

Academic Paper

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Test Plan

Test Type	Test Process	Test Result
UI	Tested selecting and submitting all patients in the dropdown form. Tested that data retrieved from the backend was populated successfully into the correct frontend fields.	All patients were correctly selected and information for the correct patient was successfully retrieved from the backend. The popup displayed correctly and all fields were populated with the correct patient information.
Backend - Django	Tested starting up the Django server and hitting all the Django urls and endpoints.	All Django urls and endpoints returned a success status (status 200) and data-retrieval endpoints returned the expected data.
Backend - FHIR	Tested hitting the FHIR API with test patient IDs from the Django server.	The FHIR API routes authenticated correctly and returned the expected patient information to the Django backend.
Backend - JSON parsing	Tested parsing patient FHIR JSON using the python fhir parser library.	Patient FHIR JSON parsed without error and returned the correct values and fields.