Indian Heritage Hub

# users

|  |  |
| --- | --- |
| Column Name | Details |
| id | CHAR(36) – Unique identifier for each user |
| name | VARCHAR(255) – User's full name |
| email | VARCHAR(255) – Unique user email |
| password | VARCHAR(255) – User's hashed password |
| mobile\_no | INT – User's mobile number |
| birth\_date | DATE – User's birth date |
| created\_at | DATE – Account creation date |
| updated\_at | DATE – Last account update date |
| last\_login | DATE – Last login date |
| notification | BOOLEAN – Notification setting |
| bookmark | TEXT[] – List of bookmarked articles |
| status | VARCHAR(50) – Account status |
| profile\_pic | VARCHAR(255) – Profile picture path |
| bio | TEXT – User biography |

# authors

|  |  |
| --- | --- |
| Column Name | Details |
| id | SERIAL – Unique identifier for each author |
| name | VARCHAR(255) – Author's full name |
| user\_name | VARCHAR(255) – Unique username for the author |
| email | VARCHAR(255) – Author's email address |
| password | TEXT – Author's hashed password |
| phone\_no | VARCHAR(20) – Author's phone number |
| status | VARCHAR(50) – Account status |
| verified | BOOLEAN – Whether the account is verified |
| created\_at | TIMESTAMP – Account creation date |
| updated\_at | TIMESTAMP – Last account update date |
| last\_login | TIMESTAMP – Last login date |
| bio | TEXT – Author biography |
| social\_links | JSONB – Social media links |
| profile\_pic | VARCHAR(255) – Profile picture path |
| notifications | JSONB – Notification settings |

# admin

|  |  |
| --- | --- |
| Column Name | Details |
| id | SERIAL – Unique identifier for each admin |
| name | VARCHAR(255) – Admin's full name |
| email | VARCHAR(255) – Admin's email address |
| password | TEXT – Admin's hashed password |
| role | VARCHAR(50) – Role of the admin |
| permissions | JSONB – Admin permissions |
| status | VARCHAR(50) – Account status |
| created\_at | TIMESTAMP – Account creation date |
| modified\_at | TIMESTAMP – Last modification date |
| last\_login | TIMESTAMP – Last login |
| phone\_no | VARCHAR(20) – Admin's phone number |
| profile\_pic | VARCHAR(255) – Profile picture path |
| failed\_login\_attempts | INT – Failed login attempts |
| locked\_until | TIMESTAMP – Lock time after failed attempts |
| last\_password\_change | TIMESTAMP – Last password change |
| last\_password\_reset\_request | TIMESTAMP – Last password reset request |
| failed\_login\_reset\_at | TIMESTAMP – Last reset of failed login count |
| admin\_notes | TEXT – Internal admin notes |
| ip\_address | VARCHAR(45) – Last known IP address |
| last\_logout | TIMESTAMP – Last logout |
| login\_history | JSONB – Login history |
| deactivation\_reason | TEXT – Reason for deactivation |
| account\_type | VARCHAR(50) – Type of admin account |
| user\_id | CHAR(36) – Links to user table |

# articles

|  |  |
| --- | --- |
| Column Name | Details |
| id | SERIAL – Unique identifier for each article |
| author\_id | CHAR(36) – Foreign key to authors table |
| title | VARCHAR(255) – Article title |
| content | TEXT – Main article content |
| status | VARCHAR(50) – Article status |
| created\_at | TIMESTAMP – Article creation date |
| updated\_at | TIMESTAMP – Last article update date |
| published\_at | TIMESTAMP – Publication date |
| category | VARCHAR(255) – Article category |
| tags | TEXT[] – Tags associated with the article |
|  |  |
| meta\_keywords | TEXT[] – SEO keywords |
| cover\_image | VARCHAR(255) – Path to article's cover image |
| article\_image | VARCHAR(255) – Path to article's image |
| article\_video | VARCHAR(255) – Path to article's video |
| comments\_enabled | BOOLEAN – Whether comments are enabled |
| feedback\_enabled | BOOLEAN – Whether feedback is enabled |

# article\_interactions

|  |  |
| --- | --- |
| Column Name | Details |
| id | SERIAL – Unique identifier for each interaction |
| article\_id | INT – Foreign key to articles table |
| user\_id | CHAR(36) – Foreign key to users table |
| interaction\_type | VARCHAR(50) – Type of interaction |
| interaction\_timestamp | TIMESTAMP – Timestamp of interaction |
| comment\_text | TEXT – Comment text if interaction is comment |
| ip\_address | VARCHAR(45) – User's IP address |
| device\_type | VARCHAR(50) – Type of device used |
| reaction | VARCHAR(50) – User reaction |
| session\_id | VARCHAR(255) – Session ID |

# article\_metadata

|  |  |
| --- | --- |
| Column Name | Details |
| id | SERIAL – Unique metadata entry |
| article\_id | INT – Foreign key to articles table |
| word\_count | INT – Word count of the article |
| read\_time | INT – Estimated read time (in minutes) |
| image\_count | INT – Number of images |
| video\_count | INT – Number of videos |
| author\_notes | TEXT – Author's additional notes |
| average\_rating | DECIMAL(3,2) – Average rating |
| view\_count | INT – View count |
| comment\_count | INT – Comment count |
| featured\_image\_url | VARCHAR(255) – URL of the featured image |
| author\_id | CHAR(36) – Foreign key to authors table |

# user\_engagement

|  |  |
| --- | --- |
| Column Name | Details |
| id | SERIAL – Unique identifier for engagement |
| user\_id | CHAR(36) – Foreign key to users table |
| target\_user\_id | CHAR(36) – Target user (for follows) |
| article\_id | INT – Target article (for bookmarks/shares) |
| interaction\_type | VARCHAR(50) – Type of interaction |
| interaction\_details | JSONB – Extra details |
| created\_at | TIMESTAMP – Timestamp of interaction |
| updated\_at | TIMESTAMP – Last updated |

# notifications

|  |  |
| --- | --- |
| Column Name | Details |
| id | SERIAL – Unique notification ID |
| user\_id | CHAR(36) – Recipient user |
| sender\_id | CHAR(36) – Sender user |
| notification\_type | VARCHAR(50) – Type of notification |
| message | TEXT – Notification message |
| is\_read | BOOLEAN – Read status |
| created\_at | TIMESTAMP – Creation timestamp |
| updated\_at | TIMESTAMP – Last update |
| reference\_id | INT – Related entity ID |
| reference\_type | VARCHAR(50) – Type of entity |

# feedback

|  |  |
| --- | --- |
| Column Name | Details |
| id | SERIAL – Unique feedback ID |
| user\_id | CHAR(36) – User giving feedback |
| article\_id | INT – Article being rated |
| rating | DECIMAL(3,2) – Rating value |
| comment | TEXT – User's comment |
| created\_at | TIMESTAMP – Timestamp of feedback |
| updated\_at | TIMESTAMP – Last updated |

# search\_history

|  |  |
| --- | --- |
| Column Name | Details |
| id | SERIAL – Unique search record ID |
| user\_id | CHAR(36) – User who made the search |
| search\_query | TEXT – Search query entered |
| search\_timestamp | TIMESTAMP – Timestamp of search |
| results\_count | INT – Number of results |
| session\_id | VARCHAR(255) – Session ID |

# comment\_reports

|  |  |
| --- | --- |
| Column Name | Details |
| id | SERIAL – Unique report ID |
| comment\_id | INT – Comment being reported |
| user\_id | CHAR(36) – User who reported |
| reason | VARCHAR(255) – Report reason |
| report\_details | TEXT – Report details |
| report\_timestamp | TIMESTAMP – Timestamp of report |
| status | VARCHAR(50) – Report status |

# audit\_logs

|  |  |
| --- | --- |
| Column Name | Details |
| id | SERIAL – Unique audit log entry ID |
| action\_type | VARCHAR(50) – Type of action performed |
| action\_details | TEXT – Details of the action |
| admin\_id | INT – Foreign key to admin table |
| affected\_entity | VARCHAR(255) – Type of affected entity |
| entity\_id | INT – ID of the affected entity |
| action\_timestamp | TIMESTAMP – Timestamp of action |
| ip\_address | VARCHAR(45) – IP address |
| session\_id | VARCHAR(255) – Session ID |