

Neubercart Coupons Tab 1.04

1. Purpose

The Neubercart Coupons Tab (nc_coupons_tab) module version 1.04 refines the user account “Coupons” tab to ensure increased clarity, maintainability, and consistency.

Key improvements include:

1. Personalized headings that display the username of the account being viewed (e.g., “Discount Coupons for Graham”).
2. Robust handling of administrator vs. user views, ensuring administrators can inspect coupons for any account while regular users only see their own.
3. Clean integration with helper modules that render coupon lists (discount, product, etc.) without breaking compatibility.

2. Requirements

User Facing Clarity

The Coupons tab must show the “in focus” user’s coupons, not the currently logged in user’s coupons.

Personalization

The heading for the Discount Coupons area include the username of the account being viewed, to ensure clarity about who the discount coupons apply to.

Backward Compatibility

Any and all other helper modules for the Coupons tab:

- nc_coupons_tab_list_discount_coupons
- nc_coupons_tab_list_product_coupons

Must be able to continue to function without modification if at all possible.

Styling

The module exhibits module-specific CSS styling that provides

- Zebra striping

- Expired & expiring-soon highlighting by color (yellow & red)
- Other responsive adjustments

3. Scope

- Affects only the **Coupons tab** within the user account area.
- Does not alter coupon logic, permissions, or unrelated tabs (Orders, Addresses, Pets, etc.).
- Enable helper modules to extend its functionality by injecting content into it.

4. Functional Requirements

Context Sensitivity

- Regular users see only their own coupons.
- Administrators can view coupons for any account.

Coupon Filtering

- For regular users, display active coupons only (status = 1), for Admin display all.
- Expiration respected for regular users.
- User restrictions are applied via decoding of serialized data field within the coupon itself.

Heading

- Personalize heading: *"Discount Coupons for [username]"*.
- Fallback to *"unknown user"* if account name is unavailable.

Styling

- Expired coupons are highlighted in pink.
- Soon to be expired coupons are highlighted in yellow/orange.
- Zebra striping for readability.

5. Non-Functional Requirements

Backward Compatibility

Helper modules continue to work without modification.

Upgrade Safety

Changes isolated to `nc_coupons_tab_menu()`, `nc_coupons_tab_page()`, and helper alter hooks.

Performance

Query efficiency maintained; no additional overhead beyond coupon filtering.

Security

Administrators only; regular users restricted to their own coupons.

6. Implementation Plan

Menu Definition Update

- Coupons tab path remains `/user/%user/coupons` internally.
- Aliases resolve to `/users/[username]/coupons` via Pathauto.

Page Callback Update

- Use `$account` argument exclusively for context.
- Remove fallback to `$GLOBALS['user']`.

Helper Module Integration

- `nc_coupons_tab_list_discount_coupons` injects filtered coupon list.
- Personalized heading added in alter hook.

Styling

CSS file (`nc_coupons_tab_list_discount_coupons.css`) provides visual cues for coupon state.

Testing

- Admin views another user's coupons.
- Regular user views own coupons.
- Expired and expiring-soon coupons styled correctly.

7. Versioning

- Release as `nc_coupons_tab 7.x-1.04`.

- Update .info file version string.
- Tag release in version control.

8. Risks & Mitigation

Alias misconfiguration breaks tab links

- Keep UID path as fallback
- Use Redirect module for /user/[uid]/coupons → /users/[username]/coupons.

Permissions misapplied

- Test with multiple roles (admin, authenticated, anonymous).

Helper modules do not recognize or use new path

- Ensure helpers rely on \$account object, not raw path.
- Redirects maintain compatibility.