

Todo Web Application using Django REST framework, MySQL, and React.js

This is a Todo Web Application developed using Django REST framework, MySQL, and React.js. This Platform can perform CRUD operation on individual data and will store the data in a MySQL database. This application has React.js in the frontend and Django in the backend and both are connected through API.

React is a JavaScript framework for developing SPAs (single-page applications). It has solid documentation and a vibrant ecosystem around it.

Django is a Python web framework that simplifies common practices in web development. Django is reliable and also has a vibrant ecosystem of stable libraries supporting common development needs.

For this application, React serves as the frontend, or client-side framework, handling the user interface and getting and setting data via requests to the Django backend, which is an API built using the Django REST framework (DRF).

HOW TO RUN

- git clone <https://github.com/mdakram09/ToDo-Web-Application-using-Django-REST-framework-MySQL-and-React.js.git>
- pip install virtualenv
- virtualenv venv
- source activate venv
- pip install -r requirements.txt
- create a mysql database with name todo_data
- change your username and password for mysql data base in the backend/backend/settings.py file
- cd backend

- `python manage.py migrate`
- `python manage.py runserver`
- `cd ..`
- `cd frontend`
- `npm install`
- `npm start`