

**Title: Site Collection Use Case****Actor: Field Agent****Goal: To interact with every aspect of the app to log multiple sites, invalidate any readings, and import/export any files**

	Action performed by the actor(Field Agent)		Responses from the system
1.	User selects "Import File" on the GUI		
		2.	The .json file from the downloads folder will be added to activesites.
3.	User selects "Start Data Collection" on the GUI		
		4.	A window will appear prompting the user for Site Id.
5.	User selects "Add Reading" on the GUI		
		6.	A window will appear that prompts the user for the Site Id, Reading Type, Reading Id, Reading Value, Reading Date, Study Name, and Study ID.
7.	User selects "End Data Collection" on the GUI		
		8.	A window will appear prompting the user for the Site ID number.
9.	User selects "View Data Log" on the GUI and enters a Site Id.		
		10.	A window will appear that displays all data collected/any imported data. If no data is collected for the site entered, a window will appear informing the user that there are no readings.
11.	User selects "Export to File" on the GUI		
		12.	A window will appear asking the user to check their directory for this file.
13.	User selects "Invalidate Site" on the Gui		
		14.	A window will appear prompting the user for a Site Id.

**Title: Export to Review Data Use Case**

**Actor: Scientist**

**Goal: Review data that has been collected by Field Agent**

	Action performed by the actor (Scientist)		Responses from the system
1.	User wishes to export the data as a .json file. User opens the app.		
		2.	GUI will start and wait for user response
3.	User selects "Export" on the GUI		
		4.	A window will appear informing the user that the file has been exported
5.	User checks the downloads folder, affirms that the file is found and closes the program		
		6.	Program exits

**Title: Checking information Use Case****Actor: Manager****Goal: To check which information has been entered for a site**

	Action performed by the actor (Manager)		Responses from the system
1.	Manager wishes to check if data is added to the site and that data has been collected. User opens the app.		
		2.	GUI starts and waits for user input
3.	User selects "View Data Log" and enters a Site Id.		
		4.	GUI displays any readings for a particular site
5.	User wishes to export this data to a file for user later. Presses "Export" on the GUI		
		6.	A window will appear informing the user that the file has been exported
7.	User checks to see if the file is in the intended directory, and affirms		
		8.	GUI exits and program closes
9.	User wishes to check another site		
			Program and GUI proceed from step 4

**Title: Erasing Data Use Case****Actor: Field Agent****Goal: To remove any information that was recorded incorrectly for a site**

	Action performed by the actor (Field Agent)		Responses from the system
1.	User selects "View Data Log" and enters Site Id		
		2.	A window will appear that displays all data collected/any imported data.
3.	User notices information was incorrectly recorded.		
		4.	Systems waits for action.
5.	User selects "Invalidate Site" and enters Site Id		
		6.	System removes all readings for that particular site
7.	User selects "View Data Log" and enters Site Id to affirm that reading was erased		
		8.	A window will appear informing the user that there are no readings for that site.