Lower Levels of Granularity

Mobile

Interface: Implements an interface to the system from the API (andoid.view).

Communication: This is accomplished by using client server communication (secure script protocols). The communication must be done by implementing the Android API client side.

API: Interactions to the interface must be done using the android.gesture class.

* All interactions must be validated and audited server-side.

User Login

Back End: Receives user login information and confirms its validity using a compare functionality outside the Database interaction

Leaf Assessment

Back End: Get information on a leaf with condition to either create, delete or update. It the performs the operation and returns the success of the operation

Aggregate assessment

Back End: Get details of aggregation and applies them to relevant leaf and returns the result of the aggregation

Assessment report

Back End: Receives the details specifying the range of assessments to include and collect all the relevant data and transmit it back

Student marks report

Back End: Receives the student details and collects the data required and returns it

Audit report

Back End: Gathers the data for the required Audit and includes all default and relevant log information and returns the collection