|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Table Name** | **Fields** | **Data Type** | **Require** | **PK/FK** | **Default** | **References** | **Note** |
| d\_users | id | INT | Y | PK | SERIAL |  |  |
| fullname | VARCHAR(50) | Y |  |  |  |  |
| username | VARCHAR(50) | Y |  |  |  | UNIQUE |
| password | VARCHAR | Y |  |  |  |  |
| image\_url | VARCHAR(100) | N |  |  |  |  |
| phone | VARCHAR(50) | Y |  |  |  |  |
| email | VARCHAR(50) | Y |  |  |  |  |
| store | List<Store> |  |  |  |  | Define in POJO |
| status | BOOLEAN | Y |  | true |  |  |
| created\_date | TIMESTAMP | Y |  | now() |  |  |
| d\_stores | id | INT | Y | PK | SERIAL |  |  |
| name | VARCHAR(100) | Y |  |  |  |  |
| image\_url | VARCHAR(100) | N |  |  |  |  |
| Phone | VARCHAR | N |  |  |  |  |
| Email | VARCHAR | N |  |  |  |  |
| Address | VARCHAR | N |  |  |  |  |
| website | VARCHAR(100) | N |  |  |  |  |
| status | BOOLEAN | Y |  | true |  |  |
| created\_date | TIMESTAMP | Y |  | now() |  |  |
|  |  |  |  |  |  |  |
|
| d\_products | id | INT | Y | PK | SERIAL |  |  |
| name | VARCHAR(100) | Y |  |  |  |  |
| image\_url | VARCHAR(100) | N |  |  |  |  |
| store\_id | INT | Y | FK |  | d\_stores |  |
| status | BOOLEAN | Y |  | true |  |  |
| created\_date | TIMESTAMP | Y |  | now() |  |  |
| d\_posts | id | INT | Y | PK | SERIAL |  |  |
| user\_id | INT | Y | FK |  | d\_users |  |
| title | VARCHAR(100) | Y |  |  |  |  |
| description | TEXT | N |  |  |  |  |
| image\_url | VARCHAR(100) | Y |  |  |  |  |
| store\_id | INT | Y | FK |  | d\_stores |  |
| product\_id | INT | Y | FK |  | d\_products |  |
| price | REAL | Y |  |  | price >= 0 |  |
| code | VARCHAR(20) | N |  |  |  |  |
| number\_of\_positive\_vote | INT | Y |  | 0 |  |  |
| number\_of\_negative\_vote | INT | Y |  | 0 |  |  |
| max\_vote | INT | Y |  |  |  |  |
| status | BOOLEAN | Y |  | true |  |  |
| state\_date | DATE | Y |  | now() |  |  |
| ended\_date | DATE | Y |  |  |  |  |
| d\_vote | id | INT | Y | PK | SERIAL |  |  |
| post\_id | INT | Y | FK |  | d\_posts |  |
| user\_id | INT | Y | FK |  | d\_users |  |
| vote\_type | CHAR | Y |  |  |  | N: negative  P: Positive |
| created\_date | TIMESTAMP | Y |  | now() |  |  |