Truck Delivery Service Function Specification

Requirements

* User Interface
* Users should be able to enter weight, size, and destination.
  + (1 to 1000 kg), (0.25 to 1 cubic meter), ([Number][Number][Letter] for example: 12U)
  + Input validation
  + Fail-safe error messages
* System to store truck capacity in terms of weight and size.
* System to determine a truck in terms of the most space and destination based on shortest distance.
  + System to compare trucks.
  + System to measure distance.
  + System to find the shortest path.
* System to check for diversions.
* Print out destination.

Objectives

* User interface & input function.
* Truck searching function.
* Distance measuring function.
* Truck space and destination comparison function.