## List of Requirements

1. The software shall use an Android platform and display options for "Add A Reading", "Start Data Collection", "End Data Collection", "Invalidate Site", "Import", "Export", and "View Data Log"
2. The software shall import files located within the downloads folder of the device.
3. The software shall export as a .json file to the downloads folder of the device.
4. The software shall prompt the user for the Site Id number when "Start Data Collection" is started. The Site Id is now considered to be collecting data. If the Site Id already has data present, an error message will appear telling user that the Site Id entered cannot collect data.
5. The software shall prompt the user for the Site Id, Reading Type, Reading Id, Reading Value, Reading Date, Study Name, and Study ID when "Add a Reading" is selected. If the Site Id is not currently collecting data, an error message will appear asking the user to first start data collection on the site.
6. The software shall have a message appear informing the user that the reading has been added to the collection if the Site Id is currently collecting data.
7. The software shall prompt the user for the Site ID number when "End Data Collection" is selected. Data can no longer be collected for the Site Id that the user enters
8. The software shall prompt the user for a Site ID and display the data associated with that site when "View Data Log" is selected.
9. The software shall prompt the user for a Site ID and erase all collectings for the site when "Invalidite Site" is selected.