**Keyboard Issues**

**The Main Menu and App Bar  
example** <https://www.w3.org/TR/wai-aria-practices/examples/menu-button/menu-button-actions.html>

* Menu button needs - aria-haspopup set to either menu or true
* Rename Button label to menu (Done) – Translation needed
* On Home page, clicking enter when on the menu icon refreshes the page. It should open the menu window. (Park for now)  
  Enter, Space, Down arrow should open the menu and focus should be in first item (fliter)
* Add Keyboard Shortcut (Done need to finalize shortcut) – Need manager
* The element that contains the menu items displayed by activating the button has role menu Ashton – attribute on visualization that defines role default to listitem
* When the menu is open, Tab opens the filter. Pressing Tab again should activate the menu list, then up and down should navigate each item. Ashton
* When using the VO each items text and arrow is also navigable (Will be solved with role )
* Rename roles to menuitems - Ashton
* Menuitem has aria-haspopup set to either menu or true. Ashton
* If a menubar is vertically oriented, it has aria-orientation set to vertical Ashton
* When on the last menu item and press down should go back to top (Me is only for menu items or list as well)
* Possibility to have 1 of 12 (lower priority – needs more research)
* Landmarks and heading (Rabie will verify)
* Loses focus for a while after Tabbing on the Assist icon. It seems to be focused in the middle of the screen on hidden objects. (this has been fixed)
* Esc should close the menu and focus on the button (shortcut manager)
* If on the menu and you click tab and focus goes to the main content, then menu should close. (Check once ashton is complete)

**Grid**

* **Properties Panel Button** – when accessing the properties panel, the focus should be on the first item.
* **Query builder button -** focus stays on the button and doesn’t move to the active dialog.
* **View button** – focus moves to the first item but cant get back to close the button quickly again with out having to follow the tab sequence.
* Exiting the panel should then bring you back to the pp button.
* Esc doesn’t close anything
* Accessing the grid first it focuses on the checkbox in the table header then pressing tab the whole grid is highlighted when you focus on it. Should focus on the first cell.
* Cant access the dialog from a cell when pressing enter.

**Side panel**

* Currently set up as tabs
  + Tab once to access tab headings. Then press up or down to navigate the tabs. Tab again to activate the tab pane and focus on the first item.

**Dialog**

* When closing the dialog, focus should fall on the item that opened it
* Tab group header aren’t navigable. Should be able to navigate using left and right. Tab again to move out of the group of tabs.
* When closing a look up again the focus should be on the item that opened it.
* Look ups aren’t navigable
* When the dialog is open, items in the background should no longer be accessible.

**Tree**

* Can’t access tree with only keyboard.
* Enter should bring up the dialog box.
* Spacebar to select

**Cross Reference**

* On dialog opening the focus should be on the first input field