CREATE SCHEMA mydb`;

USE `mydb` ;

CREATE TABLE `mydb`.`category` (

`cat\_id` INT NOT NULL,

`cat\_name` NVARCHAR(20) NOT NULL,

PRIMARY KEY (`cat\_id`)

)

CREATE TABLE `mydb`.`author` (

`author\_id` INT NOT NULL AUTO\_INCREMENT,

`name` NVARCHAR(20) NOT NULL,

`surname` NVARCHAR(20) NOT NULL,

`e-mail` NVARCHAR(50) NOT NULL,

`password` NVARCHAR(12) NOT NULL,

PRIMARY KEY (`author\_id`)

)

CREATE TABLE `mydb`.`article` (

`article\_id` INT NOT NULL AUTO\_INCREMENT,

`article\_cat` TEXT NOT NULL,

`article\_context` LONGTEXT NOT NULL,

`article\_date` DATE NOT NULL,

`author\_id` INT NOT NULL,

PRIMARY KEY (`article\_id`),

CONSTRAINT `fk\_cat\_to\_article` FOREIGN KEY (`article\_cat`)

REFERENCES `mydb`.`category` (`cat\_id`),

CONSTRAINT `fk\_author\_to\_article` FOREIGN KEY (`author\_id`)

REFERENCES `mydb`.`author` (`author\_id`)

)

ALTER TABLE `mydb`.`article`  
MODIFY COLUMN `article\_cat` INT;

CREATE TABLE `mydb`.`user` (

`user\_id` INT NOT NULL AUTO\_INCREMENT,

`name` NVARCHAR(20) NOT NULL,

`surname` NVARCHAR(20) NOT NULL,

`e-mail` NVARCHAR(50) NOT NULL,

`password` NVARCHAR(12) NOT NULL,

`reg\_date` DATE NOT NULL,

PRIMARY KEY (`user\_id`)

)

CREATE TABLE `mydb`.`liking` (

`user\_id` INT NOT NULL,

`article\_id` INT NOT NULL,

`liking\_state` INT NOT NULL,

PRIMARY KEY (`user\_id`, `article\_id`),

CONSTRAINT `fk\_user\_to\_liking` FOREIGN KEY (`user\_id`)

REFERENCES `mydb`.`user` (`user\_id`),

CONSTRAINT `fk\_article\_to\_liking` FOREIGN KEY (`article\_id`)

REFERENCES `mydb`.`article` (`article\_id`)

)

CREATE TABLE `mydb`.`comment` (

`comment\_id` INT NOT NULL AUTO\_INCREMENT,

`user\_id` INT NOT NULL,

`article\_id` INT NOT NULL,

`comment\_context` LONGTEXT NOT NULL,

`time` DATETIME NOT NULL,

PRIMARY KEY (`comment\_id`),

CONSTRAINT `fk\_user\_to\_comment` FOREIGN KEY (`user\_id`)

REFERENCES `mydb`.`user` (`user\_id`),

CONSTRAINT `fk\_article\_to\_comment` FOREIGN KEY (`article\_id`)

REFERENCES `mydb`.`article` (`article\_id`)

)

CREATE TABLE `mydb`.`article\_save` (

`user\_id` INT NOT NULL,

`article\_id` INT NOT NULL,

PRIMARY KEY (`user\_id`, `article\_id`),

CONSTRAINT `fk\_user\_to\_artsave` FOREIGN KEY (`user\_id`)

REFERENCES `mydb`.`user` (`user\_id`),

CONSTRAINT `fk\_article\_to\_artsave`FOREIGN KEY (`article\_id`)

REFERENCES `mydb`.`article` (`article\_id`)

)