**Production UC:  B-01028-00**

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| **USER STORY #** | B-01028-00 | |
| **TITLE** | Trend - chart the trend of my fleet performance | |
| **AUTHOR** | P. W. Wehan | |
| **REVISION HISTORY** | October 15, 2008 – P. W. Wehan   * Initial revision. | |
| **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 fleet performance for a specific region. |
| 2 | To analyze trends in fleet performance for a specific region 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 Fleet Manager user selects the “Home” menu item or the Fleet Manager user logs in. (Exception Processing can occur at this point) |
| 2 | The System displays the Fleet Overview page. |
| 3 | The User selects one of the regions in the trend table. (Exception Processing can occur at this point) |
| 4 | The System retrieves the “30 days” view data for the selected region. |
| 5 | 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.”. (Produced out of Fusion Charts automatically) |
| 6 | 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. |
| 7 | The page is displayed. |
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| 1 | The Regional Manager user selects the “Home” menu item or the Regional Manager User logs in. (Exception Processing can occur at this point) |
| 2 | The System retrieves the “30 days” view data for the User’s selected region. |
| 3-7 | Same as above. |
|  |  |
| 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. |
| 3-5 | Same as above (5-7). |
| 6 | The time period selectable links are changed in appearance (color, underlined or not) |
| 7 | The Trend 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 ? **Yes** * Assuming the links found above the x-y graphic affect the x-y and table graphics that together make up the “Trend” view? **Yes** * Default view for “Trend” table is year?  Which is different than the default view for “Overall Score” graphic above it? **Whatever is the left most value** * Table headings in click-through are different from PRD? * PRD shows no sort on table headers, click-through does? **Sort** * Table striping gets “Interesting” after sort by column? **Yes but more subtle** * Assume not navigating to POPULATED display when a region is clicked in the table? **YES (place holder)** * Are the “Overall Score” items in the table selectable?  If so, what happens? **Placeholder (but need definition)** * How are the “Overall Score” values calculated? A Daves question? **And product (Randy)** * The user story mentions that they would like “to drill down into a regions detail and modify the trend chart and table by a date range”. Where does this occur?  In the arriving at location or on this page?  If so, where does the date range live? **Paul to change uc** | |
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