Users module tables

|  |  |
| --- | --- |
| Author | Knyaginin Dmitry |
| Version | 0.0.1 |

1. Table “users”

Table for common users information

Table “users” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| id | uuid |  | + | PK |
| first\_name | varchar(255) |  | + |  |
| last\_name | varchar(255) |  | + |  |
| password\_hash | varchar(255) |  | + | May be should separate |
| phone | varchar(50) |  | + |  |
| email | varchar(255) |  | + |  |
| country | varchar(255) |  |  |  |
| city | varchar(255) |  |  |  |
| birthday | Date |  |  |  |
| address | varchar(255) |  |  | Is it needed? |
| avatarurl | varchar(255) | DefaultAvatarUrl | + | Add default! |
| refresh\_token | varchar(255) |  |  | May be should separate |
| profile | Uuid |  | + | FK |
| created\_at | Date | current\_date | + |  |
| updated\_at | Date |  |  |  |
| version | int8 | 0 |  | Optional! |

Table “users” indexes

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Unique?** |
| users\_ind0 | phone | + |
| users\_ind1 | email | + |
| users\_ind2 | created\_at |  |

Table “users” constraints

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Type** |
| users\_pk1 | id | PK |
| users\_uk1 | email | UK |
| users\_uk2 | phone | UK |
| users\_profile\_fk1 | profiles.id → users.profile | FK (Cascade on delete) |

2. Table “user\_role”

Table for readonly for users!! Rows may be not exist for candidate! Default role - **candidate**

Table “role” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| user\_id | uuid |  | + |  |
| role\_id | int4 |  | + |  |
| setted\_by | uuid |  | + |  |

Table “role” constraints

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Type** |
| role\_pk0 | role\_id, permission\_id | PK |

Dictionaries spec

1. Dictionary table “role”

Table for readonly for users!!

Table “role” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| id | int4 |  | + | PK |
| name | varchar(50) |  | + |  |

Table “role” constraints

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Type** |
| role\_pk0 | id | PK |

2. Dictionary table “permission”

Table for readonly for users!!

Table “permission” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| id | int4 |  | + | PK |
| name | varchar(255) |  | + |  |

Table “permission” constraints

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Type** |
| permission\_pk0 | id | PK |

3. Dictionary table “role\_permission”

Table for readonly for users!!

Table “role” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| role\_id | int4 |  | + | PK |
| permission\_id | int4 |  | + | PK |

Table “role” constraints

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Type** |
| role\_pk0 | role\_id, permission\_id | PK |

Dictionaries content

1. Role

|  |  |
| --- | --- |
| **id** | **name** |
| 1 | guest |
| 2 | candidate |
| 3 | member |
| 4 | admin |
| 5 | HR |

2. Permission

|  |  |
| --- | --- |
| **id** | **name** |
|  | View members list/profile |
|  | View candidates list/profile |
|  | Edit own profile |
|  | Edit user profiles |
|  | Add (edit own) vacancy |
|  | View vacancies |
|  | Edit user roles |
|  | Edit user rate |
|  | Add articles/blog |
|  | Edit own articles/blog |
|  | Edit user articles/blog |
|  | Edit system dictionaries |

3. Role\_permission

|  |  |
| --- | --- |
| **role\_id** | **permission\_id (as list)** |
| 1 | 1, 6 |
| 2 | 1, 2, 3, 6 |
| 3 | 1, 2, 3, 6, 8, 9, 10 |
| 4 | 1, 2, 3. 4, 5, 6, 7, 8, 9, 10, 11, 12 |
| 5 | 1, 5 |

Changes

|  |  |  |
| --- | --- | --- |
| **Date** | **Author** | **Description** |
| 06.03.2024 | Knyaginin Dmitry | YH-46. Create User module DB specification |
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