# NoteWiki

Database model documentation

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# 1. Model details

**Model name:**

NoteWiki

**Version:**

2.3

**Database engine:**

SQLite

**Description:**

# 2. Tables

## 2.1. Table User

**Description:**

    The list of users is maintained in table.

### 2.1.1. Columns

| Column name | Type | Properties | Description |
|---|---|---|---|
| user_id | integer | PK | |
| user_name | varchar(255) | | |
| email | varchar(255) | | |
| password_hash | varchar(255) | | |
| role_id | integer | | |

## 2.2. Table Role

**Description:**

    The list of user's roles is maintained in table.

### 2.2.1. Columns

| Column name | Type | Properties | Description |
|---|---|---|---|
| role_id | integer | PK | |
| role_name | varchar(20) | | |
| permission | integer | | |

## 2.3. Table Content

**Description:**

    The wiki content within the NoteWiki app.

### 2.3.1. Columns

| Column name | Type | Properties | Description |
|---|---|---|---|
| content_id | integer | PK | |
| data | text | | |
| title | varchar(255) | | |
| last_edited | datetime | | |
| last_edited_by | varchar(255) | | |
| owner_id | integer | | |

| tag_id | integer | | |
|---|---|---|---|

## 2.4. Table Metadata

**Description:**

Each content additional features information called the meta data.

### 2.4.1. Columns

| Column name | Type | Properties | Description |
|---|---|---|---|
| metadata_id | integer | PK | |
| metadata | text | | |
| content_id | integer | | |

## 2.5. Table Category

**Description:**

The categories for each content maintained in the table.

### 2.5.1. Columns

| Column name | Type | Properties | Description |
|---|---|---|---|
| category_id | integer | PK | |
| category_name | varchar(255) | | |
| content_id | integer | | |
| parent_id | integer | null | |

## 2.6. Table Tag

**Description:**

The list of created tags is maintained in table.

### 2.6.1. Columns

| Column name | Type | Properties | Description |
|---|---|---|---|
| tag_id | integer | PK | |
| tag_name | integer | | |

# 3. References

## 3.1. Reference User_Role

| Role | 0..* | User |
|---|---|---|
| role_id | <-> | role_id |

## 3.2. Reference Content_User

| User | 0..* | Content |
|---|---|---|
| user_id | <-> | owner_id |

## 3.3. Reference ContentMetadata_Content

| Content | 0..1 | Metadata |
|---|---|---|
| content_id | <-> | content_id |

## 3.4. Reference Category_Content

| Content | 1..1 | Category |
|---|---|---|
| content_id | <-> | content_id |

## 3.5. Reference Category_Category

| Category | 0..* | Category |
|---|---|---|
| category_id | <-> | parent_id |

## 3.6. Reference Content_Tag

| Tag | 0..* | Content |
|---|---|---|
| tag_id | <-> | tag_id |