1. User

|  |  |  |
| --- | --- | --- |
| **Id** | Long | The unique id to identify the user. |
| **First Name** | Varchar | The first name of the user. |
| **Middle Name** | Varchar | The middle name of the user. |
| **Last Name** | Varchar | The last name of the user. |
| **Mobile** | Varchar | The mobile number of the user. It can be used for login and registration purposes. |
| **Email** | Varchar | The email of the user. It can be used for login and registration purposes. |
| **Password Hash** | Varchar | The password hash generated by the appropriate algorithm. We must avoid storing plain passwords. |
| **Registered At** | DateTime | This column can be used to calculate the life of the user with the blog. |
| **Last Login** | DateTime | It can be used to identify the last login of the user. |
| **Intro** | Varchar | The brief introduction of the Author to be displayed on each post. |
| **Profile** | Varchar | The author details to be displayed on the Author Page. |

1. Post

User 1-n Post

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Id** | Long | The unique id to identify the post. |
|  | **Author Id** | Long | The author id to identify the post author. |
|  | **Parent Id** | Long | The parent id to identify the parent post. It can be used to form the table of content of the parent post of series. |
|  | **Title** | Varchar | The post title to be displayed on the Post Page and the lists. |
|  | **Meta Title** | Varchar | The meta title to be used for browser title and SEO. |
|  | **Slug** | Varchar | The post slug to form the URL. |
|  | **Summary** | TINYTEXT | The summary of the post to mention the key highlights. |
|  | **Published** | TINYTEXT | It can be used to identify whether the post is publicly available. |
|  | **Created At** | DateTime | It stores the date and time at which the post is created. |
|  | **Updated At** | DateTime | It stores the date and time at which the post is updated. |
|  | **Published At** | DateTime | It stores the date and time at which the post is published. |
|  | **Content** | Text | The column used to store the post data. |

1. Post Meta

Post 1-n Post Meta

|  |  |  |
| --- | --- | --- |
| **Id** | Long | The unique id to identify the post meta. |
| **Post Id** | Long | The post id to identify the parent post. |
| **Key** | Varchar | The key identifying the meta. |
| **Content** | Text | The column used to store the post data. |

1. Post Comment

Post 1-n Post Comment

User 1-n Post Comment

|  |  |  |
| --- | --- | --- |
| **Id** | Long | The unique id to identify the post comment. |
| **Post Id** | Long | The post id to identify the parent post. |
| **Author Id** | Long | The author id to identify the comment |
| **Parent Id** | Long | The parent id to identify the parent comment. |
| **Title** | Varchar | The comment title. |
| **Published** | TINYTEXT | It can be used to identify whether the comment is publicly available. |
| **Created At** | DateTime | It stores the date and time at which the comment is submitted. |
| **Published At** | DateTime | It stores the date and time at which the comment is published. |
| **Content** | Text | The column used to store the comment data. |

1. Category

Category 1-n Post Category

|  |  |  |
| --- | --- | --- |
| **Id** | Long | The unique id to identify the category. |
| **Parent Id** | Long | The parent id to identify the parent category. |
| **Title** | Varchar | The category title. |
| **Meta Title** | Varchar | The meta title to be used for browser title and SEO. |
| **Slug** | Varchar | The category slug to form the URL. |
| **Content** | Text | The column used to store the category data. |

1. Post Category

Post 1-n Post Category

|  |  |  |
| --- | --- | --- |
| **Post Id** | Long | The post id to identify the post. |
| **Category Id** | Long | The category id to identify the category. |

1. Notice

Id

Id author

Content notice

Status

Date\_notice

Users 1-n Noice

1. Wallet

Id

Id auth

Total wallet balance

User 1-n wallet

1. Wallet transaction

Id

Id wallet

Type transaction

total wallet transaction

date transaction

Wallet 1-n wallet transaction