

Domain :Web application

Batch No:D4



## G. Narayanamma Institute of Technology & Science (For Women) (Autonomous)

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Shaikpet, Hyderabad-500104

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

<GN-R-18> (2022 - 2023) II B.Tech II Sem Hobby Project

#### ON "VISUALIZER"

#### Abstract

Visualizers help to improve students metacognitive ability . This helps students gain knowledge of the topic and also knowledge of the strategy implemented too. Visualizing the data can make data easier to understand and pull insights from. Visualiser provides an intuitive interface for exploring data in 2D and 3D space. The Visualizers help to analyze the process happening easily.

This web application provides students a platform where they can understand all concepts through visualization . This project focuses on displaying everything visually that makes students increase their understanding ability which helps them remember concepts for a long time.

This web platform provides visuals of all topics which are needed to imagine visually from 3D geometry in Mathematics , force directions in physics ,chemical reactions in chemistry to the Data Structures in computer Science . These are basically the topics for which students struggle in their schooling. Visualizing the concepts makes them easy to understand. This web application helps them to visualize and make it easy.

#### Software requirements

- 1.Platform-Windows10
- 2.HTML, CSS, JavaScript

#### Hardware requirements

- 1.Intel core i5
- 2.Memory 8GB

\*Dept R&D: Yes / No

\* If No : GNITS




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