

Neubercart Anniversary Report

tl;dr

The **Neubercart Anniversary Report Module** (nc_anniversary_report) installs a user anniversary that surfaces information regarding the incumbency of users in the system.

Purpose

The purpose of the **Neubercart Anniversary Report Module** (nc_anniversary_report) is to enable site administrators to more easily take anniversary related action, should they so desire.

Scope

In Scope

- Anniversary menu integration: Adds a dedicated **Report** sub-sub-menu item under the **Anniversary** sub-menu item of the top-level **People** menu item in the Drupal Administrative GUI.
- Administrative usability: Ensures administrators can quickly locate and access user anniversary-related information.

Out of Scope

- 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 any fields in user profiles.

Benefits

- Improved discoverability: Makes user anniversary research easier to find by locating a dedicated report under **People » Anniversary » Report** heading, ensuring administrators can quickly identify, access and use the relevant report.
- Community engagement: Supports stronger connections to the user community by making follow-up actions like greetings or rewards more easily accessible.
- 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 » Report** where the module functionality may be accessed.
- Improved discoverability: Anniversary report functionality becomes easier to locate, reducing confusion and saving time when trying to enact community engagement programs.
- Streamlined administration: By locating the module in an thematic way, enables administrators to engage in related tasks more efficiently without hunting through scattered menus.
- Enhanced community engagement: Facilitates meaningful follow-up community engagement actions by making anniversary related information 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 a **Report** menu item under the **Anniversary** menu item located under the **People** menu in the Drupal Administration toolbar.
- Access control: The menu item must respect the Drupal permission system by ensuring only authorized users can view or manage anniversary related functionality.

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 future reviewer and developer friendliness.
- Maintainability: The module should be lightweight, easy to extend, and as future proof as possible, without disrupting the core system.
- UI clarity: The menu item must appear predictably, so administrators can locate it quickly and easily, with the ideal location being: **People » Anniversary » Report**.

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 built-in system permissions control access.
- Libraries: This module requires the **Neubercart Anniversary Menu Item Module** (nc_anniversary_menu_item). It does not depend on any other third-party libraries, external APIs, or contributed modules.

Permissions

- Custom permissions: The module does not define new permission strings. It relies entirely on Drupal's existing access control framework for consistency and simplicity.
- Administer users: Access to the Reports menu item 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 Report.

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 Report** in the list.
- Check the box to enable it
- Click Save configuration.
- Permissions: Ensure that roles requiring access have the ***administer users*** permission, since the module leverages the Drupal core access control system.
- Verification: After enabling and confirming permissions, confirm that the **People » Anniversary » Report** menu item appears in the Administration toolbar.

Configuration

- Menu: Confirm that the **People » Anniversary » Report** click path exists.
- Permissions: This module leverages the Drupal core access control system, so only users with this permission can view and interact with the Anniversary menu item, so confirm that the person who will be using the report has the ***administer users*** permission.

Usage

- Menu Location: Navigate to the report via **People » Anniversary » Report**.
- Begin Date: Use the date picker widget to select an inclusive **Begin Date**.
- End Date: Use the date picker widget to select an inclusive **End Date**.
- Click on the **List Anniversaries** button.
- If any users who joined the system on or between the **Begin Date** and the **End Date**, they will be listed along with anniversary relevant information.

Potential Extensions

None.