**A3 write up**

Abstract

Many companies use histograms to show their clients, employees and investors how they are preforming financially. Many companies also have art pieces in their front reception area to <make the company more inviting, spruce up the place?> we are proposing to do both in one fell swoop with a marble histogram machine. The system has a tube that is filled with marbles of one of four colors <a, b, c, d> as it reads an update on the steam website as to how many users are logged in it drops the servo will turn pushing the slider crank in one direction or another allowing a marble to drop down from it’s storage tube. The slider crank will then move in the opposite direction pushing the marble down a hole where it will drop into it’s place at the bottom with the rest of the marbles. The final result will be a histogram showing the amount of people logged into steam over the last <12> hours.

References

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