

Project Title – Techie Doodles

Ever wanted to draw something as part of the college assignment but never found the right tool to use? Found a tool but it could only be used for a single subject? If the answers to either of the above questions is yes then don't worry. "Techie Doodles" is the go-to tool for all your needs.

We aim to design a drawing tool that is capable of drawing anything and everything based on engineering subjects. Whether it's that electrical circuit or that mechanics problem with all the forces, the ER-diagram as part of your mini project or the logic circuit as part of the assignment. 'Techie Doodles' will do it all.

Some of the tools is a simple drag and drop implementation along with custom line tool that lets you change size and colour. Choose from the wide range of existing domains to make the perfect diagram. You can also add a textbox to label your diagrams, thus making it readable. Save your work (in the server) as an image for future reference. Have a unique account to login into the website. Unleash your creative side with the scribble pad that lets you draw almost anything along with numerous colours that you can create yourself. Send us your feedback to help us improve. The feedback is mailed to the concerned people almost immediately. A voice responsive tutorial helps you learn everything you need to know about the tool.

We hope to create a language to help code your way instead. This would be done by using data structures to help keep track of elements on canvas which would also help make the entire correction process automated. Enabling prediction along with your own assistant will help improve the whole process.

However the project we are aiming to do is huge and there are numerous tasks at hand. We are hoping to implement the completed project for the CBT's, that are conducted by the college. This tool should allow students to draw the relevant diagrams for a given question in the Computer Based Test.

Until then, Happy Doodling!

Team Members: Nikitha Rao B S (01FB15ECS364)

Rutha Prasad (01FB15ECS367)

