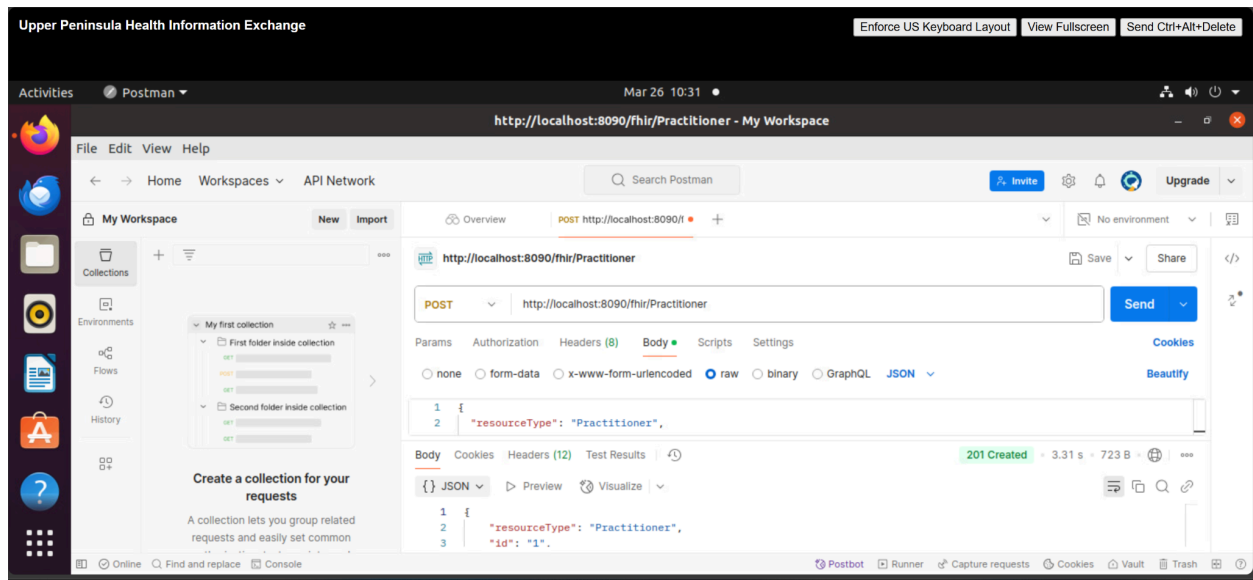


1



2. To create a new FHIR resource (e.g., Practitioner) using Postman and the HAPI FHIR server:

- a) Open Postman, create a new request.
- b) Set the method to POST.
- c) Enter the URL for the resource type. Example: <http://localhost:8090/fhir/Practitioner>
- d) Go to the Body tab:
 - i) Choose raw and set the format to JSON.
 - ii) Paste valid FHIR JSON for the resource (e.g., Practitioner).
- e) In the Headers tab, add:
 - i) Content-Type: application/fhir+json
 - ii) Accept: application/fhir+json
- f) Click Send.
- g) If successful, you'll receive a 201 Created response, and the response body will include the new resource and its id.

3. To manage authnFcaFon when using Postman with a HAPI FHIR server:

- a) In Postman, go to the request.
- b) Go to the Postman's Authorization tab.
- c) Select the appropriate auth type: Basic Auth for username/password, Bearer Token for token-based auth or API Key
- d) Enter the credentials or token.
- e) Postman will automatically apply the correct header to your request.
- f) Click Send to test the connection.

4. Handling error responses from the HAPI FHIR when using Postman.

When there's an error (e.g., malformed JSON, missing fields, wrong endpoint), the HAPI FHIR server returns:

a) An HTTP status code such as: 400 Bad Request — invalid syntax or resource, 404 Not Found — wrong endpoint or ID, 401 Unauthorized — missing/invalid auth

b) To handle it:

- Read the diagnostics field in the response body to understand the issue.
- Fix your request body or endpoint accordingly: Some common test and fix errors

Missing required fields → Double-check the resource body.

Invalid coding/system → Confirm codesystems and values match expectations.

Wrong content-type → Use application/fhir+json in headers.

Bad endpoint → Ensure you're hitting /fhir/ResourceType.

- Resend the request.