# Use Case Overview

Task List

When the user logs on to the Driver Task Tracking device, he/she will see the Task List screen. This is considered the Main Page of the system. On this page the user can see all the tasks that have been assigned to him, including the ones he has already completed. From here, he can begin a task (Use Case 4004 – Performs Task), view a task’s details (Use Case 4002 – View Task), report an issue (Use Case 4006 – Report Issue), go off duty (Use Case 4005 – Records Break) or log off.

Current Task

This screen shows the details of the task which is currently being performed. The user will be taken to this screen when he/she selects the Start button from the Task List view. This screen displays three sections of information about the task at hand. The first section is the trailer information, which displays the trailer number, seal number, and the shipping company that the trailer belongs to. The second section is the request information, where we will see the pick-up location, drop-off location, when it is due, and when the driver started the task (or N/A if it has yet to be started). The final section is Notes, where the driver can see any notes that were added by the dock foreman upon making the request, or the dispatcher when assigning the task.

Performs Task

There are two ways to begin a task. If the user is currently in the Task List view, he may select the “Current Task” radio button of the task he would like to perform, and then hit Start. He may also perform Use Case 4002 – View Task. Once I the View Task view, he can hit start to begin the selected task. When a task is started, a time stamp is saved as the start time of that task. When the user is finished with that task, he will hit Finish and the end time of the task will be time stamped. Once completed, the task will be dropped to the bottom of the queue with its completed field checked. The start and end time stamps will then be sent to the TTCS.

Records Break

When the driver is going off duty for lunch, break, meetings, etc, he will use the Off Duty feature of the device. This will simply time stamp when he went off duty and time stamp when he comes back. That information is passed back to the TTCS. When a driver is off duty, his status is set to such in the TTCS for dispatch to see.

Report Issue

If there is an issue preventing the driver from starting or completing his task, he can report an issue with the selected task. He will provide the reason for reporting the issue as well as any additional notes he may want to add. The issue will be sent to the TTCS for the dispatcher to handle. If the issue was reported while performing a task, that task will be stopped and sent to the bottom of the queue. The task will be time stamped when the issue was sent and again when it is restarted.

My Productivity

This use case is invoked when the driver selects the My Productivity button from his main screen, Task List View. The user will be taken to the My Productivity screen where he/she can see their stats for the day. These stats include tasks received, tasks completed, average move time, and average late time. There will be a pie chart depicting how the driver is spending his time (on task, idle, or off duty). And, finally, there is a bar chart showing a graphical representation of how his stats compare to the average of all 12 drivers for that specific day. It should be noted that a driver cannot see any specific information about another driver, but only the averages of all the drivers as a whole.