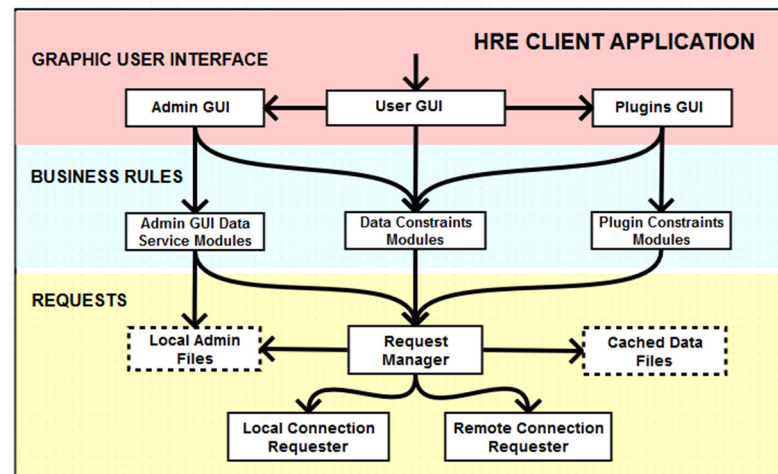


3.2 Architecture - Client Component

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A representation of the structure of the Client Component

1. THE PRESENTATION (GUI) LAYER:

The GUI has 3 components; the standard user GUI, the GUI to be used to administer the access rights in the installation and any additional GUI that are the result of installing plugin packages.

2. THE BUSINESS RULES LAYER:

This is the collection of modules that provide services to the GUI layer and between other business rules layer modules. This is where validation of data entry is performed and where the cascading consequences of changing a connection between objects or the deletion of an object are managed. These modules also formulate requests for access to the HRE Server via the Requests Layer.

3. THE REQUESTER LAYER:

In this layer the Request Manager validates and dispatches the requests to the HRE Server if the required data is not already available in a cache. The local versus remote access of the required HRE Server determines which requester is used to manage the communication. This partition is done so that the local server case can be more efficient and not suffer from TCP/IP overhead.