

Current MIM Database

This document will explain the general layout of the current relational database underpinning MIM's online platform. It will also contain a brief description of each table in the database (as of time/date of writing -- 21st July 2021). An entity relationship diagram can be found in the Github project: <https://github.com/DavidMcDonald1993/mim> .

Overview

As you can see below, the current database contains a great number of tables. Many are not really in use and not relevant to the project.

The key entities for the project are:

- Members: storing all static facts about a member business
- Users: all of the users registered for the service, and their place of work (member)
- Events: all of the in-person/online events hosted by MIM
- Event sessions: these are the individual sessions/breakout rooms held at a specific event. A user would attend two of these per event.
- News articles: all of the new articles published and scheduled to be published on the platform. Each article is tagged to one member who owns it.
- Messages: email-like messages sent between users of the platform
- Advertisements: viewing statistics of the advertisements on the platform.
- Commerces: a collection of all `things` that a member business can buy or sell.
- Sectors: a collection of sectors within manufacturing currently used to filter on the member directory page: <https://madeinthemidlands.com/members>
- Tenant: which major region an entity belongs to (One of Made in the Midlands or Made in Yorkshire)

All tables in MIM database

A small number of the tables are currently empty (indicated as such). A few tables do not have descriptions because I do not know their function.

Mim.accreditation_member

Linking table to connect members to accreditations.

Mim.accreditation_tenant

Linking table to connect accreditations to tenants. (allowable accreditations in each region)

Mim.accreditations

A set of external accreditations that a manufacturer can be awarded with.

Mim.advertisement_analytics

Collection of clicks/impressions for advertisements

Mim.advertisement_microsites

Linking table to designate with microsites show which adverts.

Mim.advertisement_requests

Stores JSON of advert with requesting user's ID.

Mim.advertisement_tenant

Linking table to limit which regions an advertisement can be shown in.

Mim.advertisements

Holds URLS of promoted member microsites

Mim.article_categories

Linking table to annotated news article with categories.

Mim.article_tag_news_article

Linking table to connect new articles and `tags`

Mim.article_tags

Collection of article tags (for example: security fencing, landlord checklist, robot, Additive Manufacturing, Made in Yorkshire)

Mim.audit_log

Stores past audits in JSON format

Mim.badge_member

Linking table between members and badges

Mim.badges

A collection of internal awards (and their descriptions) given to members, based on some achievement within the group. For example: The `Inclusivity Award` is given for `Members who have attended workshops on inclusion in the workplace and improving workplace mental health gain the inclusivity badge`.

Mim.calculator_result_requests

Stores results from the membership calculator (<https://madeinthemidlands.com/calculator>) in JSON form.

Mim.digest_logs

Statistics of sent digest articles (clicked/unsubscribed etc.)

Mim.digest_recipient_tenant

Linking table to connect digest recipients to regions

Mim.digest_recipients

Collection of people who have signed up to receive the digest

Mim.digest_record_article

Empty table

Mim.digest_record_recipient

Empty table

Mim.digest_record_user

Empty table

Mim.digest_records

Links digests to a tenancy

Mim.digests

When a digest was sent, what advert goes out with it etc.

Mim.event_attributes

Tags an event with a type (one of breakfast, social, webinar, inclusivity, virtual, exhibition, other

Mim.exhibition_visits

Links users to members who exhibit at an event.

Mim.exhibitions

Collection of exhibitions held by MIM (Backing Britain Live 2020, Made Futures Careers Week, Backing Britain 3.0).

Mim.hall_member

Links members to halls at events (where their stand is)

Mim.halls

Collection of halls at events

Mim.job_applications

Collection of users who apply for jobs, as well as pointers to their CVs.

Mim.job_tenant

Restricts jobs to be visible to certain regions.

Mim.jobs

Collection of jobs. Includes title and description in HTML form.

Mim.knowledge_hub_article_tenant

Restricts knowledge hub content by region.

Mim.knowledge_hub_articles

Content of knowledge hub pages (<https://madeinthemidlands.com/knowledge-hub>) and their corresponding URLs.

Mim.knowledge_hub_categories

Set of categories for the knowledge hub articles.

Mim.live_chat_conversations

Groups live chat messages together

Mim.live_chat_messages

All messages sent via the live-chat feature stored in plain text.

Mim.locations

All of the locations used to filter members in the member directory:

<https://madeinthemidlands.com/members>

Mim.media

Locations of all media (images etc.) used on the system

Mim.member_buys_commerce

Pairs members and commerces if a member buys that commerce

Mim.member_commerce_categories

A set of categories used to group commerces (<https://madeinthemidlands.com/members>)

Mim.member_commerces

A collection of `things` that members buy or sell

Mim.member_contact_details

Stores all addresses for a member business

Mim.member_enquiries

Collection of messages(questions) sent to member businesses from non-member users.

Mim.member_job_alerts

Stores users who want an alert if a job of a specific type / within a salary range is posted.

Mim.member_job_applications

Collection of supporting information for specific job applications.

Mim.member_job_user

Links the user who posted the job

Mim.member_jobs

Details about the jobs posted to the platform, stored in HTML.

Mim.member_sector

Links members to sectors

Mim.member_sells_commerce

Links members to a commerce if they sell it

Mim.member_team_member_tenant

Links team members to tenancies

Mim.member_team_members

The roles of people within a member business

Mim.member_tenant

Links members to a tenancy (Made in the Midlands/Made in Yorkshire)

Mim.member_upgrade_requests

Stores when members select to upgrade their membership level, who made the request and what level they would like.

Mim.member_user

Stores which members each user follows

Mim.members

Holds static facts about a member business. For example: name, number of employees, turnover, a profile in HTML form etc.

Mim.membership_attributes

Stores the price of each membership level.

Mim.memberships

Stores the names of all of the membership levels.

Mim.message_user

Links messages to their recipients.

Mim.messages

Stores the header and body of a message (in HTML form) as well as who sent it.

Mim.migrations

Laravel database migration information

Mim.news_article_tenant

Restricts news articles to a region

Mim.news_articles

Collection of all news articles in the system. Each article has a title, a category, SEO descriptors and content (in HTML form.)

Mim.notifications

Empty table

Mim.pages

Urls and content of pages on the site (for example:
<https://madeinthemidlands.com/who-are-we>)

Mim.partner_tenant

Empty table

Mim.partners

Empty table

Mim.payments

Invoices stored in JSON format.

Mim.recipient_article_category

Empty table

Mim.resource_folder_tenant

Restrict resource folders by region

Mim.resource_folders

Category names for resources

Mim.resource_resource_folder

Links resources to their folders

Mim.resource_tenant

Restrict resources by region

Mim.resources

Locations and descriptions of all of the resources that can be downloaded through the platform (email signatures etc.). (<https://madeinthemidlands.com/profile/resources>)

Mim.role_tenant

Links roles to tenancies

Mim.role_users

Assigns each user a role

Mim.roles

Roles and privileges of users on the system (Made Admin, Member, Receives Admin Payment Emails, Member Admin, Made Super Admin, Receives Admin Register Emails)

Mim.sector_tenant

Links sectors to tenancies

Mim.sectors

List of sectors used to filter members (<https://madeinthemidlands.com/members>)

Mim.staff

mim.staff_categories

mim.staff_tenant

mim.taggable_taggables

mim.taggable_tags

Mim.tenant_domains

Links tenants to internal domains (i.e. Made in the Midlands maps to madeinthemidlands.com)

Mim.tenant_testimonial

Tags testimonials to regions

mim.tenant_user

Mim.tenants

The collection of tenants in the system (Made in the Midlands, Made in Yorkshire, Made Futures).

Mim.testimonials

Content of the testimonials pages.

Mim.throttle

Mim.user_article_category

Empty table

Mim.user_virtual_event

Links users to the virtual events that they attended

Mim.users

All of the users in the system, who they work for, and their role. The field `company_role` was introduced to eliminate the previous ambiguity caused by free-text entry in the `company_position` field.

Mim.virtual_events

Collection of events held over zoom