

# CrowdVolt Take Home

We've created a simple application where you can view and maintain a list of events. This assessment has you extending the project. **This assessment should only take an hour, please do not spend more time than this.**

## *How to run the project*

- Running the NextJS Front End
  - `yarn install`
  - `yarn run dev`
- Python API
  - Install Python3.11
  - Install all packages within requirements.txt
  - Run app.py (in the server folder)
    - keep in mind everytime the back end is stopped, all data is lost.  
Feel free to insert in more test data if it makes it easier
- Navigate to <http://localhost:3000> to see the front-end

## *Task*

Build a comments feature on the application. You should be able to create a comment for every event. Comments should be persisted in the back end, not in the javascript. There is no database / persistent storage so it is ok that all the state will wipe once the application is restarted.

When designing your comment feature, keep in mind you will be asked to further extend the functionality if brought for an on-site interview. Please design the feature to ensure we can cleanly build on top of it later.

## *Things we are looking for*

Following existing patterns and conventions on the back-end, maintaining type hinting and writing pythonic code.

The overall design and implementation of the comment feature, we care a lot more about the back-end than the front-end. You can have AI write the front-end, the back-end should be done by hand.