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SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. Which of the following is a valid implementation detail of Dijkstra's algorithm?

A. Using a depth-first search approach
B. Updating the distance of adjacent nodes only if they are visited
C. Using a priority queue to select the next node
D. Storing all nodes in a single array

Solution: Dijkstra's algorithm uses a priority queue to efficiently select the next node with the smallest tentative distance.

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