

Alan Decowski

CPE-490

Professor Iyengar

Final Project

Stevens Institute of Technology

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Abstract:

The final project that I have attempted to take is a program similar to Google Docs. Google Docs is a fantastic platform for collaboration with colleagues. The only issue is that it requires an internet connection. The point of what I have created is not to try to outplay Google at its own game, it is to create a platform that can be used without internet connection. This idea originated three years ago in my senior year of High School where I made a poor prototype for a 24-hour hackathon.

The full write up will be detailing how the program handles network communication, as well as documentation on how the network interface is implemented. Simply, Java offers the use of ServerSockets/Sockets that was extended upon by my NetworkInterface class to allow for easy communication and instantiation of the two separate objects. Meanwhile raw data cannot be sent using this system, this will be sufficient for the proof-of-concept prototype that is submitted.