

Assignment: WordPress Plugin Development – Member Directory

We'd like you to build a custom, standalone WordPress plugin that functions as a **Member Directory**, where each member can be associated with multiple teams. This project will help us evaluate your understanding of WordPress development best practices.

Plugin Overview

Create a fully functional WordPress plugin with the following capabilities:

Member Fields

- First Name
- Last Name
- Email (*must be unique across all members*)
- Profile Image
- Cover Image
- Address
- Favorite Color (*use a color picker field*)
- Status: **Active** / **Draft**

Team Fields

- Name
- Short Description

Relationships

- A **member** can be linked with multiple **teams**.
- Duplicate email addresses should **not** be allowed across members.

Frontend Requirements

- **Single Member Page**
 - URL structure: `/first-name_last-name`
 - Only members with **Active** status should be visible.
 - Display all member fields in a clean, user-friendly layout.
 - Include a **contact form** with:
 - Full Name
 - Email
 - Message
 - On form submission:
 - Send an email to the member's email address.
 - Store the submission in the WordPress admin.
 - View all submissions from the member's edit screen in the dashboard.
- **Listing Pages**
 - A page to display **All Teams**.
 - A page to display **All Team Members**.

Admin Requirements

- Prevent duplicate email addresses when creating/editing members.
- On the admin listing page for members, show the **total number of contact form submissions** each member has received.
- From the member edit page, allow viewing all submitted messages.

Technical Guidelines

- Use **WordPress coding standards**.
- Avoid third-party libraries or frameworks.
- Use **WordPress core features** wherever possible.
- PSR-4 autoloading is allowed if you prefer.
- Maintain your code using **Git** (commit history will be reviewed).
- Ensure the code is:
 - Clean
 - Well-structured
 - Optimized
 - Easy to understand
 - Performant
- You may use **AI assistance**, but do **not copy-paste** code blindly.

Questions?

If you have any questions or need clarification, feel free to reach out via mail.