**Production UC:  B-01031-00**

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| **USER STORY #** | **B-01031-00** | |
| **TITLE** | **Estimated Fuel Efficiency – chart fuel efficiency of a fleet region** | |
| **AUTHOR** | P. W. Wehan | |
| **REVISION HISTORY** | October 16, 2008   * Initial revision | |
| **REFERENCES** | Click-through web site ([http://tiwipro.uixd.com](http://tiwipro.uixd.com/)); PRD | |
| **SUCCESS GUARANTEE** | The User can see a bar chart display of “Estimated Fuel Efficiency” for a fleet based on non-zero data, correctly positioned within the page. | |
| **MINIMAL GUARANTEE** | The User can see a bar chart display of “Estimated Fuel Efficiency” information for a fleet based on no data, correctly positioned within the page. | |
| **BUSINESS GOALS** | **DESCRIPTION** | |
| 1 | To provide a means of comparing fuel efficiency across regions. |
| 2 | To compare fuel efficiency across regions over four different time periods. |
| **SYSTEM GOALS** | **DESCRIPTION** | |
| 1 | To display the fully-populated “Estimated Fuel Efficiency” graphic. |
| 2 |  |
| **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 retrieves the “30 days” view data for the selected region. |
| 3 | If there is no data, for any of the regions, the System creates a 0 height bar. |
| 4 | If there is data for a region, the System creates a bar for the chart. |
| 5 | The page is displayed. |
|  |  |
| 1 | The Fleet Manager 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 widget 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** |  | |