

HOW I FIRST FACED THE PROBLEM

- I quickly brushed up on vue2 and django considering I had limited knowledge on them
- Built the frontend UI
- Built the django backend
- Consumed the endpoint and made the UI interactive

RESULT

- Install docker
- Clone repository
- Run 'docker compose build' in root folder
- Run 'docker compose up -d'
- Run 'docker exec -it django_backend /bin/bash'
- Run 'python manage.py migrate'
- Run 'python manage.py loaddata users.json'
- Run 'python manage.py loaddata dummy.json'
- Navigate to <http://localhost:8080>

RECOMMENDATION IF I HAD MORE TIME

- Properly dockerize the app
- Automate migrations such that it happens once the backend starts
- Refactor frontend code
- Add loaders to the frontend to signal ongoing processes
- Improve on error handling
- Use custom alert (snackbar notification) messages