Criteria Document

At KentSoft, we believe that we have fulfilled the necessary criteria for the final stage (5) of this project. In terms of deliverables, we have uploaded and submitted them in the correct format as per the requirements document. Similarly, to previous stages the documents were asked for in PDF form, whilst the papyrus models were asked to be zipped. The new addition was the index.html page, which essentially acts like a documentation website. You can find our actual application, the source code for it as well as the Javadoc for it. You can also find our groups workflow, documentation and essentially our execution for this whole project.

During this stage, we have continued to make weekly meetings to keep track of our progression. Of course, during the period of this final stage, a national pandemic broke out which caused many problems; including the university being shut down. As a result, this affected the normal schedule we had which included meetings in person at the library. To resolve this issue, we moved to online meetings via discord. We released a statement explaining this in more detail titled "Remote working".

This further led us to change the number of set meetings a week and decrease them by 1. This is so that we can accommodate every team member and not put too much stress on them as we understand that they might have personal matters they have to attend to. We kept the default meeting duration the same as we believe that the current set meeting duration is the minimum number of hours, we need to complete Stage 5.

As we did not complete all the functionality for stage4, we first finished that off, whilst making many revisions based on the feedback and new information. You can find more information about our revisions in our "Revisions" document.

Acting on our feedback from the previous stage, it was advised that we should merge our UML diagrams into 1 single diagram, as opposed to our previous upload which had 3 separate. We also used generalization of the different user types in the final UML.

Another point that was raised in the feedback was to do with the testing of the application. We adopted GitLab CI/CD Pipelines & Gradle. The pipelines essentially Implements continuous integration which is part of our SDLC because of our waterfall agile methodology that our team incorporates here at KentSoft. Many advantages come from this such as version control and audit trails. JUnit tests are also automated as a result which is a huge advantage as it allows for smooth workflow.

Various new documents were created for this final stage of the project such as the Status document, where we outlined the requirements we met, and the ones we didn't. In addition to that, a YouTube video was also uploaded which gives a rundown of our application. This allowed us to show off our GUI for the application, which we were very proud of.

Each of us here at KentSoft feel as if we've given our maximum efforts throughout the duration of this product and are sad to see the end of it.