# User

User\_id – int – PRIMARY KEY

Name – varchar 255 – NOT NULL

Surname – varchar 255 – NOT NULL

Role – enum – admin, autor, redaktor, sefredaktor, ctenar – NOT NULL

Phone – varchar 255

Email – varchar 255

# Article

Article\_id – int – PRIMARY KEY

Title – varchar 255 – NOT NULL

Content – longtext – NOT NULL

Submission\_date – datetime – NOT NULL

Upload\_date – datetime

Approved – bool – NOT NULL

Author\_id – int – REFERENCE User(user\_id – *musí být role autor, zařídí se v aplikaci*) NOT NULL

# Review

Review\_id – int – PRIMARY KEY

Content – mediumtext – NOT NULL

Rating – int – NOT NULL – CHECK (rating > 0 AND rating < 6)

Review\_date – datetime – NOT NULL

Reviewer\_id – int – REFERENCE User(user\_id – *musí být role reviewer, zařídí se v aplikaci*) NOT NULL

Article\_id – int – REFERENCE Article(article\_id) NOT NULL

# Notification

Notification\_id – int – PRIMARY KEY

Title – varchar 255 – NOT NULL

Content – text – NOT NULL

Seen – bool – NOT NULL

Notification\_date – datetime – NOT NULL

User\_id – int – REFERENCE User(user\_id) NOT NULL

# Comment

Comment\_id – int – PRIMARY KEY

Content – text – NOT NULL

Reply\_to\_id – int REFERENCE Comment(comment\_id)

User\_id – int – REFERENCE User(user\_id) NOT NULL

Article\_id – int – REFERENCE Article(article\_id) NOT NULL

# Article\_rating

Article\_rating\_id – int – PRIMARY KEY

Rating – int – NOT NULL – CHECK (rating > 0 AND rating < 6)

User\_id – int – REFERENCE User(user\_id) NOT NULL

Article\_id – int – REFERENCE Article(article\_id) NOT NULL

# Comment\_rating

Comment\_rating\_id – int – PRIMARY KEY

Like – bool – NOT NULL

User\_id – int – REFERENCE User(user\_id) NOT NULL

Comment\_id – int – REFERENCE Comment(comment\_id) NOT NULL