

Neubercart Anniversary Menu Item

tl;dr

The **Neubercart Anniversary Menu Item Module** (nc_anniversary_menu_item) creates a **Anniversary** menu item under the top level **People** menu item in the Drupal Administrative GUI, so Anniversary-related modules and functionality may be easily discovered and used.

Purpose

The **Neubercart Anniversary Menu Item Module** (nc_anniversary_menu_item) augments the Drupal Administration toolbar by creating a **People » Anniversary** click path in the Drupal Administrative GUI. The new **Anniversary** menu item serves as a centralized anchor point to which all anniversary-related functionality may be attached. In creating this common functionality gathering point, this module aims to improve discoverability, streamline administration, and establish a solid foundation for all future anniversary related modules to attach to quickly and easily.

Scope

In Scope

- Anniversary menu integration: Adds a dedicated “Anniversary” menu item under the top-level People menu in the Drupal Administrative GUI.
- Centralized access: Provides a common anchoring point where all anniversary-related modules can be grouped for easier discovery.
- Administrative usability: Ensures administrators can quickly locate and manage anniversary functionality without navigating scattered menus.
- Extensibility: Serves as a foundation for future modules (e.g., report, coupon) to attach under the Anniversary heading.

Out of Scope

- Anniversary reporting: Does not generate or display lists of user Anniversary.
- Notifications: No automated greetings, alerts, or reminders are included.
- Analytics: Does not provide statistical summaries or insights into anniversary data.
- Profile field customization: Does not alter or extend the anniversary fields in user profiles.
- Toolbar modifications: Limited strictly to adding the Anniversary menu item under the top level People menu item; no broader changes to the Drupal toolbar.

Benefits

- Centralized access: Provides a single, fixed location in the Administration toolbar where all anniversary-related functionality can be grouped, reducing the need to search across scattered menus.
- Improved discoverability: Makes anniversary features easier to find by locating them under the **People » Anniversary** heading, ensuring administrators can quickly identify and use related modules.
- Administrative efficiency: Streamlines workflows by offering a thematic anchor point, saving time when configuring or managing anniversary-related features.
- Community engagement: Supports stronger connections to the user community by making anniversary-related tools more accessible for follow-up actions like greetings or rewards.
- Extensibility: Establishes a foundation for future modules (e.g., report, coupons) to attach seamlessly under the Anniversary menu item without disrupting existing functionality.
- Maintainability: Encourages consistent organization and documentation practices, making it easier for future developers to extend or troubleshoot the module.

Intended Outcomes

- Centralized navigation: Administrators gain a single, reliable entry point under **People » Anniversary** where all anniversary-related modules can be accessed.
- Improved discoverability: Anniversary functionality becomes easier to locate, reducing confusion and saving time when managing community engagement features.
- Streamlined administration: By consolidating anniversary tools under one menu item, administrators can manage related tasks more efficiently without hunting through scattered menus.
- Foundation for extensibility: Provides a stable anchor point for future modules such as reports, reminders, or analytics to attach seamlessly.
- Enhanced community engagement: Facilitates meaningful follow-up actions (like greetings or rewards) by making anniversary-related tools more accessible.
- Consistency in user experience: Ensures that anniversary functionality is presented in a uniform, predictable way across the administrative interface.

Requirements

Functional Requirements

- Administrative menu integration: The module must add an “Anniversary” menu item under the stock People menu in the Drupal Administration toolbar.
- Access control: The menu item must respect the Drupal permission system, ensuring only authorized users can view or manage anniversary-related functionality.
- Centralized anchor point: The menu item must serve as a common gathering point where existing and future anniversary-related modules can attach seamlessly.

Non-Functional Requirements

- Separation of concerns: Code should maintain clear boundaries between menu definitions, permissions, and any future extensions.
- Consistency: Naming conventions and documentation must follow Drupal coding standards to ensure reviewer-friendliness.
- Maintainability: The module should be lightweight, easy to extend, and future-proofed without disrupting the core system.
- UI clarity: The menu item must appear predictably at **People » Anniversary**, ensuring administrators can locate it quickly.

Dependencies

- System: Either the Drupal 7.x distribution or the Neubercart 7.x distribution
- Features: Requires that the stock Administration toolbar be enabled and functional.
- Permissions: Relies on the built-in permission framework to control access to the Anniversary menu item.
- Libraries: The module does not require third-party libraries, external APIs, or contributed modules beyond the listed dependency.

Permissions

- Administer users: Access to the Anniversary menu item and its sub-pages is controlled by Drupal's core administer users permission.
- Role assignment: Only roles granted the administer users permission will be able to view and interact with the Anniversary menu item. By default, this is typically reserved for site administrators.
- No custom permissions: The module does not define new permission strings. It relies entirely on Drupal's existing access control framework for consistency and simplicity.

Installation

- Download and place module files: Download and place the module archive in the most appropriate spot in your file system. Commonly used locations include:
 - /sites/all/modules
 - /sites/all/modules/ custom
- Expand the module archive to expose the source files
 - `tar -zxvf <archive_name>.tgz`
- In the Administrative GUI, navigate to Administration → Modules.
- Search for Neubercart Anniversary Menu Item in the list.
- Check the box to enable it, click Save configuration.
- Verify menu placement: After enabling, confirm that an Anniversary menu item appears under People in the Administration toolbar.
- Assign permissions: Ensure that roles requiring access have the ***administer users*** permission, since the module leverages the Drupal core access control system.

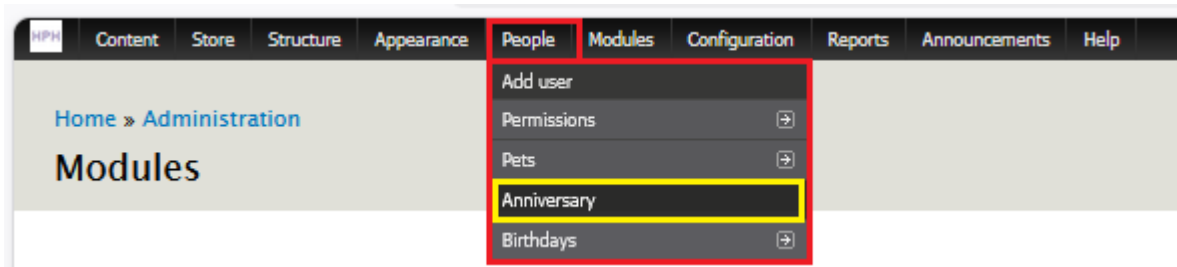
Configuration

- Menu verification: After enabling the module, confirm that an Anniversary menu item appears under People in the Administration toolbar. This is the central anchor point for all anniversary related functionality.
- Permissions check: Ensure that roles requiring access have the ***administer users*** permission. The module leverages the Drupal core access control system, so only users with this permission can view and interact with the Anniversary menu item.
- Field tab redirect: The “Field” tab under Anniversary redirects administrators to the configuration page for the Anniversary profile field. Verify that the redirect works correctly and that the anniversary field is properly configured in user profiles.
- Overview tab: The “Overview” tab serves as the default landing page for the Anniversary menu item. Confirm that it loads without errors and provides a clear entry point for anniversary related modules.
- Future module integration: No additional configuration is required for this module itself. However, other anniversary related modules (e.g., reports, reminders) will automatically attach under the Anniversary menu item once installed.

Usage

- Access: After installation, an Anniversary menu item should appear under People in the Administration toolbar. Administrators can click this menu item to access all anniversary-related functionality.
- Overview tab: The default landing page is the Overview tab. This serves as the central entry point for anniversary-related modules, providing a thematic anchor for future extensions.
- Integration with other modules: Once installed, additional anniversary related modules (such as Report or Coupon) are designed to automatically attach themselves under the Anniversary menu item, making them accessible from the same centralized location.
- Permissions: Only users with the ***administer users*** permission will see and interact with the Anniversary menu item and its tabs. This ensures that access is restricted to authorized roles.

Screenshots



Potential Extensions

- Anniversary Report: Generate a list of Anniversary falling between two given dates.
- Anniversary Coupon: Issue a Discount Coupon related to a user anniversary.