

You've been tasked with building React components to list and display details of items, and you have received this rough mockup and access to the backend application that exposes the REST API.

Table shows the results from the endpoint /items

GUID	Name	Path
guid1	name1	path1/path2
guid2	name2	path3/path4
guid3	name3	path5/path6
guid4	name4	path7/path8
guid5	name5	path9/path10

Properties tab shows the properties for the selected item. Numbers and dates are aligned to the right

Properties	Image
propString	value1
propNumber	1
date	10/10/2014

Image tab shows the PNG from calling the endpoint /image/{guid} with the guid of the item

- Use ReactJS, feel free to use Material UI as a component library (or create them from scratch).
- You have total freedom to style the components. Be creative!
- Prefer TypeScript, but send JavaScript if you feel more comfortable.
- Extra points if you use redux (rather than React's reducer) for the model.

We expect back:

- A zip file containing your local repository (create a local git repository for your work). We will evaluate your git history.
- Remove any files that you wouldn't commit (like `node_modules`).

We will evaluate:

- The sample page showcasing the components works: Selecting an item updates the properties/images, and the tab is preserved, etc.
- How you modelled the components, separation of concerns, etc.
- Unit tests if available.
- Correct use of styles (e.g.: global styles X component overrides).

To run the backend (assumes Java 17 is installed), simply navigate to where the jar is located and run `react_redux % java -jar test-0.0.1-SNAPSHOT.jar`

```
ivieira01@MBP-P63VW897TC-{'error': react_redux % java -jar test-0.0.1-SNAPSHOT.jar}

:: Spring Boot :: (v3.4.0-SNAPSHOT)

2024-10-10T13:00:04.804+11:00 INFO 78877 --- [Candidate Test] [main] com.nuix.test.CandidateTestApplication : Starting CandidateTestApplication v0.0.1-SNAPSHOT using Java 18.0.2 with PID 78877 (/Users/ivieira01/Documents/react_redux/test-0.0.1-SNAPSHOT.jar started by ivieira01 in /Users/ivieira01/Documents/react_redux)
2024-10-10T13:00:04.806+11:00 INFO 78877 --- [Candidate Test] [main] com.nuix.test.CandidateTestApplication : No active profile set, falling back to 1 default profile: "default"
2024-10-10T13:00:05.365+11:00 INFO 78877 --- [Candidate Test] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8080 (http)
2024-10-10T13:00:05.371+11:00 INFO 78877 --- [Candidate Test] [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2024-10-10T13:00:05.371+11:00 INFO 78877 --- [Candidate Test] [main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tomcat/10.1.30]
2024-10-10T13:00:05.390+11:00 INFO 78877 --- [Candidate Test] [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebApplicationContext
2024-10-10T13:00:05.390+11:00 INFO 78877 --- [Candidate Test] [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initialization completed in 562 ms
2024-10-10T13:00:05.543+11:00 INFO 78877 --- [Candidate Test] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http) with context path '/'
2024-10-10T13:00:05.549+11:00 INFO 78877 --- [Candidate Test] [main] com.nuix.test.CandidateTestApplication : Started CandidateTestApplication in 1.014 seconds (process running for 1.288)
```

Two endpoints will be available on port 8080, `/items` and `/image`

