**Case Study**

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| **Title**  Bulk upload function | **Priority**  High | **Estimate**  2 |
| As an admin staff, I want to update multiple final delivery details all-at-once so that I can save time in updating actual equipment delivery status. | | |
| **Acceptance criteria:**   1. User receives the error message when he/she enters the invalid information in excel (e.g. entering “Ship” for transport mode). 2. User can upload the excel file containing delivery details in system. 3. Once upload is done, all delivery details in excel are updated in database. 4. Confirmation message is displayed to user once details are updated. 5. Log file is created capturing the detail actions, date time and user id. | | |

**Further clarifications:**

1. Where to update the “planned delivery” in case if there is a typo or change in plan?
2. What are the differences between “Equipment delivery” and “delivery” sections? Can we combine them?
3. What is the list of pickup location and drop-off location for delivery detail to ensure the consistency of data?
4. Where to update the prefix in Haulier field? In another term, given Haulier value list mismatch with Haulier values in the form. E.g. CZ/CEVA vs CEVA

**Proposed excel template:**



**Suggestions:**

1. To capture the **log file** including updated date time and staff id to ensure the authenticity of the data
2. To enable **export to excel** function so that users/admins can export and edit in excel instead of re-entering the repeated information manually
3. To allow multiple delivery detail updates for **more than one (many) equipment in one single upload** so that it can fasten the process
4. To have **separate estimate and actual delivery fields** so that insights can be captured regarding the delivery delay for delivery process improvement
5. To add **one more field called “status”** in “Equipment delivery” section and allow users/admins to update the status whether “completed” or “failure” instead of having separate “Delivery failure” tab
6. To **add a filter in delivery detail page** so that users/admins can filter by status and delivery mode