

Nominee assignment

Develop a simple Client-Server web app using React for the front-end and Python as the backend. The choice of database engine is up to you. The application focuses on the status audit of jobs (various system processes).

In the main view of the application, a list of job runs is displayed, each characterized by the following properties:

- Time of start
- Time of completion
- Job name
- Category
- Description
- Responsible person
- Status

The statuses can be one of the following:

- Completed
- Running
- Error
- Resolved

Users can view the list of jobs, leave comments on each job execution, and change the job's status to "Resolved" if it is in an "Error" state (user management is beyond the scope). Changing to "Resolved" requires the user to write a resolution comment.

For job runs that are in "Error" or "Resolved" statuses, a "History" button should be displayed. This button leads users to a job run history view where they can see all events, comments, and status changes related to that specific job run.

Additionally, for each category of jobs, assign a responsible person with an associated email.

Include an endpoint in the app where you can push events for testing. When an event of a job run in "Error" status is received, the application should send an email with a description to the responsible person at the defined email address.

You can use any free or trial service to send emails. If you encounter difficulties in finding such a service, we will provide you with an API key for an existing service for the test .project