**Custom D3 Gantt Chart – Feature Tests**

**Version 1.2.1**

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| **Test Name** | **Test Steps** | **Expected Results** | **Results** |
| Use Gantt as Filter | a) Create a dashboard with a Gantt and Grid viz,  b) Select option on Gantt to 'Use as Filter',  c) Target the Grid,  d) Click on a task bar  e)Then click in chart area (i.e. not a task bar or milestone) | 1) When clicking on a task bar (or milestone), the grid viz should filter on that selection.  2) When clicking in chart area outside a task bar or milestone, the selection should be cleared. | IE: (1) Pass (2) Pass  Chrome: (1) Pass (2) Pass |
| Create Timeline without a Progress Metric | a) Blank fields or zeros for Progress Metric Column | 1) No inner progress bar is drawn in task bar/s | IE: Pass  Chrome: Pass |
| Create Timeline with Progress Metric | a) Progress Metric Column has entries in the form of percentages (i.e. 5%, 44%, 76%, etc.) | 1) An inner progress bar is drawn inside the respective task bar. The progress bar’s color will be a brighter shade of the associated task bar’s color. | IE: Pass  Chrome: Pass |
| Date Line Displays current Date | a) Ensure the Date Line toggle under Properties Tab>”Gantt Chart Settings is checked. | 1) A red, vertical line is drawn on the chart corresponding to the current date. | IE: Pass  Chrome: Pass |
| Set a Custom Date Line Location | a) Ensure the Date Line toggle under Properties Tab>”Gantt Chart Settings” is checked.  b) Check the box saying you want to change the dateline date from default of today’s date.  c) Enter a date in MM/DD/YYYY format | 1) When checking the box saying you want to change the dateline date from the default of today’s date, “Change Date Line” box becomes active.  2) Enter a date in the format of MM/DD/YYYY.  3) Chart redraws with dateline now at the entered date.  4) Enter a date NOT in MM/DD/YYYY format.  5) An alert pop-up appears indicating the incorrect format. | IE: Pass  Chrome: Pass |
| Display of Fiscal Year Axis | a) Under Properties Tab>>”Gantt Chart Settings”, check/un-check the FY Axis toggle. | 1) When checking on the FY Axis toggle, the FY Axis appears as the bottom most axis.  2) When checking off the FY Axis toggle, the FY Axis becomes hidden. | IE: (1) Pass (2) Pass  Chrome: (1) Pass (2) Pass |
| Display of Fiscal Year – Quarter Axis | a) Under Properties Tab>>”Gantt Chart Settings”, check/un-check the FY Quarter Axis toggle. | 1) When checking on the FY Quarter Axis toggle, the FY Quarter Axis appears.  2) When checking off the FY Quarter Axis toggle, the FY Quarter Axis becomes hidden.  Depending on which axes are toggled on/off will determine where the FY Quarter Axis will be drawn. Default ordering if all axes are checked on to show is CY Axis>CY Quarter Axis>FY Quarter Axis>FY Axis.  For FY Quarter Axis, should CY Quarter Axis be hidden, the ordering is CY Axis>FY Quarter Axis>FY Axis. | IE: (1) Pass (2) Pass  Chrome: (1) Pass (2) Pass |
| Display of Calendar Year – Quarter Axis | a) Under Properties Tab>>”Gantt Chart Settings”, check/un-check the CY Quarter Axis toggle. | 1) When checking on the CY Quarter Axis toggle, the CY Quarter Axis appears.  2) When checking off the CY Quarter Axis toggle, the CY Quarter Axis becomes hidden.  Depending on which axes are toggled on/off will determine where the CY Quarter Axis will be drawn. Default ordering if all axes are checked on to show is CY Axis>CY Quarter Axis>FY Quarter Axis>FY Axis.  For CY Quarter Axis, should CY Axis and FY Quarter Axis be hidden, the ordering is CY Quarter Axis>FY Axis. | IE: (1) Pass (2) Pass  Chrome: (1) Pass (2) Pass |
| Display Calendar Year Axis | a) Under Properties Tab>>”Gantt Chart Settings”, check/un-check the CY Axis toggle. | 1) When checking on the CY Axis toggle, the CY Axis appears.  2) When checking off the CY Axis toggle, the CY Axis becomes hidden.  Depending on which axes are toggled on/off will determine where the CY Axis will be drawn. Default ordering if all axes are checked on to show is CY Axis>CY Quarter Axis>FY Quarter Axis>FY Axis.  For CY Axis, should CY Quarter Axis be hidden, the ordering is CY Axis>FY Quarter Axis>FY Axis. | IE: (1) Pass (2) Pass  Chrome: (1) Pass (2) Pass |
| Change Theme Style | a) In Visual Insight, on the main menu, click “Format”, and then select “Light Theme” or “Dark Theme”. | 1) Axis fonts and lines change colors depending on theme selected for better contrast. | IE: Pass  Chrome: Pass |
| Toggle Y-Axis Title | a) Under Properties Tab>>”Gantt Chart Settings”, check/un-check the Parent Attribute Column Header toggle. | 1) The Y-Axis Title toggles on/off. | IE: Pass  Chrome: Pass |
| Tooltip Progress Percentage Precision | a) Scroll over a task bar (milestones do not have progress attributes). | 1) The Progress Percentage should be rounded to the nearest 0.1%. | IE: Pass  Chrome: Pass |
| Tooltip Font Size | a) Under Properties Tab>>”Gantt Chart Settings”, select desired Tooltip Font Size from the drop down selector. | 1) When a tooltip is displayed, its font size should be of the size selected from the drop down. | IE: Pass  Chrome: Pass |
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