**User requirements**

DB should contain users and articles.

**Users**:

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

Functionality:

add, remove, edit, search by login (single result), search by username (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 (can be multiple results), search by category (can be multiple results)