|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
| admin | id | admin id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | email | email | VARCHAR (25) | Xxxx xxx | Max 25 Char | Y |  |  |
|  | password | password | VARCHAR (25) | Xxxx xxx | Max 25 Char |  |  |  |
|  | admin\_follower\_id | admin\_follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin\_follower |
|  | admin\_calendar\_id | admin\_calendar\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin\_calendar |
|  | admin\_image\_id | admin\_image\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin\_image |
|  | admin\_comment\_id | admin\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin\_comment |
|  | admin\_qrCode\_id | admin\_qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin\_qrCode |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
|  | admin\_like\_id | admin\_like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin\_like |
| user | id | admin id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | fName | fName | VARCHAR (15) | Xxxx xxx | Max 15 Char |  |  |  |
|  | email | email@name.com | VARCHAR (25) | Xxxx xxx | Max 25 Char |  |  |  |
|  | password | password | VARCHAR (25) | Xxxx Xxx | Max 25 Char |  |  |  |
|  | user\_comment\_id | user\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | user\_coment |
|  | user\_like\_id | user\_like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | user\_like |
|  | user\_follower\_id | user\_follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | user\_follower |
| moderator | id | moderator id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
|  | email | [jw@gmail.com](mailto:jw@gmail.com) | VARCHAR (50) | xxxxx | Max 50 Char |  |  |  |
|  | password | password | VARCHAR (25) | Xxxx xxx | MAX 25 Char | Y |  |  |
|  | moderator\_calendar\_id | moderator\_calendarid number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderator\_calendar |
|  | moderator\_comment\_id | moderator\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderator\_comment |
|  | moderator\_image\_id | moderator\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderator\_comment |
|  | moderator\_follower\_id | moderator\_follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderator\_follower |
|  | moderator\_qrCode\_id | moderator\_qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderator\_qrCode |
|  | moderator\_like\_id | moderator\_like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderator\_like |
| displayer | id | displayer id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
|  | email | [jw@gmail.com](mailto:jw@gmail.com) | VARCHAR (50) | xxxxx | Max 50 Char |  |  |  |
|  | password | password | VARCHAR (25) | Xxxx xxx | MAX 25 Char | Y |  |  |
|  | displayer\_calendar\_id | displayer\_calendar\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer\_calendar |
|  | displayer\_comment\_id | displayer\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer\_comment |
|  | displayer\_image\_id | displayer\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer\_comment |
|  | displayer\_follower\_id | displayer\_follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer\_follower |
|  | displayer\_qrCode\_id | displayer\_qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer\_qrCode |
|  | displayer\_like\_id | displayer\_like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer\_like |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
| calendar | id | calendar id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | date | 02/02/2023 | DATE | xxxxx | DATE |  |  |  |
|  | details | Details info | VARCHAR (225) | Xxxx xxx | MAX 225 Char | Y |  |  |
|  | admin\_calendar\_id | admin\_calendar\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin\_calendar |
|  | moderater\_calendar\_id | moderater\_calendar\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | Moderate\_calendar |
| follower | id | follower id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | tag | Tick | VARCHAR (10) | Xx | Max 10 Char |  |  |  |
|  | admin\_follower\_id | admin\_follower\_id number | BIGINT[UNSIGED} | 101 | 0-184467440737095 | Y | FK | admin\_follower |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
|  | displayer\_follower\_id | displayer\_follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer\_follower |
|  | moderater\_follower\_id | moderater\_follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderate\_follower |
|  | user\_follower\_id | user\_follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | user\_follower |
| comment | id | comment id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | comment\_tag | comment\_details | VARCHAR (225) | Xxxx xxx | MAX CHAR 255 |  |  |  |
|  | admin\_commet\_id | admin\_commet\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin\_comment |
|  | moderater\_commet\_id | moderater\_commet\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderater\_comment |
|  | displayer\_commet\_id | displayer\_commet\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer\_comment |
|  | user\_commet\_id | user\_commet\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | user\_comment |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
|  | like\_tag\_id | like\_tag\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | like\_tag |
| image | id | image\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | admin\_image\_id | admin\_image\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin\_image |
|  | moderater\_image\_id | moderater\_image\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderater\_image |
|  | displayer\_image\_id | displayer\_image\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer\_image |
|  | image\_like\_id | image\_like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | image\_like |
| user\_follower | id | user\_follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | user\_id | user\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | user |
|  | follower\_id | follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | follower |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
| admin\_follower | admin\_follower\_id | admin\_follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | admin\_id | admin\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin |
|  | follower\_id | follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | follower |
| moderater\_follower | moderater\_follower\_id | moderater\_follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | moderater\_id | moderater\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderater |
|  | follower\_id | follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | follower |
| displayer\_follower | displayer\_follower\_id | displayer\_follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | displayer\_id | displayer\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
|  | follower\_id | follower\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | follower |
| displayer\_comment | displayer\_comment\_id | displayer\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | displayer\_id | displayer\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer |
|  | comment\_id | comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | comment |
| moderater\_comment | moderater\_comment\_id | moderater\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | moderater\_id | moderater\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderater |
|  | comment\_id | comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | comment |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
| admin\_comment | admin\_comment\_id | admin\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | admin\_id | admin\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin |
|  | comment\_id | comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | comment |
| user\_comment | user\_comment\_id | user\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | user\_id | user\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | user |
|  | comment\_id | comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | comment |
| admin\_image | admin\_image\_id | admin\_image\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | admin\_id | admin\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
|  | image\_id | image\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | image |
| moderater\_image | moderater\_image\_id | moderater\_image\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | moderater\_id | moderater\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderater |
|  | image\_id | image\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | image |
| displayer\_image | displayer\_image\_id | displayer\_image\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | displayer\_id | displayer\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer |
|  | image\_id | image\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | image |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
| admin\_comment | admin\_comment\_id | admin\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | admin\_id | admin\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin |
|  | comment\_id | comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | comment |
| moderater\_comment | moderater\_comment\_id | moderater\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | moderater\_id | moderater\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderater |
|  | comment\_id | comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | comment |
| displayer\_comment | displayer\_comment\_id | displayer\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | displayer\_id | displayer\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
|  | comment\_id | comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | comment |
| user\_comment | user\_comment\_id | user\_comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | user\_id | user\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin |
|  | comment\_id | comment\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | comment |
| qrCode | qrCode\_id | qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | admin\_qrCode\_id | admin\_qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin\_qrCode |
|  | displayer\_qrCode\_id | displayer\_qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer\_qrCode |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
|  | moderater\_qrCode\_id | moderater\_qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderate\_qrCode |
| admin\_qrCode | admin\_qrCode\_id | admin\_qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | admin\_id | admin\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | admin |
|  | qrCode\_id | qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | qrCode |
| moderater\_qrCode | moderater\_qrCode\_id | moderater\_qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | moderater\_id | moderater\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderater |
|  | qrCode\_id | qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | qrCode |
| displayer\_qrCode | displayer\_qrCode\_id | displayer\_qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
|  | displayer\_id | displayer\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | qrCode |
|  | qrCode\_id | qrCode\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | qrCode |
| like | id | like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | tag | Tag-icon??? | VARCHAR (10) | Xx | MaxCHAR 10 |  |  |  |
|  | moderater\_like\_id | moderater\_likee\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderater\_like |
|  | displayer\_like\_id | displayer\_like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer\_like |
|  | user\_like\_id | user\_like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | user\_like |
|  | image\_like\_id | image\_like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | image\_like |
| moderater\_like | moderater\_like\_id | moderater\_like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
|  | moderater\_id | moderater\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | moderater |
|  | like\_id | like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | like |
| user\_like | user\_like\_id | user\_like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | user\_id | user\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | user |
|  | like\_id | like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | like |
| displayer\_like | displayer\_like\_id | displayer\_like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | PK |  |
|  | displayer\_id | displayer\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | displayer |
| Table | Attribute | Contents | Type | Format | Range | Required | PK or FK | FK |
|  | like\_id | like\_id number | BIGINT[UNSIGED] | 101 | 0-184467440737095 | Y | FK | like |