This is outlined in the following diagram that represents the layers of the technical environment that this project must work with.

**Data Architecture Standards for COTS, SaaS and OpenSource**

The following are the Ministry data architecture standards for Commercial Of the Shelf (*COTS*), Software as a Service (*SaaS*) and *OpenSource* implementations (regardless of hosted on third-party sites or on Ministry infrastructure):

1. Logical data models (whole model and part models) need to be available on demand.
2. Logical Data Model descriptions (entity/attribute descriptions) needs to be available on demand.
3. If the application/solution is hosted on the Ministry servers, then the Ministry technical architecture standards needs to be followed.
4. If the logical models are to be uploaded to Ministry standard tools/repositories for any reason, then the standards and processes of that tool/repository are to be followed.
5. If the COTS/SaaS/OpenSource implementation offers additional adhoc query/reporting facility, such facility is to be used in accordance with Ministry BPP and Technical architecture standards.
6. If the COTS/SaaS/OpenSource implementation needs system integration with other existing application(s), such system integration facility is to be used in accordance with Ministry BPP and Technical architecture standards.