

This UML class diagram illustrates the data model for the NPQ (National Professional Qualification) system. The diagram is organized into several functional areas, each represented by a box containing a list of classes and their attributes.

Providers and Partners:

- ECFIneligibleParticipant:** tm (string), reason (string).
- CpdLeadProvider:** name (text).
- LeadProvider:** name (string), vat_chargeable (boolean).
- CallOffContract:** version (string), raw (jsonb), uplift_target (decimal), uplift_amount (decimal), recruitment_target (integer), set_up_fee (decimal), revised_target (integer).
- ParticipantBand:** min (integer), max (integer), per_participant (decimal), output_payment_percentage (integer), service_fee_percentage (integer).
- ProviderRelationship:** discarded_at (datetime).
- DeliveryPartner:** name (string), discarded_at (datetime).
- CoreInductionProgramme:** name (string).
- Partnership:** challenged_at (datetime), challenge_reason (string), challenge_deadline (datetime), pending (boolean), report_id (uuid).
- InductionProgramme:** training_programme (string).
- Cohort:** start_year (integer (2)).
- LocalAuthority:** code (string), name (string).
- SchoolLocalAuthority:** start_year (integer (2)), end_year (integer (2)).
- NPQLeadProvider:** name (text), vat_chargeable (boolean).
- NPQContract:** raw (jsonb), recruitment_target (integer), course_identifier (string), service_fee_installments (integer), per_participant (decimal), number_of_payment_periods (integer), output_payment_percentage (integer).
- NPQApplication:** date_of_birth (date), teacher_reference_number (text), teacher_identifier (string), school_um (text), headteacher_status (text), active_alert (boolean), eligible_for_funding (boolean), funding_choice (text), nino (text), lead_provider_approval_status (text), school_ukpm (text), works_in_school (boolean), employer_name (string), employment_role (string).

Participants and Profiles:

- ParticipantIdentity:** email (ciphertext), external_identifier (uuid), origin (string).
- LeadProviderProfile:** discarded_at (datetime).
- SchoolCohort:** induction_programme_choice (string), estimated_teacher_count (integer), estimated_mentor_count (integer), opt_out_of_updates (boolean).
- ParticipantProfile:** school_id (uuid), core_induction_programme_id (uuid), cohort_id (uuid), mentor_profile_id (uuid), sparsity_uplift (boolean), pupil_premium_uplift (boolean), status (text), npq_course_id (uuid), school_um (text), school_ukpm (text), request_for_details_sent_at (datetime), training_status (string), profile_duplicity (string), notes (string), start_term (string).
- ParticipantProfileState:** state (text), reason (text).
- ProfileValidationDecision:** validation_step (string), approved (boolean), note (text).
- ParticipantProfile::ECF**, **ParticipantProfile::NPQ**, **ParticipantProfile::Mentor**, **ParticipantProfile::ECT** (enumerations).
- ECFParticipantValidationData:** full_name (string), date_of_birth (date), tm (string), nino (string), api_failure (boolean).
- ECFParticipantEligibility:** qts (boolean), active_flags (boolean), previous_participation (boolean), previous_induction (boolean), manually_validated (boolean), status (string), reason (string), different_tm (boolean).
- ParticipantDeclaration:** declaration_type (string), declaration_date (datetime), course_identifier (string), evidence_held (string), voided_at (datetime), state (string).
- ParticipantDeclaration::NPQ**, **ParticipantDeclaration::ECF** (enumerations).
- DeclarationState:** state (string), state_reason (string).
- ParticipantDeclarationAttempt:** declaration_type (string), declaration_date (datetime), course_identifier (string), evidence_held (string).
- ParticipantProfilesSchedule:** (enumeration: **ParticipantProfilesSchedule::NPQ**, **ParticipantProfilesSchedule::ECF**).

Schools and Local Authorities:

- School:** name (string), school_type_code (integer), address_line1 (string), address_line2 (string), address_line3 (string), postcode (string), domains (string), school_type_name (string), ukpm (string), school_phase_type (integer), school_phase_name (string), school_status_code (integer), school_status_name (string), secondary_contact_email (string), primary_contact_email (string), administrative_district_code (string), administrative_district_name (string), slug (string), section_41_approved (boolean).
- SchoolLink:** link_um (string), link_type (string), link_reason (string).
- Network:** name (string), group_type (string), group_id (string), group_uid (string), secondary_contact_email (string).
- PupilPremium:** start_year (integer (2)), total_pupils (integer), eligible_pupils (integer).
- SchoolLocalAuthorityDistrict:** start_year (integer (2)), end_year (integer (2)).
- LocalAuthorityDistrict:** code (string), name (string).
- DistrictSparsity:** start_year (integer (2)), end_year (integer (2)).

Finance:

- Finance::Schedule:** name (text), schedule_identifier (string), identifier_alias (text).
- Finance::Milestone:** name (text), milestone_date (date), payment_date (date), start_date (date), declaration_type (string).
- Finance::Statement:** name (text), deadline_date (date), payment_date (date), original_value (decimal).
- Finance::Schedule::ECF**, **Finance::Schedule::Mentor**, **Finance::Schedule::NPQLeadership**, **Finance::Schedule::NPQSpecialist**, **Finance::Schedule::NPQSupport** (enumerations).
- Finance::Statement::NPQ**, **Finance::Statement::ECF** (enumerations).

Other Entities:

- User:** full_name (string), email (ciphertext), login_token (string), login_token_valid_until (datetime), remember_created_at (datetime), last_sign_in_at (datetime), current_sign_in_at (datetime), current_sign_in_ip (inet), last_sign_in_ip (inet), sign_in_count (integer), discarded_at (datetime).
- TeacherProfile:** tm (string).
- FinanceProfile:** (empty class).
- InductionCoordinatorProfile:** discarded_at (datetime), reminder_email_sent_at (datetime).
- InductionCoordinatorProfilesSchool:** (empty class).

Analytics:

- Analytics::ECFParticipant:** user_id (string), user_created_at (datetime), real_time_attempts (integer), real_time_success (boolean), validation_submitted_at (datetime), tm_verified (boolean), school_um (string), school_name (string), establishment_phase_name (string), participant_type (string), participant_profile_id (string), cohort (string), mentor_id (string), nino (string), entered (boolean), manually_validated (boolean), eligible_for_funding (boolean), active (boolean), training_status (string), sparsity (boolean), pupil_premium (boolean), schedule_identifier (string), external_id (string).
- Analytics::ECFSchool:** name (string), um (string), nomination_email_opened_at (datetime), induction_tutor_nominated (boolean), tutor_nominated_time (datetime), induction_tutor_signed_in (boolean), induction_programme_choice (string), in_partnership (boolean), partnership_time (datetime), partnership_challenge_reason (string), partnership_challenge_time (string), lead_provider (string), delivery_partner (string), chosen_cip (string), school_type_name (string), school_phase_type (integer), school_phase_name (string), school_status_code (integer), school_status_name (string), postcode (string), administrative_district_code (string), administrative_district_name (string), active_participants (boolean), pupil_premium (boolean), sparsity (boolean).

The diagram shows a dense network of associations between these classes, indicating the complex relationships and data flow within the NPQ system.