

Assignment 6

Objective: Implement an interface where user will be able to simulate force directed algorithms

Deadline: 5 PM, Nov 19, 2021

Description: In this assignment, you will use your previously created interface to simulate a force directed algorithm on a network. The user will provide the network information (the links of the network) in the input text box:

```
{
  "edges": [
    {
      "source": 0,
      "target": 1
    },
    {
      "source": 0,
      "target": 2
    },
    {
      "source": 1,
      "target": 3
    },
    {
      "source": 1,
      "target": 4
    },
    {
      "source": 2,
      "target": 5
    },
    {
      "source": 2,
      "target": 6
    }
  ]
}
```

Then there will be a “Draw” button, clicking that button will show the simulation of the force directed algorithm:

