‘main’ module stores the functions that operate controls on the user interface and call functions from the back end to process and validate the data.

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| **Function signature** | | **$(document).ready event handler** |
| This function is triggered when the application main page is loaded and configures the user interface. It makes the data file selection panes visible and activates the file selection buttons. | | |
| **Function signature** | | **readFile\_s***(evt)* |
| This function loads the shipment data file. | | |
| **Function signature** | | **readFile\_e***(evt)* |
| This function loads the establishment data file. | | |
| **Function signature** | | **Process\_est***()* |
| This function processes the establishment data after being loaded by readFile\_e function. Data validation is performed by calling verify\_est function. Once the validation is complete, this function constructs the data table to display the results. | | |
| **Function signature** | | **Process\_shp***()* |
| This function processes the shipment data after being loaded by readFile\_s function. Data validation is performed by calling verify\_ shipment function. Once the validation is complete, this function constructs the data table to display the results. | | |
| **Function signature** | | **Collapse\_e***(obj)* |
| This function applies the collapsible feature to a pane in the user interface provided by ‘obj’. Collapsible feature allows the user to collapse and expand a pane by clicking on it. | | |
| Argument: | * *Obj: The object that collapsible feature is assigned to (Object).* | |

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| **Function signature** | | **Collapse\_c***(obj)* |
| Collapses a pane in the user interface. This function hides the data file selection and variable configuration panes after the data validation report is being displayed. | | |
| Argument: | * *obj* : *The object to be collapsed(Object).* | |