Abstract:

* Mathematic is a basic and important discipline.
* Equation are the mathematical statements that is made up of two expressions connected by an equal sign.
* Co-ordinate geometry could be a difficult chapter for students in secondary or even higher level.
* Most of the time, students feel difficult to visualize the equations and can not relate to the real life.
* It is also difficult for teachers to explain the topic.
* This project “Equation Visualizer” can be helpful to both the students and the teachers in the teaching and learning process.
* With the motto of making mathematics fun, we have put forward this project
* Takes equation form user, analyze the equation and plot the graph of the equation.

Introduction:

Background:

Motivation:

* The motivation behind this project, as stated before, it to make mathematics fun.
* We as a student have faced this problem in our childhood.
* Even our teachers struggled to clear our doubts because they didn’t have solid tools to visualize.
* It is very difficult to precisely plot the graph in the sheets of paper.