Alog Foundation Website changes 2023-01-30

Problem statement
To be able to accept donations using Razorpay, on a donations page with multiple causes, each having a goal and a progress tracker.

Solution
Since WooCommerce store was already installed and working with Razorpay, we decided to create a category called **Donations,** specifically for donation products. We then hide the category from showing on shop pages, renamed the add to cart to donate now and made minor changes to product pages for these donations to showcase the donation cause. The previous donation plugin also had a goal tracker for each donation cause. Replicated that tracker using ACF field for donation products to set the goals and using revenue of each product to calculate the progress of the goal achievement.

Plugins Deactivated
 – Give - Donation Plugin

Plugins Installed/activated
 – Advanced Custom Fields
 – NextMove Lite - Thank You Page for WooCommerce
 – PDF Invoices & Packing Slips for WooCommerce
 – Post SMTP
 – WC Kalkulator
 – UpdraftPlus - Backup/Restore

Notes
 – **Advanced Custom Fields** is used for the "Goal" field in all products belonging to category "Donations". It should show up automatically once a product is assigned this category and published.
 – **UpdraftPlus - Backup/Restore** is used for regular, automated backups. It's set to back up the website files every fortnight and retain up to 12 previous backups, so roughly 6 months. The database is backed up daily (since any orders/donations are recorded in the db and files don't change) and the last 180 backups are retained, again roughly 6 months. The backups are being stored locally on the web host itself. You may, however, modify this from the plugin settings to send the backups to remote cloud services like Dropbox or Google Drive.
 – **Post SMTP** is used to set up SMTP email sending services on Wordpress for better email deliverability. All WooCommerce notifications go out from an email setup no-reply@alogwelfarefoundation.org which is hosted on the current web host itself. The plugin also provides email logging and is set to keep the last 500 messages stored on the server in case some emails are not received by someone, we can review them from the system.
 – **WC Kalkulator** is used to convert any WooCommerce product to a *pay what you want* type product, ie the customer/client can fill in their price for the product. This is perfect for donations. The setting for this can be accessed from **Products → WCK Fieldsets.** The custom donation price field defined here is applied automatically to all products in the

Donations category.

- **NextMove Lite - Thank You Page for WooCommerce** is used to design a *Thank you* page which the user sees after a successful payment. We are using this to customize the message seen by the user specifically after donations, since we needed to replace the regular shop/product terms with donation-related terms.
- **PDF Invoices & Packing Slips for WooCommerce** is used to create PDF invoices for WooCommerce orders. We are using it only for donations to generate 80G certificates automatically. The plugin takes our custom template for the PDF, generates the PDF whenever a donation is made, and sends it in the email notification, automatically.
- All these plugins are free to use (some might have a premium version with extra features) and we don't need to pay for anything for them going forward.
- Besides these, there are a lot of custom changes we have made to ensure the Donation flow works for Products. Some of the major ones include changing how WooCommerce works but only for **Donation** category products,
    - Redirect user directly to checkout instead of going to cart first if the product is donation
    - Hide donation category products on shop page
    - Set up goal progress tracking cards both on donations main page, and individual donation pages. This calculates the goal from the goal set and the total revenue of that donation so far from the database and displays a progress bar.
    - Rename the add to cart button to say Donate instead.
    - Change product/item related text on checkout page to Donation-related texts.
    - Remove extra address fields in the checkout since donations are virtual products, not allowed to be shipped.
    - Disable notes on checkout for donations
    - Disable coupon field on checkout for donations
    - Disallow and show error if user tries to combine purchasing any regular shop item with donation item
    - Automatically mark donation orders as complete when paid successfully, other shop orders usually go to a *processing* step first.
    - Automatically add PDF invoices as 80g certifications to donation orders
    - Update the text in email subjects and body to reflect that the order was a donation
- All the custom changes are done in accordance with standard WordPress coding practices and can be found in the child theme folder in the functions.php file. The actual code is organized in 5 different files inside a **Donations** folder.
- The child theme also contains a **WooCommerce** folder. This includes two overrides for default functions. One is to override the email sent by WooCommerce only for donations. The other defines the custom PDF template for 80g created according to the physical receipt sample provided.
- Besides this, other minor changes were made, mostly stylistic. Donate now was enabled on the mobile screens and logo size and menu size was updated accordingly to make it fit in the header. PIN code fields and cart button were disabled on donation product pages.

Steps to create a new donation cause
– Create a new product
– Set the type to **Simple Product & Virtual**
– Set price to 0. Even though the user can enter any price, we must set one here otherwise the product may not show up.
– Set the product category to **Donations.**
– Save/Publish the product and a new **Goal Amount** field should show up. Add your goal for the cause.
– Add any images/videos and/or description as you might for other products and save.

Time & Cost
– December: 18:23 hrs
– January: 17:41 hrs
– Total: 36 hrs
– Rate: ₹700/hr

Total amount saved for the organization: **₹25,200/-**