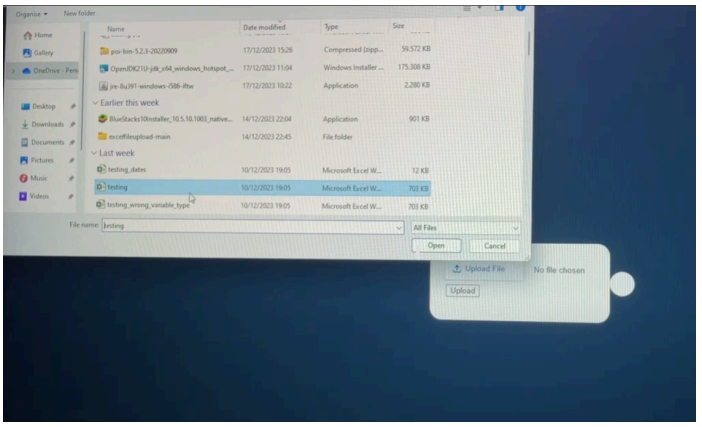
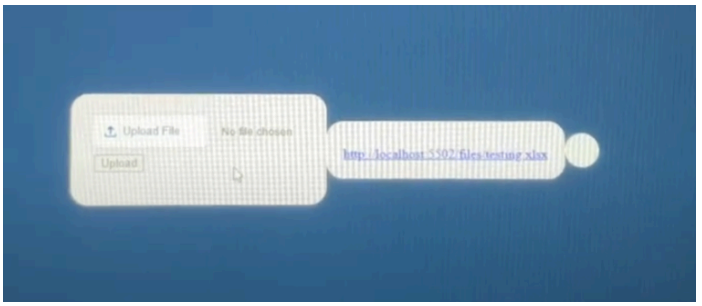
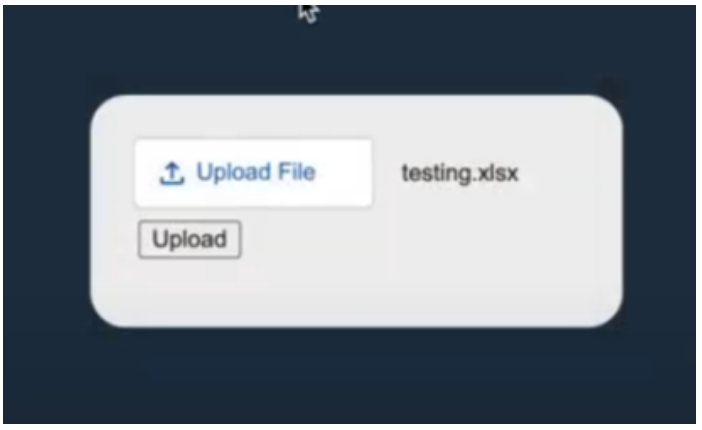
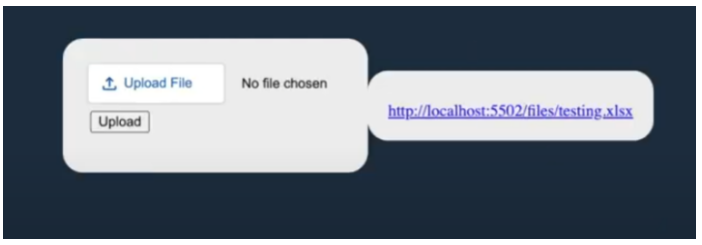
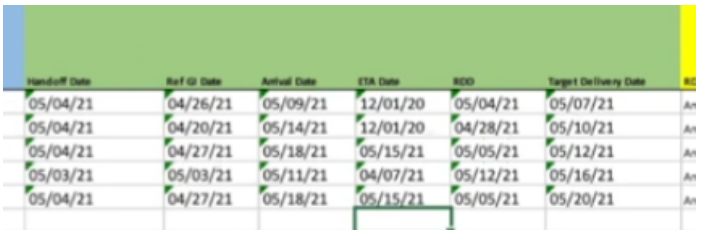
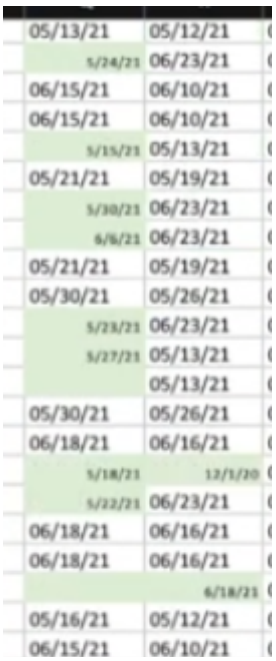
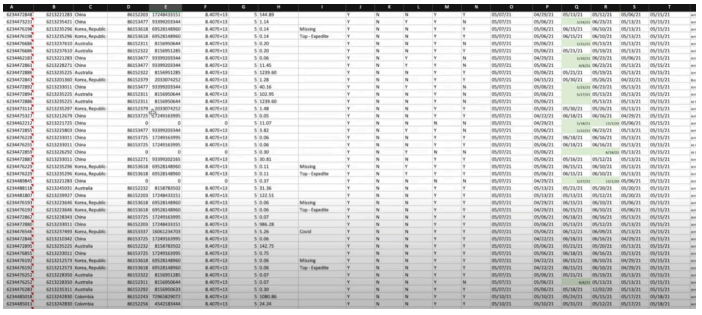
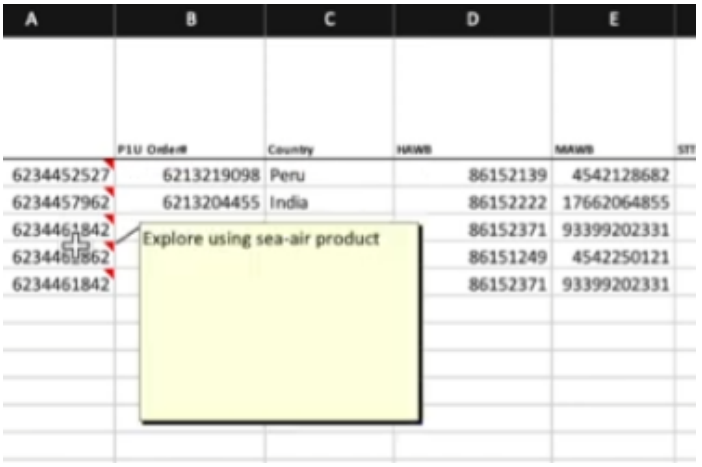
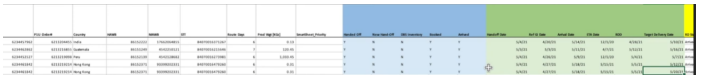
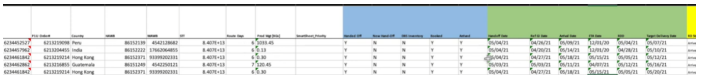
Criterion E: Evaluation

Evaluation of the Product

Success Criterion	Client Feedback	Evidence
Support for iOS and Windows	My client agrees that the application can run on both platforms and has proven to be working very well in both environments. No errors or problems encountered.	 
Be able to upload an excel file with the right rows and columns on it to the website	Very effective and easy to use. No matter how messy the source file is, the modified file appears to have the correct sorting and placement of products. However, the client suggested that there could be a way for only one file to be updated and whenever there are changes to that one specific file, the program would be able to detect it and readjust accordingly instead of uploading multiple files with changes to it.	 
Be able to successfully store the variables from the excel file in the program and able to process it correctly.	The program was able to execute this effectively. And the error messages (elaborated on later) are accurate based on what my client saw. Client was pleased with the outcome.	

Be able to sort the data into shipping-priority categories based on the difference between the HandOffDate and TargetDeliveryDate.	Client stated that it was very clear which products needed to be prioritised due to the sorting that the file underwent.	
Rewriting the sorted products back to the excel file	Client agrees that the sorted products look correct and the excel file displays what he wanted to see.	
Write a comment on the products based on the difference in day	Comments were found to be effective by the client. The client was also glad that the comments were clear and very straightforward as to what the next actions had to be.	
Be able to open the modified excel file and see all of the products sorted	Client agrees that the products are all sorted and once again reinstated that the new version is easy to read and process for the product handlers.	 Old version ^  New version ^

Be able to show an error when the variable type is not correct	Client stated that this error was very good to have picked up on and looks quite well done. However, the client suggested that there could be more details to what the error message said such as where this specific error is and also the specific variable type that is wrong.	

Recommendations for Future Development of the Product

My client gave some feedback about the product as it stands as seen in appendix A, interview 3. I have taken this feedback and turned it into suggestions that could be potential features in the future.

There are some more things that can be touched up on in this project. For example, there could possibly be a program that constantly watches each manual change that is being made to the uploaded spreadsheet. The uploader would make a new adjustment to the spreadsheet and the spreadsheet would automatically adjust if necessary. This could be seen through one of the date variables that is being monitored changing and thus the whole program would have to adjust by prioritising or de-prioritising the order. By doing so, this change would make the job of the uploader easier as they would not need to keep downloading and uploading the spreadsheet to the website. It would also save memory space and be overall beneficial in terms of efficiency.

Another suggestion could be to have a more specific variable type error. By being able to alert the user of which specific part of the spreadsheet there is an error in, it would be much easier to find the cell that needs working on and thus speeds up the process of inputting data. This would work when the file has been uploaded and the user is redirected to a mismatch error page. From there, the program would display the cell number and column to the user who would then be able to easily track down the cell and correct the mistake. It would also be useful to be able to tell the type that needs changing for example if an “int” variable type was put into a “string” variable column which would also make the process much easier to narrow down.

By focusing and improving on the suggestions given above, the program would be more beneficial overall and thus provide a better experience for the user.

Word count: 328