***PROJECT SYNOPSIS***

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**Title of Project**

To create Sorting Visualizer using some of the common sorting techniques.

**Problem Statement**

Creating a website for Sorting Visualizer using HTML, CSS and JavaScript and applying the following 6 sorting techniques :-

* Selection Sort
* Bubble Sort
* Insertion Sort
* Merge Sort
* Heap Sort
* Shell Sort

**Software Requirements**

Visual Studio Code

**Gantt Chart**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Website | Bubble Sort | Selection Sort | Insertion Sort | Merge sort | Heap Sort | Shell sort |
| 10/9/22 | 17/9/22 | 27/9/22 | 7/10/22 | 17/10/22 | 27/10/22 | 6/11/22 |