| | notes | |
|----|------------------------------------|--|
| PK | notesID int NOT NULL AUTO_INCREMEN | |
| | title VARCHAR(100) NOT NULL | |
| | createDate DATE NOT NULL | |
| | updateDate DATE NULL | |
| | description VARCHAR(400) NOT NULL | |
| | canDelete TINYINT(1) NOT NULL | |
| FK | categoryID INT NOT NULL | |
| FK | userID INT NOT NULL | |
| | - | |

| | notes_categories | | |
|----|--|--|--|
| PK | categoryID int NOT NULL AUTO INCREMENT | | |
| | createdAt TIMESTAMP | | |
| | updatedAt TIMESTAMP | | |
| FK | userID int NOT NULL | | |

| | | users |
|---|----|--|
| + | PK | userID int NOT NULL AUTO_INCREMENT_ |
| | | username VARCHAR(20) NOT NULL UNIQUE KEY |
| | | email VARCHAR(50) NOT NULL UNIQUE KEY |
| | | |