

# Neubercart Coupons Tab

---

## *tl;dr*

The Neubercart Coupons Tab (**nc\_coupons\_tab**) module was created to bridge a usability gap in stock Ubercart through the presentation of a Coupons tab in the user Account area. The module is flexible and made extensible through helper modules and schema expansion.

## 1. Purpose

By default, Ubercart does not offer a way for users to engage with coupons other than to enter a coupon code into the input box of the **Coupons** pane that (if enabled) appears in the checkout page (/cart).

Otherwise, Ubercart does not enable users to enumerate, view or otherwise engage with coupons. This means that, aside from various offline activities (social media posts, emails, direct messages), users may be left unaware of whatever coupons they may be currently entitled to, significantly reducing the potential scope, reach and usefulness of coupons - which represent a significant sales & marketing opportunity.

The Neubercart Coupons Tab (**nc\_coupons\_tab**) module fills that gap by placing a Coupons tab in the Account area of every user, offering a place where additional helper modules may present coupon-related information.

The Neubercart Coupons Tab (**nc\_coupons\_tab**) module:

- Adds a Coupons tab to the Account area
- Provides a place for coupon helper modules to dynamically inject their content
- Adds a custom path for Administrators to send “friendly” URL’s in the format:
  - /users/[username]/coupons

## 2. Requirements

### *Functional Requirements*

#### Coupons Tab Creation

- Add a new tab (user/%user/coupons) in the account area.
- Adds a custom path (users/%username/coupons) that also maps to the tab
- Provides a link to the Neubercart.com area that discusses this module
- Displays informative placeholder content should no helper modules be (yet) installed

#### Helper Module Integration

- Detection of certain “priming” helper modules:
  - Neubercart coupons tab: List discount Coupons
    - Provides a link to the Neubercart zone regarding this helper module
  - Neubercart coupons tab: List product coupons
    - Provides a link to the Neubercart zone regarding this helper module

### *Non-Functional Requirements*

#### Upgrade Safety

Must avoid hardcoded logic and support clean migrations.

#### Extensibility

Must allow other modules to alter or append content dynamically.

#### Maintainability

Code should be modular, well documented, and easy for future developers to extend.

#### Guidance

Placeholder content must include actionable links to helper modules.

#### Minimalism

Keep the module lightweight, focusing only on tab creation and extensibility.

### **3. Benefits**

#### **Improved User Experience**

Customers gain a clear, dedicated space for coupon interactions.

#### **Developer Flexibility**

Other modules can extend functionality without modifying core code.

#### **Upgrade Path**

Smooth migration from `uc_coupons_tab` ensures continuity.

#### **Transparency**

Logging via `watchdog` provides visibility into install, uninstall, and migration events.

#### **Onboarding**

Direct links to Neubercart helper modules guide site administrators toward available extensions.

### **4. Scope**

#### **In**

- Tab creation
- Lifecycle hooks
- Extensibility
- Placeholder content
- Helper module detection

#### **Out**

- Direct coupon management logic (handled by helper modules)
- Complex permissions,
- Custom database schema (future expansion possible)