**Emergency Vehicle Allocation**



**DAA Project**

**Team Members**

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1. **Assumptions**
   1. **Designing Graph:**
   2. **Dijkstra’s Algorithm:**
   3. **Handling Multiple Vehicles:**
2. **Algorithm**

**Input:** Emergency Vehicle type and count of vehicles available in the zip code.

**Output:** Allocated emergency vehicle by calculating the nearest available vehicles.

**Algorithm**: MainRequestHandler(Request Table, Emergency Vehicle)

1. **for** (*i* = 1, *i* ≤ *n*-1, *i*++)
2. **do** { *key* = *i*
3. **for** (*j* = *i*+1, *j* ≤ *n*, *j*++)
4. **if** A[*j*] < A[*key*]
5. **then** *key* ← *j*
6. A[*i*] ↔ A[*key*] }
7. End
8. **Time Complexity**
9. **References**