

Class Diagram

The class diagram of the application is based on the passive model of the MVC pattern

Our design might not strictly adhere to the pattern and might have violated certain design principles. However, we made sure that task2.application (model) is separate from the GUI

The package below is a module from the HAPI FHIR core library, hapi-fhir-structures-r4 (<https://hapifhir.io/hapi-fhir/apidocs/hapi-fhir-structures-r4/>) It contains the classes (resources) for Encounter, Observation, Practitioner and Patient. A collection of any of these resources is known as a Bundle

The two packages below are from the HAPI FHIR APT's core library, the module hapi-fhir-base (<https://hapifhir.io/hapi-fhir/apidocs/hapi-fhir-base/>). From the description in <https://hapifhir.io/hapi-fhir/docs/introduction/modules.html> "This is the core HAPI FHIR library and is always required in order to use the framework. It contains the context, parsers, and other support classes."

The two classes FhirContext and IGenericClient allow us to use the methods to fetch and process the requests for Encounter, Observation, etc with the root URL

