# Pharmacy Error Tracker

# Use Case 4: Produce graphs/charts/visualisations of monthly errors

1. Brief Description

When a supervisor

Wants to create a graph of the error report data, they select what data they want the graph to display from the selected time period

So that the system generates a graph from the selected data

1. Actors
   1. Supervisor

* A user of the system with additional rights to view and report on the error data.

1. Pre-Conditions
   1. A supervisor wants to create a graph of the data.
   2. At least one error report has been filed.
2. Normal Flow

The use case begins when the supervisor wants to see a spreadsheet of submitted errors.

|  |  |
| --- | --- |
| Actor | System |
| 1.1: The supervisor selects the option to create a graph of the data. | 1.2: The server redirects the supervisor to a locally hosted instance of Metabase. |
| 2.1 The supervisor selects the options for the graph they want to make. | 2.2: Metabase creates the graph using the specified options. |
|  | 2.3: Metabase displays the required graph to the supervisor. |
| 3.1 The supervisor downloads the completed graph to include in a report. |  |

The use case ends.

1. Alternate Flows
   1. Failure flow 1

If at step 1.1 of the normal flow a Metabase instance is not found, then:

|  |  |
| --- | --- |
| Actor | System |
|  | 1.2.1: The server sends an error message to the user, indicating the problem. |

* 1. Failure Flow 2

If at step 2.1 of the normal flow there is no data for the selected options, then:

|  |  |
| --- | --- |
| Actor | System |
|  | 2.1.1 Metabase displays an empty result. |

The use case ends.

* 1. User abandoning use case

If at any step of the normal flow the user attempts to close the form, then:

|  |  |
| --- | --- |
| Actor | System |
|  | 3.1: The system creates a pop-up prompt asking the user if they want to discard the details entered so far. |
| 3.2 The user confirms they wish to close the form. | 3.3 The form is closed and all details entered are discarded. |

1. Post-conditions
   1. The supervisor should have a downloaded image of the graph they created.
2. Special Requirements
   1. Metabase will be running on a PC and hosting a webpage on the default port 3000.