

## Synopsis

### Project Title: - DATA STRUCTURE TUTOR (DST)

#### Introduction :-

This project is tutor web app for learning concepts of data structure algorithms in very simple steps via Animation called DST.

DST provides list of algorithms to students (users) to see Animation as well as textual step by step representation of algorithm. DST also shows code lines implemented in java programming language to get help in understanding implementation of algorithms.

DST also provides play, pause, review and speed, continuous and step by step view of algorithm.

#### Technology and Tools :-

1. Java 8
2. Eclipse
3. AWT-Swing
4. Flowchart and Diagrams drawing software's

#### Teams :-

- 1.
- 2.

#### Features :-

- **Traditional way of learnings** - In traditional way we purchase some books and read algorithm, codes, etc. We cannot visualise the logic of program step by step.
- **DST way of learning** - In DST learning style we provide animation of algorithms. We provide step by step view, play and pause options. That's why we can visualise and understand the logic and code in an animated style.