

WordPress Plugin Explanation

Introduction

The Custom User List & Greeting plugin enhances WordPress functionality by adding an admin page to display registered users and a shortcode for dynamic greetings. This plugin is lightweight, easy to install, and improves user engagement by providing personalized messages.

Features

1. **Admin Page for User List:** Displays a table of all registered users with their ID, name, email, and registration date.
2. **Greeting Shortcode:** Shows a greeting message (Good Morning, Good Afternoon, or Good Evening) based on the current server time.
3. **Secure & Optimized:** Uses WordPress functions to ensure proper sanitization and security.

Implementation Details

1. **Admin Page Functionality:**
 - Used `add_menu_page()` to create a custom admin page under the WordPress dashboard.
 - Utilized `get_users()` to retrieve user details and displayed them in an HTML table.
 - Ensured output was sanitized using `esc_html()` for security.
2. **Shortcode Functionality:**
 - Defined a shortcode `[custom_greeting]` using `add_shortcode()`.
 - Used `date('G')` to determine the current hour and display an appropriate greeting.
 - Wrapped the greeting in `<p>` tags for styling.

Installation & Usage

1. Upload the plugin ZIP file to **Plugins > Add New > Upload Plugin**.
2. Activate the plugin from the WordPress **Plugins** page.
3. Navigate to **User List** in the admin panel to view registered users.
4. Insert `[custom_greeting]` in any page or post to display the greeting.

Conclusion

This plugin enhances the WordPress admin experience by providing an easy-to-access user list and improving frontend interactivity through dynamic greetings. It follows WordPress best practices, making it secure and efficient.