

FFG

Incident timeline

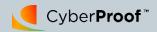
This test will simulate some small part of our SOAR (Security Operation Automation and Response) system. SOAR system provides an ability to manage security incidents, document the process and manage analyst's collaboration.

In scope of this test you are required to implement Incident page that includes incident details and incident timeline.

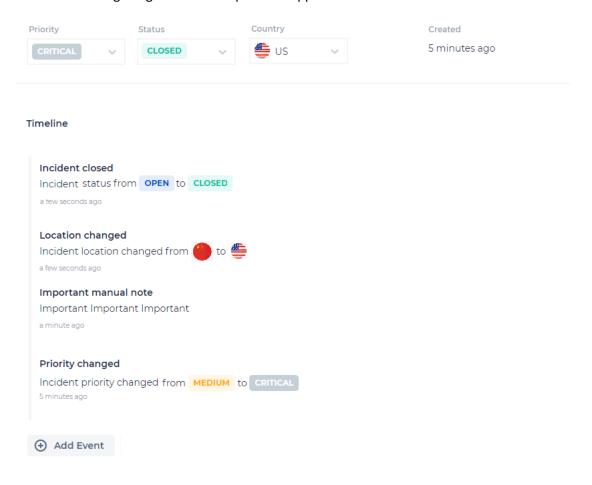
 Assume following data is preloaded to the system (Create some seed script to load data)

```
{"name":"Incident 1", "id":1, "status":"Open", "priority":"Low", "country":"us"},
{"name":"Incident 2", "id":2, "status":"Open", "priority":"Medium", "country":"cn"},
{"name":"Incident 3", "id":3, "status":"Open", "priority":"High", "country":"de"},
{"name":"Incident 4", "id":4, "status":"Closed", "priority":"Critical", "country":"il"},
{"name":"Incident 5", "id":5, "status":"Closed", "priority":"Low", "country":"us"},
{"name":"Incident 6", "id":6, "status":"Closed", "priority":"Medium", "country":"cn"},
{"name":"Incident 7", "id":7, "status":"Open", "priority":"High", "country":"cn"},
```

- Implement page that will represent single incident in the system, so we will able to navigate directly to this page. http://localhost:8080/incident/[id]
- 3. The page will show incident name and ID and will allow changing incident status, priority and location (country).
- 4. System will record every change in the DB, the record will include timestamp, incident ID and operation details.
- 5. System will provide timeline component. Timeline component will show all recorded events as well will allow adding manual events by user. Events should be sorted chronologically most recent record should appear first.
- 6. A bonus Implement adding manual event to the timeline An event should include:
 - a. Caption
 - b. Description
 - c. Reported time



Use the following images as a mockup for the application.



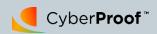
Below design for available Priority levels

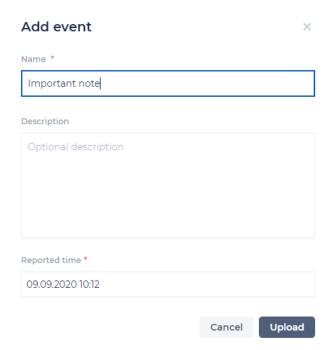


Below design for available Statuses



Use this mockup for a bonus question





Extra Points:

- 1. Create unit tests.
- 2. Use a linting utility.
- 3. Document your code.
- 4. Use source control.