

Database Specifications

1. Networks Table:

- **id**: Unique identifier for the network record (integer).
- **short_name**: A short abbreviation of the network name, up to 6 characters long (varchar).
- **long_name**: Full name of the network, up to 32 characters long (varchar).
- **decimal_places**: Number of decimal places used in the network's currency (bigint).
- Primary Key: **id**.

2. Referenda Table:

- **id**: Unique identifier for the referendum record (integer).
- **network_id**: Foreign key referencing the associated network in the networks table (integer).
- **referenda_number**: Referendum number within the network (integer).
- **amount**: Amount associated with the referendum, can be null (integer).
- **w3f_classification**: Classification category (tinyint).
- **final**: A binary flag indicating if the referendum is final (tinyint).
- **track, origin, preimage_hash, preimage_length, enactment_after**: Various additional attributes related to the referendum.
- **submitted_at, submission_ts, confirmed_ts, executed_ts**: Timestamps related to various stages of the referendum process.
- **submission_deposit_address, decision_deposit_address**: Addresses associated with deposits for submission and decision (varchar).
- **submission_deposit_amount, decision_deposit_amount**: Deposit amounts (bigint).
- **submission_exchange_rate, executed_exchange_rate**: Exchange rates applicable to the submission and execution (decimal).
- **confirming_since, tally_ayes, tally_nays, tally_support**: Various attributes related to voting and confirmation.
- **title**: Title of the referendum, up to 255 characters (varchar).
- **description**: Textual description of the referendum (text).
- Primary Key: **id**.
- Foreign Key Constraint: **network_id** references the **id** in the networks table.

3. Roles Table:

- **id**: Unique identifier for the role (tinyint).
- **name**: Name of the role, up to 50 characters (varchar).
- Primary Key: **id**.

4. Referenda Tags Table:

- **id**: Unique identifier for the referenda tag association (integer).
- **referenda_id**: Foreign key referencing the associated referendum (integer).
- **tag_id**: Foreign key referencing the associated tag (integer).
- Primary Key: **id**.
- Foreign Key Constraints: References **referenda** and **tags** tables on respective IDs.

5. Referenda W3F Classification Table:

- **id**: Unique identifier for the referenda W3F classification association (integer).
- **referenda_id**: Foreign key referencing the associated referendum (integer).
- **w3f_classification_id**: Foreign key referencing the associated W3F classification (integer).
- Primary Key: **id**.
- Foreign Key Constraints: References **referenda** and **w3f_classification** tables on respective IDs.

6. Tags Table:

- **id**: Unique identifier for the tag (integer).
- **tag_name**: Name of the tag, up to 64 characters (varchar).
- Primary Key: **id**.

7. Users Table:

- **id**: Unique identifier for the user (bigint).
- **address**: Address associated with the user, up to 255 characters (varchar).
- **created_at**: Timestamp for when the user was created.
- **updated_at**: Timestamp for the latest update to the user record.
- **signature**: User's signature (text).
- **role_id**: Role identifier, default value is '1' (tinyint).
- Primary Key: **id**.

8. W3F Classification Table:

- **id**: Unique identifier for the W3F classification (integer).
- **classification_name**: Name of the classification, up to 64 characters (varchar).

Primary Key: **id**.