

Proceedings of the Annual General Donald R. Keith Memorial Conference
West Point, New York, USA
May 3, 2018
A Regional Conference of the Society for Industrial and Systems Engineering

NetSciDraw Application

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Abstract: The NetSciDraw application is a part of the NetSciApps project that focuses on the importance of systems thinking being incorporated into the educational system. The problem facing many young academic communities is that children are not learning how to think in terms of networks. Therefore, the goal of this project is to build an application that helps students think in more creative ways rather than in linear paths. The primary audience is students grades K-12 in order to instill the value of systems thinking at a young age. At the current state of the application, the users are able to draw nodes (of varying sizes) and edges to connect the nodes. The users can also put their thoughts into these nodes. The application has received a lot of positive feedback from users, which include suggestions on how features can be either added or improved.