Slovenská Technická Univerzita v Bratislave
Fakulta informatiky a informačných technológií

Databázové systémy
zadanie 5

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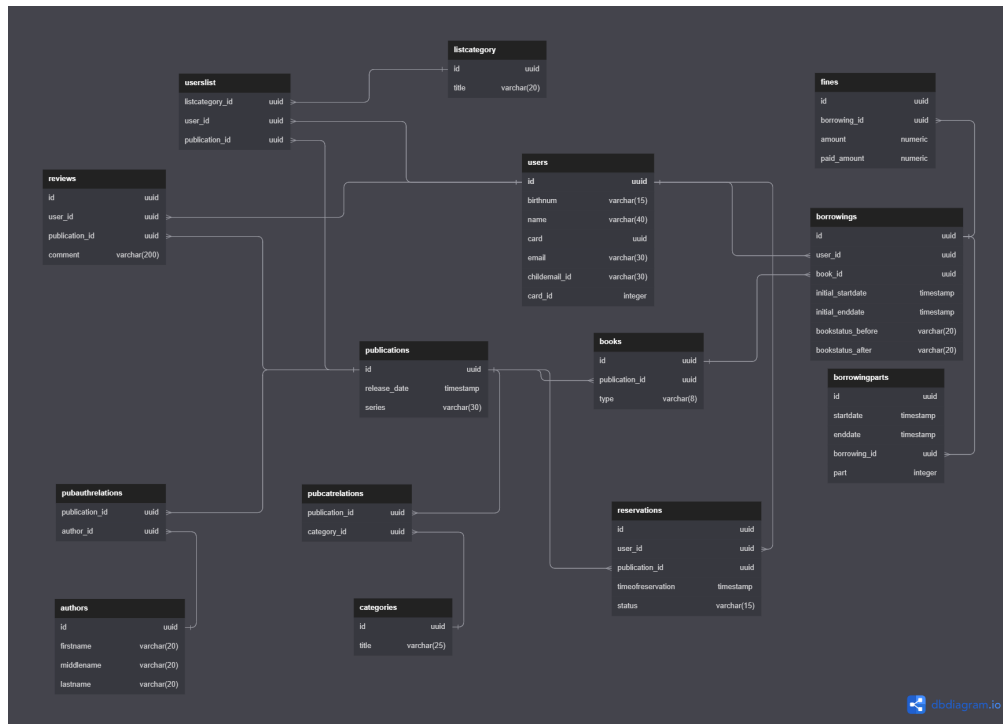# Technická Špecifikácia

BE: Nodejs, express
DB: postgresql
ORM library: sequelize

Číslo commitu: 75c67871708f4977f05e94c5317b9555e96ab875

Databáza
Zadanie 4

Zmeny
1. Pridaná tabuľka **cards**
2. Zmenené stĺpce v tabuľkách podľa endpointov
3. Odstránená tabuľka **borrowingparts**

Príklady endpointov
Get

```
router.get('/:id', (req, res) => {
    Author.findByPk(req.params.id).then(response => {
        if(!response) {
            res.status(404).json('Not Found');
            return;
        }
        res.status(200).json(response);
    }).catch(err => {
        res.status(500).json('Not Found');
    })
})
```

Post

```
router.post('/', (req, res) => {
    const id = req.body.id;
    const name = req.body.name;
    const surname = req.body.surname;

    const authorObject = {
        name, surname, id
    }

    Author.create(authorObject).then(response => {
        res.status(201).json(response.dataValues);
    }).catch(err => {
        res.status(400).json('Bad request');
    })
})
```

Delete

```
router.delete('/:id', (req, res) => {
    Author.destroy({
        where: {
          id: req.params.id
        },
        include: [
          {
            model: PublicationAuthor,
            as: 'authors'
          },
        ]
    }).then(numRowsDeleted => {
      if(numRowsDeleted === 0) {
        res.status(404).json('Not Found');
        return;
      }
      res.status(204).send();
    }).catch(err => {
      res.status(500).json('Something went wrong');
    });
})
```

Patch

```
router.patch('/:id', (req, res) => {
    Author.update(req.body, {where: {id: req.params.id}, returning: true}).then(([numRowsUpdated, [updatedRow]]) => {
        if(numRowsUpdated == 0) {
            res.status(404).json('Not Found');
            return;
        }
        res.status(200).json(updatedRow);
    }).catch(err => {
        res.status(400).send();
    })
})
```