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## Description

In Modern Application Development project 2, I was supposed to make a KanBan app which can be used for Lists and tasks generations. In this app a User can create lists and can create multiple tasks.

## Technologies used

### BackEnd

**Python Flask Frame** : To enable the app , to create definition of each model used in the app and Api Creation.

**Sql-alchemy**: For database creation and data storage

**Flask-restful**: To Create Restful Api for App

**Flask Sqlalchemy** : To link sqlite database to app ,to create database models ,to query and add records to database.

**Flask-security** : used for token based Authentication

**Celery** - used to run the tasks asynchronously

**Mail-hog** - For sending mail to users

**Weaseyprint** - For pdf response creation from database

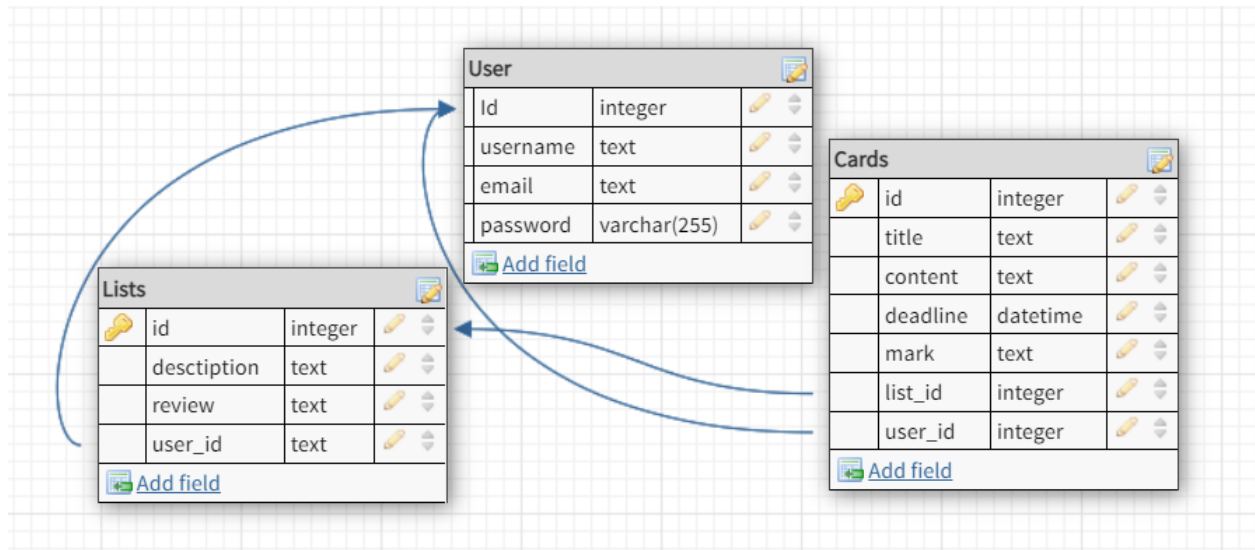
## DB Schema Design

There are three tables with below schema design.

User, Role - For user creation . It have username, email, password fields

Lists- For List creation. It have list name, description, review\_time, created\_date fields

Cards - For Cards or Tasks creation. It have card name, content, deadline, mark, complete\_date type of fields



## FrontEnd

**Vue-js version 2 Cli** - For front design

**Axios-** communicate with Rest APIs

**Chart-js-** For Graph Creation

**Vue-bootstrap and bootstrap and Css** - For design and styling

**Video-link-**

<https://drive.google.com/drive/folders/11YnNkdrWI-CvDsfqz241niY-ELbXCI1E>