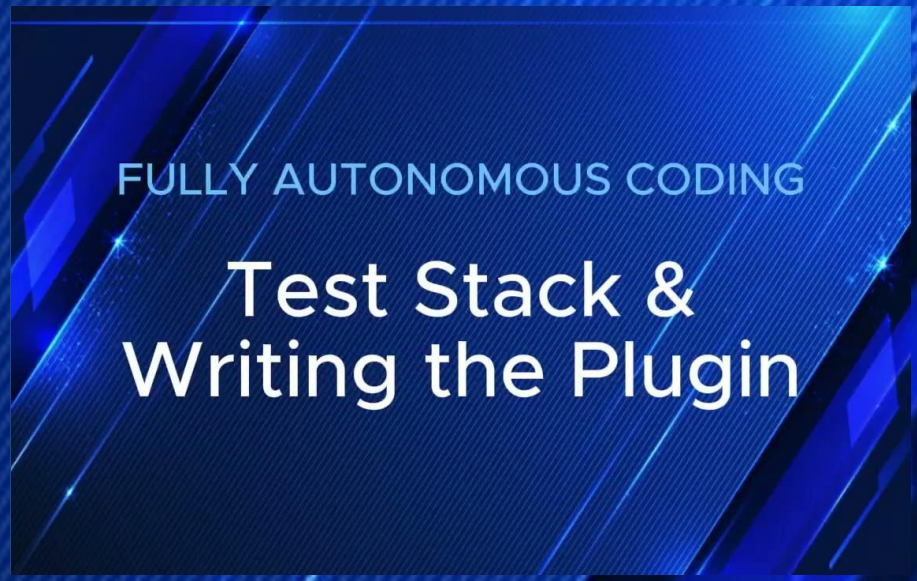


Use comprehensive prompt for an AI coding agent. To autonomously develop a complete production-ready WordPress plugin for datafort.com. That replaces Calendly… ask me questions only if a genuine blocker prevents progress… Do not deploy it to a live site…

STEP 03 • AUTONOMOUS CODING

Autonomic Code Generation & Logic Stack

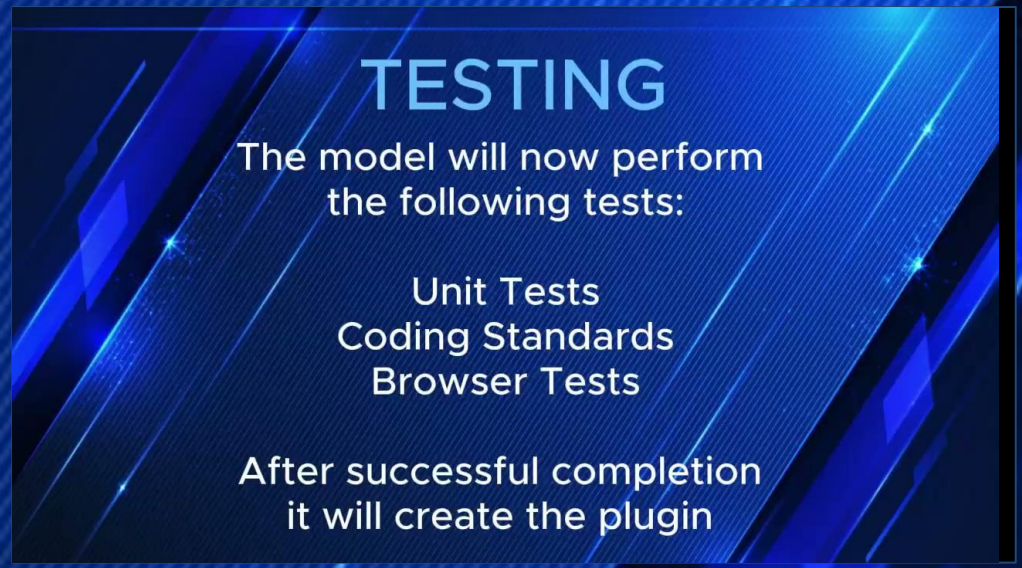
- **Set Up Test Environment:** Spun up an isolated workspace for fast building.
- **Built Booking Core:** Handled schedules, time zones, and seat limits.
- **Connected Google Calendar:** Synced meetings with secure login tokens.
- **Verified End-to-End:** Tested real bookings and confirmed conflict blocks.



STEP 04 • TESTING SUITE

Continuous Verification & Unit Tests

- **Prevented Double Bookings:** Tested 40 simultaneous users with zero errors.
- **Comprehensive Test Suite:** Passed 82 automated quality tests cleanly.
- **Accessible to Everyone:** Ensured clear screen-reader labels and contrast.
- **Packaged Clean Plugin:** Verified official WordPress safety compliance.



STEP 05 • SECURITY REVIEW

Automated Audit & Policy Hardening

- **Independent AI Audit:** Used a second AI agent to inspect all code.
- **Zero Critical Flaws:** Confirmed clean audit with no high-severity risks.
- **Hardened Connections:** Tied Google logins strictly to active user sessions.
- **Ready for Release:** Completed final safety sweeps and tagged version 1.0.0.



STEP 06 • DESIGN FIX

Matching the Widget to the Calendly Design

- **Matched Original Look:** Mirrored the familiar Calendly calendar style.
- **Fixed Visual Glitches:** Removed unwanted theme borders from the widget.
- **Simple Time Zone Picker:** Replaced clunky drop-downs with clean menus.
- **Refined User Experience:** Added 950 lines of UI polish without code risk.

