Pathfinding Visualizer

This project is a React-based web application that visualizes the pathfinding process using Dijkstra's algorithm. You can create walls, set start and finish points, and watch the algorithm find the shortest path.

Features

- Visualize Dijkstra's algorithm.

- Create walls by clicking and dragging on the grid.

- Reset the grid to the initial state.

- Animation of the pathfinding process.

Usage

1. **Visualize Dijkstra's Algorithm:**

   - Click the "Visualize Dijkstra's Algorithm" button to see the algorithm in action.

2. **Reset the Grid:**

   - Click the "Reset" button to clear the grid and start over.

3. **Create Walls:**

   - Click and drag on the grid to create walls that the algorithm will navigate around.

The source code for the main components and logic can be found in the `src` directory.

Code - https://github.com/PSPritish/dijkstra.git