User Feedback for UI Prototype

Client

* PFTs used in calibration should be indicated in the configuration file and/or the structure of the input datasets (e.g., flux tower dataset will have a dominant PFT column and PFT-by-share-of-1km-pixels columns).
* Instead of listing outliers for GPP and RECO, it would be more informative to show histograms of the distributions before and after outlier removal, along with the total number of outliers removed. Changing "Number of Days" to "Window Size" will also improve generality.
* Ending Page will show fit statistics such as Pearson’s r value and RMSE for GPP, RECO, and NEE (see updated document from client)

Class

* Change the re-smoothing type from a string input to a drop-down menu option in the Selecting Outliers Page
* Only accept HDF5 file type for input, and throw error when not, on the Configuration File Page
* For GPP and RECO Parameter Pages, say “upper bound” and “lower bound” instead of “max” and “min”
* Display definitions and what the value is being calculated with/for when clicking on any term
* Make back buttons (so the program does not feel strictly linear)
* Create a ‘Choose/Select All’ button for both Parameter Pages and potentially a ‘Clear All’ to then select one (one needs to be selected to proceed)
* Create a progress bar, since the calibration process may take a couple hours to run

Professor Reimer

* Have a place to write the output filename in ‘Read in Config’ page
* Back OR exit options
* Dynamically change image for which PFT is selected
* Clicking outliers to remove them in ‘Outliers’ Page or a box to include/exclude
* Add a choose which \_\_\_ outliers to include/ignore
* Include log of previously removed outliers and report (potential notes for client)
* Put a slider bar and text box for Prh and Pk