**Houzz**

Database description

**v1.0**

REVISION HISTORY

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Created by** |
| 01/09/2016 | 1.0 | This document describe all database tables used in project Clone Houzz | Nguyễn Quang Bách |
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# DETAIL

## Table: acess\_token

### **<Purpose>**

* Store information used to authorized for each login session of user

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| access\_token | varchar(30) |  |  | x |  | Unique string genereated for each session |  |
| device\_type | varchar(10) |  |  | x |  | Store type of device login: WEB/MOBILE |  |
| access\_time | timestampz(6) |  |  | x |  | Time user login in |  |
| user\_id | int(4) |  | x | x |  |  |  |
| language\_code | varchar(5) |  |  |  |  | The language user uses for the session |  |
| date\_created | timestampz(6) |  |  | x |  | Same to access\_time |  |
| phone\_token | varchar(200) |  |  |  |  | Store token string generated by Apple/google for each session of device login (to send push notification) |  |
| phone\_type | varchar(10) |  |  |  |  | Type of mobile device: IOS/ANDROID |  |

## Table: address

### **<Purpose>**

* Store address’s data

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| address\_type\_id | int(4) |  | x | x |  | The type of address, linked to table address\_type |  |
| full\_name | varchar(100) |  |  | x |  | The contact full name |  |
| address\_line1 | varchar(200) |  |  | x |  | Address line 1 |  |
| address\_line 2 | varchar(400) |  |  |  |  | Address line 2 |  |
| city | varchar(100) |  |  | x |  | City |  |
| country | varchar(100) |  |  | x |  | Country |  |
| province | varchar(100) |  |  | x |  | Province |  |
| post\_code | varchar(10) |  |  | x |  | ZIP CODE |  |
| phone\_number | varchar(15) |  |  | x |  | Contact phone number |  |
| extension | varchar(100) |  |  |  |  |  |  |
| is\_default | bool |  |  | x |  | check if address is default or not |  |

## Table: address\_type

### **<Purpose>**

* Define all address types system supports like: shipping, billing, normal

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| name | varchar(80) |  |  | x |  |  |  |

## Table: advanced\_setting

### **<Purpose>**

* Store attributes and values for advaned setting of user

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| user\_id | int(4) | x | x | x |  |  |  |
| key | varchar(10) |  |  | x |  | Store key of attribute in advanced setting screen |  |
| value | text |  |  |  |  | Store value matched with the key chosen by user |  |
| status\_code | int(1) |  |  | x | 0 | Status code of item. Default = 0 (normal) |  |
| display\_order | int(2) |  |  | x | 0 | The display order of the item, default = 0 |  |
| date\_created | timestampz(6) |  |  | x |  | The time that item created |  |
| date\_last\_update | timestampz(6) |  |  |  |  | Time that item updated |  |

## Table: auth\_group

### **<Purpose>**

* This table belongs to django

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| name | varchar(80) |  |  |  |  |  |  |

## Table: auth\_group\_permissions

### **<Purpose>**

* This table belongs to django

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| group\_id | int(4) |  | x | x |  |  |  |
| permission\_id | int(4) |  | x | x |  |  |  |

## Table: auth\_permission

### **<Purpose>**

* This table belongs to django

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| name | varchar(255) |  |  |  |  |  |  |
| content\_type\_id | int(4) |  | x | x |  |  |  |

## Table: auth\_user

### **<Purpose>**

* This table store user’s main data. This table belongs to django

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| password | varchar(128) |  |  | x |  |  |  |
| last\_login | timestampz(6) |  |  |  |  |  |  |
| is\_superuser | bool |  |  | x |  |  |  |
| username | varchar(30) |  |  | x |  |  |  |
| first\_name | varchar(30) |  |  | x |  |  |  |
| last\_name | varchar(30) |  |  | x |  |  |  |
| email | varchar(254) |  |  | x |  |  |  |
| is\_staff | bool |  |  | x |  |  |  |
| is\_active | bool |  |  | x |  |  |  |
| date\_join | timestampz(6) |  |  | x |  |  |  |

## Table: auth\_user\_groups

### **<Purpose>**

* This table belongs to django

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| user\_id | int(4) |  | x | x |  |  |  |
| group\_id | int(4) |  | x | x |  |  |  |

## Table: auth\_user\_user\_permissions

### **<Purpose>**

* This table belongs to django

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| user\_id | int(4) |  | x | x |  |  |  |
| permission\_id | int(4) |  | x | x |  |  |  |

## Table: bookmark

### **<Purpose>**

* This table store all items user bookmarked

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | DF | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| user\_id | int(4) |  | x | x |  |  |  |
| object\_id | int(4) |  |  | x |  | The id of item will be bookmarked |  |
| object\_type | varchar(10) |  |  | x |  | The type of item will be bookmarked |  |
| status\_code | int(1) |  |  | x | 0 | dafault = 0 |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |

## Table: category\_attribute

### **<Purpose>**

* This table defines all attributes belong to specific categories

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| category\_id | int(4) |  | x | x |  |  |  |
| key | varchar(20) |  |  | x |  | Key of attribute |  |
| value | varchar(400) |  |  |  |  | options to be chosen, if null, user will enter free text |  |
| description | varchar(400) |  |  |  |  |  |  |

## Table: comment

### **<Purpose>**

* Store all comments of user about any items

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| object\_id | int(4) |  |  | x |  | id of the item commented |  |
| object\_type | varchar(10) |  |  | x |  | type of the item commented |  |
| text | text |  |  |  |  |  |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| privacy | int(1) |  |  | x |  | Define privacy mode of the comment (private/public) |  |
| created\_by | int(4) |  |  | x |  | Owner |  |
| updated\_by | int(4) |  |  |  |  | Last update user |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: configuration

### **<Purpose>**

* This table stores all configurations in the system

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| name | varchar(100) | x |  | x |  |  |  |
| description | varchar(100) |  |  |  |  |  |  |
| value | varchar(100) |  |  |  |  |  |  |

## Table: default\_advanced\_setting

### **<Purpose>**

* This table defines all default advaned setting attributes

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| key | varchar(10) |  | x | x |  | Key of the attribute |  |
| name | varchar(100) |  |  |  |  | values of the attribue user can choose. If null, user can enter free text |  |
| value | text |  |  |  |  |  |  |

## Table: django\_admin\_log

### **<Purpose>**

* This table belongs to django

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| action\_time | timestampz(6) |  |  | x |  |  |  |
| object\_id | text |  |  | x |  |  |  |
| object\_repr | varchar(200) |  |  | x |  |  |  |
| action\_flag | int(2) |  |  | x |  |  |  |
| change\_message | text |  |  |  |  |  |  |
| content\_type\_id | int(4) |  |  | x |  |  |  |
| user\_id | int(4) |  | x | x |  |  |  |

## Table: django\_content\_type

### **<Purpose>**

* This table belongs to django

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| app\_label | varchar(100) |  |  |  |  |  |  |
| model | varchar(100) |  |  |  |  |  |  |

## Table: email\_verification

### **<Purpose>**

* This table stores all records related to email verification

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| token | varchar(100) | x |  | x |  | Unique strings will be created by system (UUID) |  |
| email | varchar(100) |  |  | x |  |  |  |
| user\_id | int(4) |  | x |  |  |  |  |
| is\_expired | bool |  |  |  | false |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_used | timestampz(6) |  |  |  |  | When email is verified, this column will be updated |  |

## Table: extra\_attribue

### **<Purpose>**

* This table stores all extra attributes (key + value) matches with the key in table category\_attribute

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| product\_id | int(4) |  | x | x |  |  |  |
| key | varchar(20) |  |  | x |  |  |  |
| value | varchar(100) |  |  |  |  |  |  |

## Table: file

### **<Purpose>**

* Store all files in this system

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| type | varchar(10) |  |  | x |  | Type of file:photo/video/icon/exe… |  |
| description | text |  |  |  |  |  |  |
| data | blob |  |  |  |  |  |  |
| guid | varchar(15) |  |  |  |  | unique string used for s3 amazon |  |
| url | varchar(100) |  |  |  |  | absolute url |  |
| thumbnail\_data | blob |  |  |  |  | for thumbnail |  |
| thumbnail\_guid | varchar(15) |  |  |  |  | for thumbnail |  |
| thumbnail\_url | varchar(100) |  |  |  |  | for thumbnail |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| created\_by | int(4) |  |  | x |  |  |  |
| updated\_by | int(4) |  |  |  |  |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestmapz(6) |  |  |  |  |  |  |

## Table: file\_relationship

### **<Purpose>**

* This table stores all relationship between files and the items they attached

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| file\_id | int(4) |  | x | x |  |  |  |
| object\_id | int(4) |  |  | x |  |  |  |
| object\_type | varchar(10) |  |  | x |  |  |  |
| status\_code | varchar(150) |  |  | x | 0 |  |  |
| display\_order | int(2) |  |  | x |  |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |

## Table: country

### **<Purpose>**

* This table stores all comments of user about any items.

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| country\_code | varchar(10) |  |  |  |  |  |  |
| iso\_code | varchar(10) |  |  |  |  |  |  |
| name | varchar(100) |  |  |  |  |  |  |
| description | varchar(100) |  |  |  |  |  |  |

## Table: follow

### **<Purpose>**

* This table stores relationship between two users.

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| user\_id1 | int(4) |  | x | x |  | the first user\_id |  |
| user\_id2 | int(4) |  | x | x |  | the second user\_id |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: idea\_book

### **<Purpose>**

* This table stores information about the idea book

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| title | varchar(100) |  |  | x |  |  |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| privacy | int(1) |  |  | x |  | private/public |  |
| description | text |  |  |  |  |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: idea\_book\_user

### **<Purpose>**

* This table stores relationship between users and idea book

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| idea\_book\_id | int(4) |  | x | x |  | link to table idea\_book |  |
| user\_id | int(4) |  | x | x |  | link to table auth\_user |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| type | varchar(10) |  |  | x |  | type of user: owner/co-op/admin/writer |  |
| date\_created | timestampz(6) |  |  | x |  | date that relationship created |  |
| date\_last\_update | timestampz(6) |  |  |  |  | date that relationship updated |  |

## Table: language

### **<Purpose>**

* This table defines all language system supports

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| language\_code | varchar(10) |  |  |  |  | Language code follow iso format like: VN/ EN/ CN |  |
| name | varchar(100) |  |  |  |  | detail name like: vietnamese, english |  |
| description | varchar(100) |  |  |  |  | detail information |  |

## Table: localize

### **<Purpose>**

* This table stores localized text related to language and the items

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| object\_type | varchar(10) |  |  | x |  | type of object will be used to localized, example: product/product\_category |  |
| object\_id | int(4) |  |  | x |  | id of object will be used to localized |  |
| language\_code | varchar(10) |  |  | x |  | language code related to the language will be used |  |
| key | varchar(10) |  |  | x |  | the attribute will be localized. Example: name/description/color |  |
| text | text |  |  |  |  | localized text |  |
| status\_code |  |  |  | x | 0 |  |  |
| display\_order | int(2) |  |  | x | 0 | display order of the text in the list of many localized text |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |

## Table: login\_account\_type

### **<Purpose>**

* This table stores all information we need to use social login methods (like facebook/google)

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  |  |
| name | varchar(30) |  |  | x |  | type of social login: google/facebook |  |
| account\_id | varchar(50) |  |  | x |  | the account id google/facebook provided houzz to connect |  |
| account\_key | varchar(100) |  |  | x |  | key provided by google/facebook |  |
| account\_secret | varchar(100) |  |  | x |  | secret key provided by google/facebook |  |
| request\_permission | varchar(100) |  |  | x |  | what we request to get like: gender/email/phone… |  |

## Table: message

### **<Purpose>**

* This table stores all messages between two users

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| title | varchar(100) |  |  | x |  |  |  |
| sender\_id | int(4) |  | x | x |  | id of sender |  |
| receiver\_id | int(4) |  | x | x |  | id of receiver |  |
| message\_text | text |  |  | x |  | the content of message |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  | date that message created |  |
| date\_last\_update | timestampz(6) |  |  |  |  | date that message updated (deleted/edited…) |  |

## Table: order

### **<Purpose>**

* This table stores the orders created by users

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| user\_id | int(4) |  | x | x |  | id of user made an order |  |
| current\_status\_code | int(1) |  |  | x | 0 | current status of the order. When an order created, the status code = 0. |  |
| date\_created | timestampz(6) |  |  | x |  | date that order created |  |
| date\_last\_update | timestampz(6) |  |  |  |  | date that order is updated |  |

## Table: order\_product

### **<Purpose>**

* This table stores relationship between orders and products

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| order\_id | int(4) |  | x | x |  | linked to table order |  |
| product\_id | int(4) |  | x | x |  | linked to table product |  |
| quantity | int(4) |  |  | x |  | the number or product |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: order\_status\_history

### **<Purpose>**

* This table stores status history of the order

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| order\_id | int(4) |  | x | x |  |  |  |
| status\_code | int(1) |  |  | x |  | 0 = CREATED 1 = ORDERED 2 = PENDING  3 = REJECTED  4 = PAID  5 = REFUNDED  6 = CANCELED |  |
| date | timestampz(6) |  |  | x |  |  |  |
| description | text |  |  |  |  |  |  |

## Table: payment\_type

### **<Purpose>**

* This table defines all payment types can be used in the system

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  |  |
| name | varchar(10) |  |  | x |  | CASH/COUPON/PAYPAL |  |
| description | varchar(100) |  |  |  |  |  |  |

## Table: post

### **<Purpose>**

* This table stores all posts by users

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| title | varchar(100) |  |  | x |  | the tilte |  |
| text | text |  |  |  |  | the content |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| privacy | int(1) |  |  | x |  | private/public (private = -1, public = 1) |  |
| created\_by | int(4) |  |  | x |  |  |  |
| updated\_by | int(4) |  |  |  |  |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: post\_sharing

### **<Purpose>**

* This table defines where the posts shared

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| post\_id | int(4) |  | x | x |  |  |  |
| object\_shared\_type | varchar(10) |  |  | x |  | same logic to comment |  |
| object\_shared\_id | int(4) |  |  | x |  | same logic to comment |  |
| status\_code | int(1) |  |  |  | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |

## Table: product

### **<Purpose>**

* This table stores information about product in the system

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| title | varchar(100) |  |  | x |  |  |  |
| type | varchar(10) |  |  | x |  | photo/product |  |
| product\_category\_id | int(4) |  | x | x |  | link to table product\_category |  |
| style\_id | int(4) |  | x | x |  | link to table product\_style |  |
| country\_id | int(4) |  | x | x |  | link to table country |  |
| project\_id | int(4) |  | x | x |  | link to table project |  |
| city | varchar(100) |  |  |  |  | name of city |  |
| zip\_code | varchar(10) |  |  |  |  | zip code |  |
| website | varchar(100) |  |  |  |  | url of website |  |
| keywords | varchar(400) |  |  |  |  | keyword, splitted by semicolon |  |
| price | numeric |  |  |  |  | the price of product |  |
| currency\_code | varchar(10) |  |  |  |  | currency code: VND/USD |  |
| description | text |  |  |  |  | description |  |
| user\_id | int(4) |  |  | x |  | owner user id |  |
| group\_product | text |  |  |  |  | all product id in the same group, splitted by colon |  |
| group\_by | varchar(10) |  |  |  |  | the attribute key will be used to group by (in table category\_attribute), example: color |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| quantity | int(4) |  |  | x |  | stock number |  |
| verified\_by | int(4) |  |  |  |  | the id of admin verified |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  | x |  |  |  |

## Table: product\_category

### **<Purpose>**

* The table stores information about product category in the system

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| parent\_id | int(4) |  | x |  |  | the parent id, in the same table |  |
| name | varchar(100) |  |  | x |  |  |  |
| description | varchar(100) |  |  |  |  |  |  |
| display\_order | int(2) |  |  |  | 0 |  |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: product\_style

### **<Purpose>**

* The table stores information about product style in the system

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| parent\_id | int(4) |  | x |  |  | the parent id, in the same table |  |
| description | varchar(100) |  |  | x |  |  |  |
| display\_order | int(2) |  |  |  | 0 |  |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: project

### **<Purpose>**

* Store project’s data

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| user\_id | int(4) |  | x | x |  |  |  |
| name | varchar(100) |  |  | x |  |  |  |
| type | varchar(10) |  |  | x |  | photo/product |  |
| description | varchar(400) |  |  |  |  |  |  |
| project\_year | varchar(10) |  |  |  |  |  |  |
| project\_cost | varchar(100) |  |  |  |  |  |  |
| project\_country\_id | int(4) |  | x |  |  | link to table country |  |
| zip\_code | varchar(10) |  |  |  |  |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table:project\_credits

### **<Purpose>**

* This table stores relationship between project and credits

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| project\_id | int(4) |  | x | x |  |  |  |
| credit\_user\_id | int(4) |  | x | x |  |  |  |
| status\_code | int(1) |  |  | x |  |  |  |
| display\_order | int(2) |  |  | x |  |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |

## Table: reaction

### **<Purpose>**

* This table store reactions users made to any item in the system

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| type | varchar(10) |  |  | x |  | like/haha/angry/sad/dislike |  |
| user\_id | int(4) |  | x | x |  |  |  |
| object\_id | int(4) |  |  | x |  | id of the item user react |  |
| object\_type | varchar(10) |  |  | x |  | type of the item user react |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |

## Table: review

### **<Purpose>**

* Lưu trữ thông tin về những phản ứng với thuốc của bệnh nhân

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| object\_id | int(4) |  | x | x |  | id of item user rate |  |
| object\_type | varchar(10) |  |  |  |  | type of item user rate |  |
| title | varchar(100) |  |  | x |  |  |  |
| text | text |  |  | x |  |  |  |
| rating | int(1) |  |  |  |  | from 1 -> 5 |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| privacy | int(1) |  |  | x |  | private/public |  |
| created\_by | int(4) |  | x | x |  |  |  |
| updated\_by | int(4) |  | x |  |  |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: seller\_category

### **<Purpose>**

* The table defines all seller categories in this system

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| parent\_id | int(4) |  | x |  |  |  |  |
| name | varchar(100) |  |  | x |  |  |  |
| description | varchar(100) |  |  |  |  |  |  |
| display\_order | int(2) |  |  |  |  |  |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |

## Table: story

### **<Purpose>**

* This table stores all stories made by users in the system

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| title | varchar(100) |  |  | x |  |  |  |
| summary | text |  |  |  |  |  |  |
| content | text |  |  |  |  |  |  |
| story\_category\_id | int(4) |  | x | x |  |  |  |
| created\_by | int(4) |  | x | x |  |  |  |
| updated\_by | int(4) |  | x |  |  |  |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: story\_category

### **<Purpose>**

* This table defines story categories

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| parent\_id | int(4) |  | x |  |  | link to this table itself |  |
| name | varchar(100) |  |  |  |  |  |  |
| description | varchar(100) |  |  |  |  |  |  |
| display\_order | int(2) |  |  |  | 0 |  |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: transaction\_detail

### **<Purpose>**

* This table stores the detail about money in each order

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| order\_id | int(4) |  | x | x |  | link to table order |  |
| payment\_type\_id | int(4) |  | x | x |  | link to table payment\_type |  |
| user\_id | int(4) |  | x | x |  | link to table auth\_user |  |
| direction | varchar(3) |  |  | x |  | +/- (money in/money out) |  |
| value | numeric |  |  |  |  |  |  |
| currency\_code | varchar(10) |  |  |  |  | VND/USD/EUR |  |
| currrent\_status\_code | int(1) |  |  | x |  |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: typical\_job\_cost

### **<Purpose>**

* This table stores typical job cost information of seller

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| user\_id | int(4) | x | x | x |  |  |  |
| currency\_code | varchar(10) |  |  | x |  | USD/VND/EUR |  |
| from | numeric(12,2) |  |  |  |  | money from |  |
| to | numeric(12,2) |  |  |  |  | money to |  |
| cost\_details | text |  |  |  |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: user\_login\_account

### **<Purpose>**

* This table stores data for login by social methods

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| user\_id | int(4) |  | x | x |  |  |  |
| login\_account\_type\_id | int(4) |  | x | x |  | link to table login\_account\_type |  |
| linked\_user\_id | varchar(30) |  |  | x |  | Social network user id (google/facebook id) |  |
| access\_token | varchar(100) |  |  | x |  | access token generated by google/facebook for each login time |  |
| granted\_permissions | varchar(200) |  |  | x |  | Which information will be used |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_canceled | timestampz(6) |  |  |  |  |  |  |

## Table: user\_profile\_normal

### **<Purpose>**

* This table stores user’s normal information

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| user\_id | int(4) | x | x | x |  | link to table auth\_user |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| url | varchar(100) |  |  |  |  |  |  |
| about\_me | varchar(400) |  |  |  |  |  |  |
| favorite\_style | varchar(200) |  |  |  |  |  |  |
| next\_house\_project | varchar(400) |  |  |  |  |  |  |
| contact\_city | varchar(100) |  |  |  |  |  |  |
| contact\_country | varchar(100) |  |  |  |  |  |  |
| contact\_province | varchar(100) |  |  |  |  |  |  |
| image\_avatar | varchar(100) |  |  |  |  | url of avatar. You can use table file to store avatar |  |
| image\_cover | varchar(100) |  |  |  |  | url of cover. You can use table file to store cover |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: user\_profile\_seller

### **<Purpose>**

* This table stores user’s seller information

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| user\_id | int(4) | x | x | x |  | link to table auth\_user |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| firm\_name | varchar(100) |  |  | x |  | name of seller’s firm |  |
| category\_id | int(4) |  | x | x |  | link to table seller\_category |  |
| web\_site | varchar(200) |  |  |  |  | website’s url |  |
| public\_first\_name | varchar(100) |  |  |  |  | public first name |  |
| public\_last\_name | varchar(100) |  |  |  |  | public last name |  |
| license\_number | varchar(100) |  |  |  |  | license number |  |
| business\_description | text |  |  |  |  |  |  |
| services\_provided | varchar(400) |  |  |  |  | splitted by semicolon |  |
| area\_served | varchar(400) |  |  |  |  | splitted by semicolon |  |
| certificated\_awards | varchar(400) |  |  |  |  | splitted by semicolon |  |
| affiliations | text |  |  |  |  |  |  |
| contact\_address\_line1 | varchar(200) |  |  |  |  |  |  |
| contact\_address\_line2 | varchar(200) |  |  |  |  |  |  |
| contact\_city | varchar(100) |  |  | x |  |  |  |
| contact\_province | varchar(100) |  |  |  |  |  |  |
| contact\_country | varchar(100) |  |  | x |  |  |  |
| contact\_post\_code | varchar(10) |  |  |  |  |  |  |
| contact\_phone | varchar(15) |  |  |  |  |  |  |
| contact\_fax | varchar(15) |  |  |  |  |  |  |
| additional\_emails | varchar(400) |  |  |  |  | splitted by semicolon |  |
| latitude | number(9,6) |  |  |  |  |  |  |
| longitude | number(9,6) |  |  |  |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: review\_request

### **<Purpose>**

* This table stores seller’s review request items

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| sender\_id | int(4) |  | x | x |  | link to table auth\_user |  |
| receiver\_email | text |  |  | x |  | email list of receivers |  |
| title | varchar(100) |  |  | x |  |  |  |
| content | text |  |  | x |  |  |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |

## Table: discussion\_category

### **<Purpose>**

* This table stores categories of discussion

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| parent\_id | int(4) |  | x |  |  | the parent id, in the same table |  |
| name | varchar(100) |  |  | x |  |  |  |
| description | varchar(100) |  |  |  |  |  |  |
| is\_pro | bool |  |  | x |  |  |  |
| display\_order | int(2) |  |  |  | 0 |  |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: discussion

### **<Purpose>**

* This table stores all discussions made by users in the system

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | DF | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| title | varchar(100) |  |  | x |  |  |  |
| summary | text |  |  |  |  |  |  |
| content | text |  |  |  |  |  |  |
| discussion\_category\_id | int(4) |  | x | x |  | link to table discussion\_category |  |
| created\_by | int(4) |  | x | x |  |  |  |
| updated\_by | int(4) |  | x |  |  |  |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: question

### **<Purpose>**

* This table stores user’s question on items in system

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | DF | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| title | varchar(100) |  |  | x |  |  |  |
| content | text |  |  |  |  |  |  |
| created\_by | int(4) |  | x | x |  |  |  |
| updated\_by | int(4) |  | x |  |  |  |  |
| status\_code | int(1) |  |  | x | 0 |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: question\_relationship

### **<Purpose>**

* This table stores question relationship

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| question\_id | int(4) |  | x | x |  |  |  |
| object\_id | int(4) |  |  | x |  |  |  |
| object\_type | varchar(10) |  |  | x |  |  |  |
| status\_code | varchar(150) |  |  | x | 0 |  |  |
| display\_order | int(2) |  |  | x |  |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |

## Table: discount\_campaign

### **<Purpose>**

* This table stores campaign in the system

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | Default | Comment | AutoInc |
| id | int(4) | x |  | x |  |  | x |
| user\_id | int(4) |  | x | x |  |  |  |
| discount\_campaign\_type | varchar(10) |  |  | x |  | Global/local |  |
| discounted\_value\_percent | numeric |  |  |  |  |  |  |
| discounted\_value\_fixed | numeric |  |  |  |  |  |  |
| status\_code | int(1) |  |  | x |  |  |  |
| date\_started | timestampz(6) |  |  | x |  |  |  |
| date\_ended | timestampz(6) |  |  |  |  |  |  |

## Table: product\_current\_campaign

### **<Purpose>**

* This table stores the current campaigns are using for product related

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | DF | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| discount\_campaign\_id | int(4) |  | x | x |  | Related to table discount\_campaign |  |
| product\_id | int(4) |  | x | x |  | Related to table product |  |
| status\_code | int(1) |  |  | x |  |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: order\_applied\_campaign

### **<Purpose>**

* This table stores the current campaigns are applied for order.

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | DF | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| discount\_campaign\_id | int(4) |  | x | x |  | Related to table discount\_campaign |  |
| order\_product\_id | int(4) |  | x | x |  | Related to table order\_product |  |
| status\_code | int(1) |  |  | x |  |  |  |
| date\_created | timestampz(6) |  |  | x |  |  |  |
| date\_last\_update | timestampz(6) |  |  |  |  |  |  |

## Table: transaction\_detail\_status\_history

### **<Purpose>**

* This table stores the history of transaction detail.

### **<Definition>**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Column name | Data type | PK | FK | NN | DF | Comment | AI |
| id | int(4) | x |  | x |  |  | x |
| transaction\_detail\_id | int(4) |  | x | x |  | Related to table transaction\_detail |  |
| status\_code | int(1) |  |  | x |  |  |  |
| date | timestampz(6) |  |  | x |  |  |  |
| description | text |  |  |  |  |  |  |