

Primacy GUI Layout

Construct a document outlining the parameters for the first two tabs. This will be used to construct GUI elements, which will be passed to input validation, and then passed to the final graphics tab.

- Tab 1:
 - Section 1:
 - Feature 1:
 - Type: Button
 - Default Text: "Please Select a FASTA file"
 - Function: Allows the user to select a file (will be csv for demo)
 - Validation: None
 - Section 2:
 - Feature 1:
 - Type: Text Field
 - Default Text: "Please input a start of range:"
 - Function: Allows the user to input text
 - Validation: Only numbers are allowed
 - Feature 2:
 - Type: Text Field
 - Default Text: "Please input an end of range:"
 - Function: Allows the user to input text
 - Validation: Only numbers are allowed
 - Section 3:
 - Feature 1:
 - Type: Button
 - Default Text: "Next Tab (Process)"
 - Function: Sends data to the pipeline and moves tabs
 - Validation: NA
- Tab 2:
 - Section 1:
 - Feature 1:
 - Type: Text Field
 - Descriptive text: "Start - End = 0"
 - Default Text: Start-End values from previous tab
 - Function: NA
 - Validation: NA
 - Section 2:
 - Feature 2:
 - Type: Value Slider
 - Descriptive Text: "Temperature Max:"

- Function: Allows the user to slide the slider to select a temperature between 0-100
 - Validation: NA (Only values on the slider can be selected?)
 - Section 3:
 - Feature 1:
 - Type: Button
 - Default Text: “Last Tab (Undo Process)”
 - Function: Sends data to the pipeline and moves back a tab
 - Validation: NA
 - Feature 2:
 - Type: Button
 - Default Text: “Next Tab (Process)”
 - Function: Sends data to the pipeline and moves a tab
 - Validation: NA
- Tab 3:
 - Section 1:
 - Feature 1:
 - Type: Chart.JS graph
 - Descriptive text: “Graph of original file:”
 - Default Text: N/A
 - Function: NA
 - Validation: NA
 - Section 2:
 - Feature 1:
 - Type: Text Field
 - Descriptive text: “Temperature + 50: ”
 - Default Text: The result from the pipeline, which should be max temperature + 50
 - Function: NA
 - Validation: NA
 - Section 3:
 - Feature 1:
 - Type: Button
 - Default Text: “Last Tab (Undo Process)”
 - Function: Sends data to the pipeline and moves back a tab
 - Validation: NA