Problem Statement: Path finding using AI

Objective: You are given two csv files with specific source and destination coordinates in (x, y) format. Your task is to write python code that finds the shortest paths from each source to destination.

Rules for path finding:

- Two paths cannot intersect each other.
- Any path must maintain at least an 8-unit distance from other paths and points.
- All sources must have unique destination.

Requirements:

- A visual representation of sources and destinations with paths marked.

- Python code to re-produce the results in .py or .ipynb format.