Final Report

I will have data recorded before, during and after the testing of my prototype.

The first data presented are the answers that I gathered from the questionnaires and surveys done with the parents. This data will be presented in a table using Microsoft excel and also in bar charts and pie charts. All this data is quantitative so will be easier to read if presented using charts. This data will help me answer a port of my research question which is if the current handwriting learning process can be improved.

During the testing of the prototype I will be taking notes on what the children are doing, the notes will be a mix of quantitative and qualitative data. Since I will input numeric data like how many questions were asked but also qualitative data like what the questions were, this data will be presented in form of report while also comparing the children` experience.

After the testing of the prototype I will have an interview with the children to see what they think about the experience. I will again ask a mix of qualitative and quantitative questions which later the answers will be recorded and compared.

I will compare the user experience of the application by using the answers of the last interview with the results that were given in the paper (Mira Kania Sabariah, 2015)

I will check if the child is more motivated to learn the writing process by compering my results with (Heni Jusuf, 2016) results using the

I will compare the overall usability of my application by using the Hierarchical task analysis with (Mira Kania Sabariah, 2015) research.

A simpler but similar algorithm to (Junlei Song, 2018)`s algorithm will be used, but instead of MATLAB, octave will be used.

I will also compare my text recognition rates with all the other recognition rates I found in my literature review.

# Bibliography

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