**Production UC:  01022-00**

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| **USER STORY #** | **B-01022-00** | |
| **TITLE** | **Trend – chart the trend of fleet performance** | |
| **AUTHOR** | P. W. Wehan | |
| **REVISION HISTORY** | October 7, 2008 – P. W. Wehan   * Initial revision   October 14, 2008: P. W. Wehan   * Change number of date ranges * Change default data range * Revise error processing | |
| **REFERENCES** | Click-through web site ([http://tiwipro.uixd.com](http://tiwipro.uixd.com/)); PRD | |
| **SUCCESS GUARANTEE** | The User can see a “Trend” graphic based on non-zero data, correctly positioned within the page. | |
| **MINIMAL GUARANTEE** | The User can see a “Trend” graphic based on no data, correctly positioned within the page. | |
| **BUSINESS GOALS** | **DESCRIPTION** | |
| 1 | To provide a means for analyzing trends in overall fleet performance. |
| 2 | To analyze trends in fleet performance over four different time periods. |
| **SYSTEM GOALS** | **DESCRIPTION** | |
| 1 | To display the fully-populated “Trend” graphic. |
| **ACTORS** | The System, the User | |
| **PRE-CONDITIONS** | **DESCRIPTION** | |
| 1 | The User is somewhere in the System, including the Log In process. |
| 2 | The User has the appropriate role/rights. |
| **NORMAL PROCESSING**  **(Flow Of Events)** | **DESCRIPTION** | |
| 1 | The User selects the “Home” menu item or the User logs in. (Exception Processing can occur at this point) |
| 2 | The System retrieves the “30 days” view data. |
| 3 | If there is no data, for any of the regions, the System creates an x-y graphic with no lines for that region. If there is no data for any region, the x-y graphic area states “No data to display.”. |
| 4 | If there is data for a region, the System creates an x-y graphic for the region. The x-y graphic is color-coded by region. |
| 5 | The page is displayed. |
|  |  |
| 1 | The User selects one of the four range links.  (Exception Processing can occur at this point) |
| 2 | The System retrieves the selected time period’s data. |
| 3-4 | Same as above. |
| 5 | The time period selectable links are changed in appearance (color, underlined or not) |
| 6 | The x-y graphic is refreshed. |
| **ALTERNATE PROCESSING**  **(Flow Of Events)** | **DESCRIPTION** | |
| 1 | N/A |
| **EXCEPTION PROCESSING**  **(Flow Of Events)** | **DESCRIPTION** | |
| 1 | The System encounters an error. (i.e. Server down, database down, …) |
| 2 | The User is presented with an error page informing them of the problem, along with Customer Assistance Information. |
| 3 |  |
| 4 |  |
| **POST-CONDITIONS** | **DESCRIPTION** | |
| 1 | N/A |
| **REQUIRED USER INTERFACES** |        <http://tiwipro.uixd.com/dash_exec.html>         A generic error web page. | |
| **OUTSTANDING ISSUES** |        “30 days” missing accidently or ? **Oversight**         Default view for “Trend” graphic year?  Which is different for the default view for “Overall Score” graphic above it? **Default should be 30 days**         Why doesn’t the graphic connect to the y-axis? **It should** | |