**User requirements**

DB should contain users and articles.

**Users**:

1. ID (pk) (int32 value)
2. login (utf8 text up to 30 symbols) (not null)
3. username (utf8 text up to 30 symbols) (not null)
4. password (utf8 text up to 30 symbols) (not null)
5. role (int32 value)

Functionality:

add, remove, edit, search by login (always multiple results), search by username (always multiple results), search by aforementioned properties but filtering them by roles (example – search by name with role “tutor”) (always multiple results), search by ID (always single result)

**Articles:**

id (pk) (int32)

category (utf8 text up to 30 symbols) (not null)

type (utf8 text up to 30 symbols) (not null)

name (utf8 text up to 30 symbols) (can be null)

born (utf8 text up to 30 symbols) (can be null)

died (utf8 text up to 30 symbols) (can be null)

nationality (utf8 text up to 30 symbols) (can be null)

knownFor (utf8 text up to 100 symbols) (can be null)

notableWork (utf8 text up to 100 symbols) (can be null)

about (utf8 text up to 10000 symbols) (can be null)

year (utf8 text up to 100 symbols) (can be null)

medium (utf8 text up to 100 symbols) (can be null)

dimensions (utf8 text up to 100 symbols) (can be null)

location (utf8 text up to 100 symbols) (can be null)

designedByDeveloper (utf8 text up to 100 symbols) (can be null)

Functionality:

add, edit, remove, search by keyword in a title (always multiple results), search by category (always multiple results), search by id (always single result)