Validation module tables

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

1. Table “questions”

Table “questions” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| id | uuid |  | + | PK |
| title | varchar(255) |  | + |  |
| description | text |  | + |  |
| imageSrc | varchar(255) |  |  |  |
| longAnswer | varchar(1000) |  |  |  |
| shortAnswer | varchar(255) |  |  |  |
| status | varchar(50) |  |  |  |
| created\_at | Date | current\_date | + |  |
| updated\_at | Date |  |  |  |
| created\_by | uuid |  | + | FK |
| updated\_by | uuid |  |  |  |
| keywords | text |  |  |  |

Table “questions” indexes

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Unique?** |
| questions\_ind0 | created\_at |  |
| questions\_ind1 | keywords |  |
| questions\_ind2 | created\_by |  |

Table “questions” constraints

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Type** |
| questions\_pk0 | Id | PK |
| questions\_fk0 | created\_by | FK |

2. Table “tests”

Table “tests” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| id | uuid |  | + | PK |
| title | varchar(255) |  | + |  |
| description | text |  | + |  |
| minutes\_to\_pass | int8 | 20 |  | Max time to pass test |
| imageSrc | varchar(255) |  |  |  |
| created\_at | Date | current\_date | + |  |
| updated\_at | Date |  |  |  |
| created\_by | uuid |  | + | FK |
| updated\_by | uuid |  |  |  |
| keywords | text |  |  |  |

Table “tests” indexes

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Unique?** |
| tests\_ind0 | created\_at |  |
| tests\_ind1 | keywords |  |
| tests\_ind2 | created\_by |  |

Table “tests” constraints

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Type** |
| tests\_pk0 | id | PK |
| tests\_fk0 | created\_by | FK |

3. Table “tests\_questions”

Table “tests\_questions” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| test\_id | uuid |  | + | PK |
| question\_id | uuid |  | + | PK |
| created\_at | Date | current\_date | + |  |

Table “tests\_questions” indexes

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Unique?** |
| tests\_questions\_ind0 | created\_at |  |

Table “tests\_questions” constraints

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Type** |
| tests\_questions\_pk0 | test\_id, question\_id | PK |

4. Table “tests\_pass\_attempts”

Table “tests\_pass\_attempts” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| test\_id | uuid |  | + | PK |
| user\_id | uuid |  | + | PK |
| begin\_at | Date | current\_date | + |  |
| end\_at | Date |  | + |  |
| correct\_ans\_count | int4 |  |  |  |

Table “tests\_pass\_attempts” indexes

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Unique?** |
| tests\_pass\_attempts\_ind0 | begin\_at |  |

Table “tests\_pass\_attempts” constraints

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Type** |
| tests\_pass\_attempts\_pk0 | test\_id, user\_id | PK |

5. Table “validation\_online\_session\_requests”

Table “validation\_online\_session\_requests” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| id | uuid |  | + | PK |
| user\_id | uuid |  | + | FK |
| state\_id | int4 | 10 (CREATED) | + |  |
| specialization\_id | int4 |  | + |  |
| user\_message | text |  |  |  |
| created\_at | Date | current\_date | + |  |
| updated\_at | Date |  |  |  |

Table “validation\_online\_session\_requests” indexes

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Unique?** |
| validation\_online\_session\_requests\_ind0 | created\_at |  |

Table “validation\_online\_session\_requests” constraints

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Type** |
| validation\_online\_session\_requests\_pk0 | id | PK |
| validation\_online\_session\_requests\_fk0 | user\_id | FK |
| validation\_online\_session\_requests\_fk1 | validation\_online\_request\_states.specialization\_id | FK |

6. Table “validation\_online\_session\_attempts”

Table “validation\_online\_session\_attempts” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| id | uuid |  | + | PK |
| validation\_reqid | uuid |  | + | FK |
| plan\_date | Date |  | + |  |
| begin\_at | Date |  |  |  |
| end\_at | Date |  |  |  |
| isSuccess | boolean |  |  |  |
| feedback | text |  |  |  |

Table “validation\_online\_session\_attempts” indexes

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Unique?** |
| validation\_online\_session\_attempts\_ind0 | plan\_date |  |

Table “validation\_online\_session\_attempts” constraints

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Type** |
| validation\_online\_session\_attempts\_pk0 | id | PK |
| validation\_online\_session\_attempts\_fk0 | validation\_reqid | FK |

Dictionaries spec

1. Dictionary table “Specializations”

Table for readonly for users!!

Table “specializations” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| id | int4 |  | + | PK |
| title | varchar(255) |  | + |  |
| description | text |  | + |  |
| imageSrc | varchar(255) |  |  |  |
| created\_at | Date | current\_date | + |  |
| updated\_at | Date |  |  |  |

Table “specializations” indexes

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Unique?** |
| specializations\_ind0 | title | + |

Table “specializations” constraints

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

2. Dictionary table “validation\_online\_request\_states”

Table for readonly for users!!

Table “validation\_online\_request\_states” columns

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Default** | **required** | **Comment** |
| id | int4 |  | + | PK |
| title | varchar(255) |  | + |  |
| code | varchar(50) |  | + |  |

Table “validation\_online\_request\_states” indexes

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Unique?** |
|  |  |  |

Table “validation\_online\_request\_states” constraints

|  |  |  |
| --- | --- | --- |
| **Name** | **Columns** | **Type** |
| validation\_online\_request\_states\_pk0 | id | PK |

Dictionaries content

1. Specializations

|  |  |  |
| --- | --- | --- |
| **id** | **title** | **decriprion** |

Content of this dictionary stored as ./csv/specializations.csv

2. validation\_online\_request\_states

|  |  |  |
| --- | --- | --- |
| **id** | **title** | **code** |

Content of this dictionary stored as ./csv/validation\_online\_request\_states.csv

Changes

|  |  |  |
| --- | --- | --- |
| **Date** | **Author** | **Description** |
| 11.03.2024 | Knyaginin Dmitry | YH-46. Create Validation module DB specification |
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