Kautex Data Project
Computer Science and Information Technology
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INTRODUCTION

We worked with Kautex to increase productivity within their shipping department.

PROBLEM STATEMENT

Kautex receives daily orders in a PDF. They then manually go through and assign product quantity to each vehicle consuming manpower. Our task was to automate some of this process.
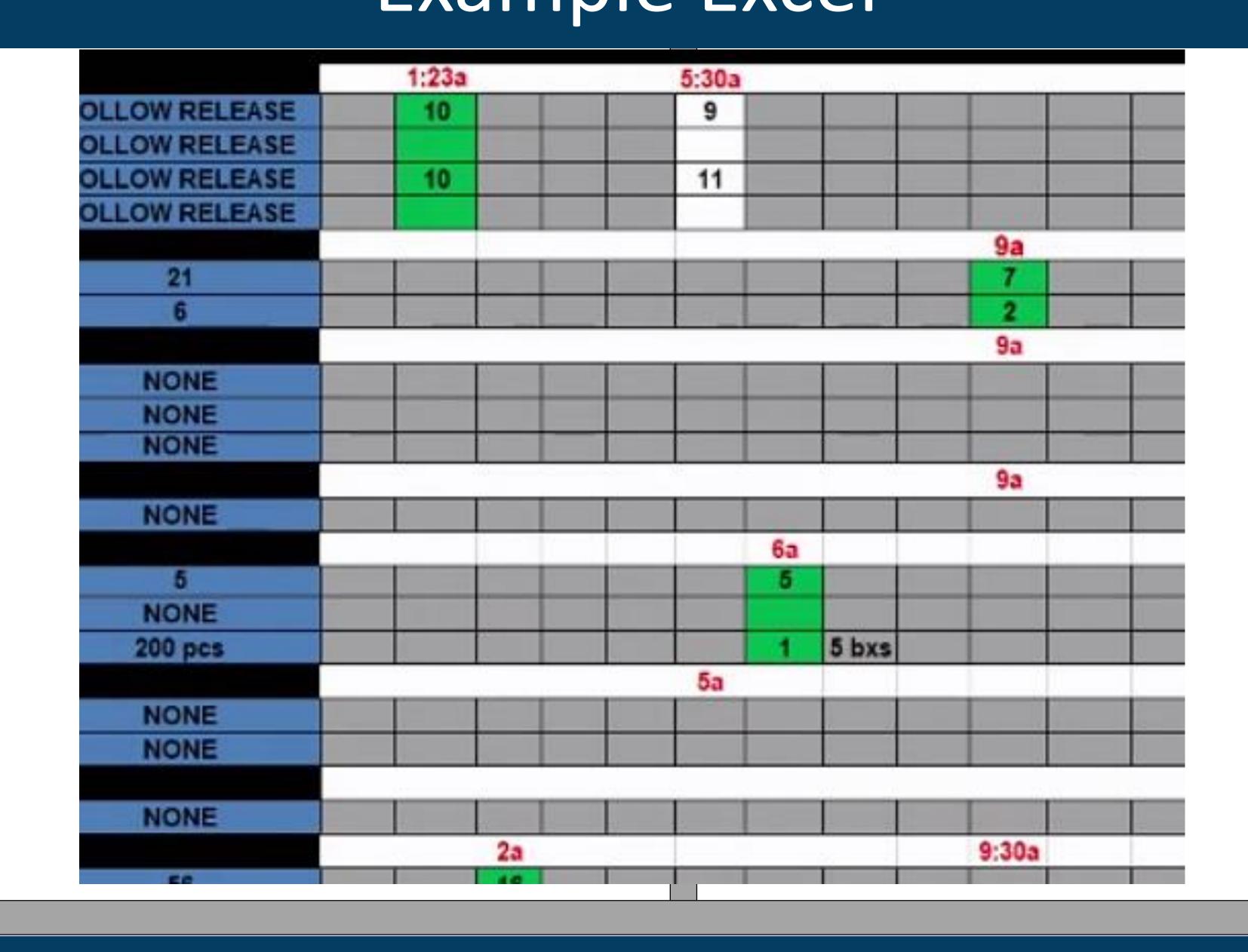
CUSTOMER NEEDS/SPEC

The customer needs a report that can show them what is on each truck for certain times and show them which quantities have changed from the forecasted value.
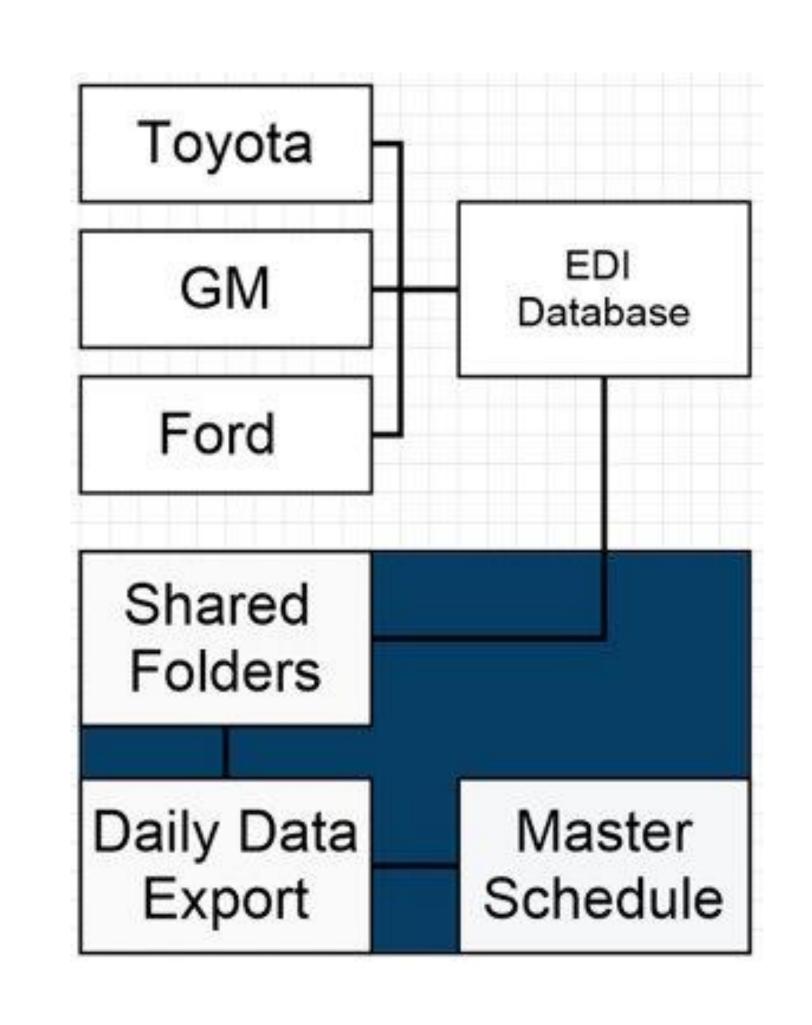
Example Excel

DESIGN

To create system that was easy for the nontechnical staff to use and maintain, we did not want to use a programming language like Python to manipulate the data. We chose to use a macro to import the data from the daily requirements file and to use Excel formulas and macros to manipulate the data to create the master schedule with the type and quantity of parts for each shipment.

CONCLUSION

LESSONS LEARNED

Communication with the stakeholder is key at all aspects of the project. By talking with the stakeholders, you understand the needs of the clients as well as any limitations you have when implementing the product.

ACKNOWLEDGEMENT

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