I'm looking for a WooCommerce expert developer to create an affiliate plugin. The plugin should work as following:

Upon activation of plugin, the following changes/effects will happen to the WooCmmerce website:

1. in the registration form, users can opt-in to become affiliates and select an affiliate program. affiliate programs have a membership price and thus the user will be taken to a checkout page after or before registration to complete signing up to an affiliate program.
2. Affiliate users will have an affiliate URL to share with others who can also opt-in to become affiliate users.
3. The WooCommerce user account dashboard and menu will be customized for affiliate users.
4. The affiliate plugin will start tracking sales and distribute commissions to affiliate users.

The following is a description of the admin’s backend and users’ frontend dashboards:

# The admin’s backend dashboard:

On plugin activation, a new WordPress admin menu item will be added named "WooCommerce Affiliate" clicking on it will open the plugin admin page. The plugin admin page will include the following tabs:

Dashboard: This page will include figures and reports related to affiliate users. Specifically it will include two sections. The first section will include:

1. Total active affiliate programs.
2. Total affiliate users.
3. Total commissions gained by affiliate users.
4. Total amount in all affiliates wallets.

The second section will include a list of top affiliate users by total sales made by their affiliated customers. The list will have the following columns:

1. Name & email.
2. Affiliate program.
3. Number of affiliated customers.
4. Total purchases made by affiliated customers.
5. Total amount of those purchases.
6. Total user commission from those purchases.

The list should only show data of the current month with the availability to view data based on custom date interval.

Affiliate Programs: This page will include a list of all affiliate programs available for users to sign-up. At the top of the page there will be two tabs:

1. Active: This page will include a list of all active programs.
2. Inactive: This page till include a list of all inactive programs.

At the top right of the page there should be a "Create new" button to create a new program.

The list of programs should have the following columns:

1. Name of program.
2. Creation date.
3. Price.
4. Commission type.
5. Number of affiliate users.

Clicking on any program will take you to the program settings page that will including the following fields:

1. Program name.
2. Signing-up fees.
3. Maximum number of customers each affiliate user can affiliate.
4. The affiliate program round rule which includes:
   1. type: percentage of order subtotal/fixed amount.
   2. cycle: forever/specific number of rounds per affiliate user.
   3. round target: commission is made when each round target is reached. Round options include:
      1. When: all/specific number of affiliated customers make a purchase.
      2. Where order subtotal is: less than/more than/equal to
      3. Amount
5. Apply program on: all/selected categories/selected products.
6. Program status: active/inactive. When inactive, users linked with the program are notified by email and will stop receiving commissions but can opt-in to another program after paying its sign-up fees.

Users: The users page include all users who signed-up to affiliate programs. Affiliate user must be a WordPress user type. The plugin should also extend the WordPress user profile page to allow admin to turn any user to an affiliate. At the top of the page there should be two tabs:

1. Active: This page should list all active affiliate users.
2. Inactive: This page should list all inactive affiliate users.

The user lists in both tabs should include a filter option to filter users by affiliate program and should include the following columns:

1. Name & email.
2. Registration date.
3. Affiliate programme.
4. Total sales generated by the user direct affiliates
5. Wallet current balance.

Clicking on a user row will open the user profile page that includes the following tabs:

1. Profile.
2. Affiliates.
3. Wallet & commissions.
4. Withdrawal requests.

The profile page will include the following settings:

1. Status: Active/Inactive
2. Affiliate programme: A select list that include options of all available active affiliate programs with default select to user’s affiliate program. This will allow admin to change the user’s affiliate program.
3. A save button to save the changes.

The affiliates page will include:

1. List of customers/affiliate users registered on the website using the user’s affiliate URL. This list should have the same columns as the Users list above and also clicking on a user row will take you to that user’s profile page.
2. The admin should be able to move customers/affiliated users as affiliates of one user to another user.

The wallet & commissions page should include:

1. The total balance available in the user’s wallet with the ability for the admin to change it.
2. The ability to record a pay-out to the user and deduct it from the user’s available wallet balance. The pay-out record form should include the following fields:
   1. Date of payment.
   2. Payment method.
   3. Payment amount.
   4. Transaction reference ID or code.
   5. URL to the invoice if available.
   6. Description.
   7. A checkbox to deduct the payment amount from the user’s current balance.
   8. A save button.
3. Commissions section that will include:
   1. A brief about the total commissions gained by the user and their total amount.
   2. A list of all commissions gained by the user. The list should have the following columns:
      1. Date the commission was gained.
      2. Affiliate program name.
      3. Commission amount.

The Withdrawal requests page should include a list of withdrawal requests made by the user. The list should have two tabs:

1. Pending: This page should include all pending withdrawal requests by the user.
2. Paid: This page should include all paid withdrawal requests by the user

The pending withdrawals list should include the following columns:

1. Submit date: the date of withdrawal request submission.
2. Amount requested.
3. Preferred payment method.
4. Actions menu: The action menu should include a button which if clicked will popup a menu with the following options:
   1. Pay with PayPal.
   2. Record a payment.

The paid withdrawals list should include the following columns:

1. Submit date: the date of withdrawal request submission.
2. Amount requested.
3. Payment details that will include payment record details.

Pay-out settings: The pay-out settings page should include one section:

1. Option to allow users to enter their PayPal address to receive PayPal payments.
2. Other necessary fields for setting up an activating direct PayPal payments to user’s withdrawal request from the user’s withdrawal requests page.

# The Users’ Frontend Dashboard:

The plugin should extend the WooCommerce “My Account” page as following:

1. The dashboard page should include:
   1. The affiliate URL with a copy to clipboard button.
   2. The affiliate program name and rounding information. With the ability to switch to another program after paying its sign-up fee.
   3. Total affiliated users compared to maximum allowed affiliates by the user’s affiliate program.
   4. Wallet balance with the ability to submit a withdrawal request by clicking a button and filling a withdrawal request popup form that includes the following fields:
      1. Amount to withdraw.
      2. Preferred payment method. (This option should PayPal and Bank transfer options if the user has filled their PayPal and Bank account info if only one of those are filled then this field should use it as default).
      3. Submit button
   5. Affiliate activity report section that includes:
      1. An option to filter report results by “This month” which is the default option and a “Custom period” which will allow the user to select custom starting and ending dates.
      2. Three grids that will include:
         1. Total number of order made by the user’s affiliates.
         2. Total amount of those orders subtotal.
         3. Commission generated from those orders.
2. A new “My Account” menu item called Affiliates that will include a list of affiliates registered through the user’s referral URL. The list should have the following columns:
   1. Name & email.
   2. Affiliate program name if opt-in to become an affiliate during registration.
   3. Total affiliates compared to maximum allowed.
   4. Total number and amount of orders made by the user.
   5. Total number and amount of order made by the user’s affiliates.
   6. Total commission the user has generated.

Clicking on an affiliate row will open the affiliate profile page that includes:

* 1. The name of and email of the user at the top of the page.
  2. A user’s activity report section that includes:
     1. A report period filter, default to current month, and possibility to select a custom starting and ending dates.
     2. Three grids that include:
        1. Total number of order made by the user.
        2. Total amount of those orders’ subtotal.
        3. Last order date.
  3. If the user is an affiliate the page should also include:
     1. The user’s referral URL.
     2. Total number of affiliates compared to maximum allowed.
     3. Name and information of the user’s affiliate program.
     4. User’s affiliate activity report section. Same as the one in the dashboard page above but this one will show report about the affiliate affiliates (Second level affiliates).
     5. List of user’s affiliates registered through the user’s affiliate URL. This list should have the same columns as the affiliates list above and also clicking on an affiliate row will open the second level affiliate profile page. Please note that the user can navigate through user profiles of up to 5th level affiliates.

1. A new “My Account” menu item called Withdrawal Requests. This page should include two tabs:
   1. Pending: That include a list pending withdrawal requests.
   2. Paid: That include a list paid pending withdrawal request.

The pending withdrawal requests list should include the following columns:

* 1. Date submitted.
  2. Amount requested.
  3. Actions: which should include a delete button.

The Paid withdrawal requests list should include the following columns:

* 1. Date submitted.
  2. Amount requested.
  3. Date paid. According to payment record information.
  4. Payment details.

1. The plugin should also extend the WooCommerce user account form to include the following pay-out options:
   1. PayPal: The user can enter their PayPal email address.
   2. Bank account details.

NOTE: All lists mentioned above should be paginated and include pagination options rows per page options.

Automatic Email Notifications: The plugin should send automatic email notifications in the following conditions:

1. An email to an affiliate user when a new user registers using their affiliate URL.
2. An email to an affiliate user when their affiliated users make orders.
3. An email to an affiliate user when admin records a pay-out transaction of their withdrawal request.
4. An email to the admin when an affiliate submits a withdrawal request.
5. An email to the admin when an user sign-up for an affiliate program.

Coding Terms:

1. The requirements list above is not fixed and you can suggest any change if it will better serve the plugin objective.
2. You should only use PHP, and if necessary JavaScript to write the plugin code.
3. If external PHP of JS libraries are required, you should first get an acceptance from us.
4. No other WordPress or WooCommerce plugins should be required for this plugin to work.
5. Your code should be well structured, commented and as short as possible (write less do more).
6. Your code should maintain cross browser support.
7. The plugin should be able to work with any WooCommerce theme.