

# Database Structure

Paid Memberships Pro (PMPPro) uses a set of database tables to manage various aspects of its functionality.

## Table Of Contents

- [1. pmpro\\_discount\\_codes](#)
- [2. pmpro\\_discount\\_codes\\_levels](#)
- [3. pmpro\\_discount\\_codes\\_uses](#)
- [4. pmpro\\_membership\\_levels](#)
- [5. pmpro\\_membership\\_levelmeta](#)
- [6. pmpro\\_membership\\_ordermeta](#)
- [7. pmpro\\_membership\\_orders](#)
- [8. pmpro\\_memberships\\_categories](#)
- [9. pmpro\\_memberships\\_pages](#)
- [10. pmpro\\_memberships\\_users](#)
- [11. pmpro\\_subscriptions](#)
- [12. pmpro\\_subscriptionmeta](#)
- [13. pmpro\\_groups](#)
- [14. pmpro\\_membership\\_levels\\_groups](#)

Below is an overview of the database structure along with explanations of each table:

## 1. pmpro\_discount\_codes

This table stores information about discount codes.

- **id**: Unique identifier for each discount code.
- **code**: Discount code string.
- **starts**: Start date of the discount.

- **expires:** Expiry date of the discount.
- **uses:** Number of times the discount has been used.

## 2. pmpro\_discount\_codes\_levels

This table links discount codes to membership levels and defines specific pricing details for each level.

- **code\_id:** Foreign key linking to wp\_pmpro\_discount\_codes.
- **level\_id:** Foreign key linking to wp\_pmpro\_membership\_levels.
- **initial\_payment:** Initial payment amount.
- **billing\_amount:** Recurring billing amount.
- **cycle\_number:** Number of billing cycles.
- **cycle\_period:** Billing cycle period.
- **billing\_limit:** After how many cycles billing should stop.
- **trial\_amount:** Trial payment amount.
- **trial\_limit:** Number of trial cycles.
- **expiration\_number:** Number of cycles before membership expiration.
- **expiration\_period:** Period of time before membership expiration.

## 3. pmpro\_discount\_codes\_uses

This table tracks the usage of discount codes.

- **id:** Unique identifier for each discount code use.
- **code\_id:** Foreign key linking to wp\_pmpro\_discount\_codes.
- **user\_id:** User ID associated with the discount code use.
- **order\_id:** Order ID associated with the discount code use.
- **timestamp:** Timestamp of when the discount code was used.

## 4. pmpro\_membership\_levels

This table stores information about membership levels.

- **id:** Unique identifier for each membership level.
- **name:** Name of the membership level.
- **description:** Description of the membership level.
- **confirmation:** Confirmation message for new members.
- **initial\_payment:** Initial payment amount.
- **billing\_amount:** Recurring billing amount.
- **cycle\_number:** Number of billing cycles.
- **cycle\_period:** Billing cycle period.
- **billing\_limit:** After how many cycles billing should stop.
- **trial\_amount:** Trial payment amount.

- **trial\_limit:** Number of trial cycles.
- **allow\_signups:** Flag indicating whether signups are allowed.
- **expiration\_number:** Number of cycles before membership expiration.
- **expiration\_period:** Period of time before membership expiration.

## 5. pmpro\_membership\_levelmeta

This table stores metadata for membership levels.

- **meta\_id:** Unique identifier for each metadata entry.
- **pmpro\_membership\_level\_id:** Foreign key linking to wp\_pmpro\_membership\_levels.
- **meta\_key:** Metadata key.
- **meta\_value:** Metadata value.

## 6. pmpro\_membership\_ordermeta

This table stores metadata for membership orders.

- **meta\_id:** Unique identifier for each metadata entry.
- **pmpro\_membership\_order\_id:** Foreign key linking to wp\_pmpro\_membership\_orders.
- **meta\_key:** Metadata key.
- **meta\_value:** Metadata value.

## 7. pmpro\_membership\_orders

This table stores information about membership orders.

- **id:** Unique identifier for each membership order.
- **code:** Membership order code.
- **session\_id:** Session ID associated with the order.
- **user\_id:** User ID associated with the order.
- **membership\_id:** Membership level ID associated with the order.
- **paypal\_token:** Order details from PayPal using the token.
- **billing\_name:** Name entered on the billing address section, if applicable.
- **billing\_street:** Address entered on the billing address section, if applicable.
- **billing\_city:** City entered on the billing address section, if applicable.
- **billing\_state:** State entered on the billing address section, if applicable.
- **billing\_zip:** Zip Code entered on the billing address section, if applicable.
- **billing\_country:** Country entered on the billing address section, if applicable.
- **billing\_phone:** Phone number entered on the billing address section, if applicable.
- **subtotal:** Subtotal amount.
- **tax:** Tax amount.
- **checkout\_id:** Unique id to track multiple orders during the same checkout.

- **total:** Total amount.
- **payment\_type:** Payment type (e.g., credit card, PayPal).
- **card\_type:** Credit card type (e.g., Visa, Mastercard, etc.)
- **accountnumber:** Last 4 digits of the credit card used at checkout.
- **expirationmonth:** Month the credit card expires.
- **expirationyear:** Year the credit card expires.
- **status:** Order status (e.g., pending, success).
- **gateway:** Payment gateway used.
- **gateway\_environment:** Live or Sandbox
- **payment\_transaction\_id:** Unique payment identifier for the charge.
- **subscription\_transaction\_id:** Unique subscription identifiers for the charge, if applicable.
- **notes:** Custom notes about the order that admin adds or used by other Add Ons to store information.

## 8. pmpo\_memberships\_categories

This table links membership levels to categories.

- **membership\_id:** Foreign key linking to wp\_pmpo\_membership\_levels.
- **category\_id:** Category ID associated with the membership level.
- **modified:** Timestamp of last modified.

## 9. pmpo\_memberships\_pages

This table links membership levels to pages.

- **membership\_id:** Foreign key linking to wp\_pmpo\_membership\_levels.
- **page\_id:** Page ID associated with the membership level.
- **modified:** Timestamp of last modified.

## 10. pmpo\_memberships\_users

This table tracks a user's membership (separate of their membership orders) for deeper reporting. It also includes a list of statuses that you can use to build custom reports.

- **id:** Unique identifier for each membership entry.
- **user\_id:** User ID associated with the membership.
- **membership\_id:** Membership level ID associated with the membership.
- **code\_id:** ID of the discount code used at checkout, if applicable.
- **initial\_payment:** Payment amount initial paid at checkout for the membership.
- **billing\_amount:** Recurring subscription amount, if applicable.
- **cycle\_number:** The number of billing cycles between recurring payments.
- **cycle\_period:** The length of a billing cycle. Possible values are "Day", "Week", "Month", and "Year".
- **billing\_limit:** The maximum number of recurring payments will be charged ("0" for unlimited).

- **trial\_amount:** The amount that a user is charged for recurring payments during a trial period.
- **trial\_limit:** The number of recurring payments that should be considered a trial.
- **status:** Membership level status.
  - **active:** The user's current membership level
  - **admin\_cancelled:** The admin cancelled the user's membership under the **Users > Edit User** page.
  - **admin\_changed:** The user's level was changed by the admin under the **Users > Edit User** page.
  - **cancelled:** The user cancelled their membership via the frontend page set as "Cancel Page" under **Memberships > Page Settings**
  - **changed:** The user changed their membership to another option via a frontend membership checkout
  - **expired:** The user's membership expired and they did not renew or select a new level prior to expiration.
  - **inactive:** All of cases where the membership level changed. Also the status given to all inactive memberships before PMPro version 1.8.
- **startdate:** Date the membership level began per member.
- **enddate:** Date the membership level ended per member. Members with a recurring subscription do not have an end date until canceled.
- **modified:** Timestamp of the last change for a specific membership.

## 11. pmpro\_subscriptions

This table stores information about subscriptions.

- **id:** Unique identifier for each subscription.
- **user\_id:** User ID associated with the subscription.
- **membership\_level\_id:** Membership level ID associated with the subscription.
- **gateway:** Payment gateway used.
- **gateway\_environment:** Live or Sandbox
- **subscription\_transaction\_id:** Unique subscription identifiers for the charge, if applicable.
- **status:** Subscription status (e.g., active, cancelled).
- **startdate:** Date the subscription started.
- **enddate:** Date the subscription ended.
- **next\_payment\_date:** Next subscription payment date.
- **billing\_amount:** Recurring subscription amount.
- **cycle\_number:** The number of billing cycles between recurring payments.
- **cycle\_period:** The length of a billing cycle. Possible values are "Day", "Week", "Month", and "Year".
- **billing\_limit:** The maximum number of recurring payments will be charged ("0" for unlimited).
- **trial\_amount:** The amount that a user is charged for recurring payments during a trial period.
- **trial\_limit:** The number of recurring payments that should be considered a trial.
- **modified:** Timestamp of the last change for the subscription.

## 12. pmpro\_subscriptionmeta

This table stores metadata for subscriptions.

- **meta\_id**: Unique identifier for each metadata entry.
- **pmpo\_subscription\_id**: Foreign key linking to wp\_pmpo\_subscriptions.
- **meta\_key**: Metadata key.
- **meta\_value**: Metadata value.

### 13. pmpo\_groups

This table stores information about your membership level groups.

- **id**: Unique identifier for each level group.
- **name**: Name of the level group.
- **allow\_multiple\_selections**: Flag indicating whether multiple selections are allowed.
- **displayorder**: The order the groups show in on the levels page or in the admin.

### 14. pmpo\_membership\_levels\_groups

This table links membership levels to level groups.

- **id**: Unique identifier for each entry.
- **level**: Membership level ID associated with the entry.
- **group**: Group ID associated with the entry.

These tables collectively form the database structure for Paid Memberships Pro, facilitating the management of memberships, orders, discounts, and related data.

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