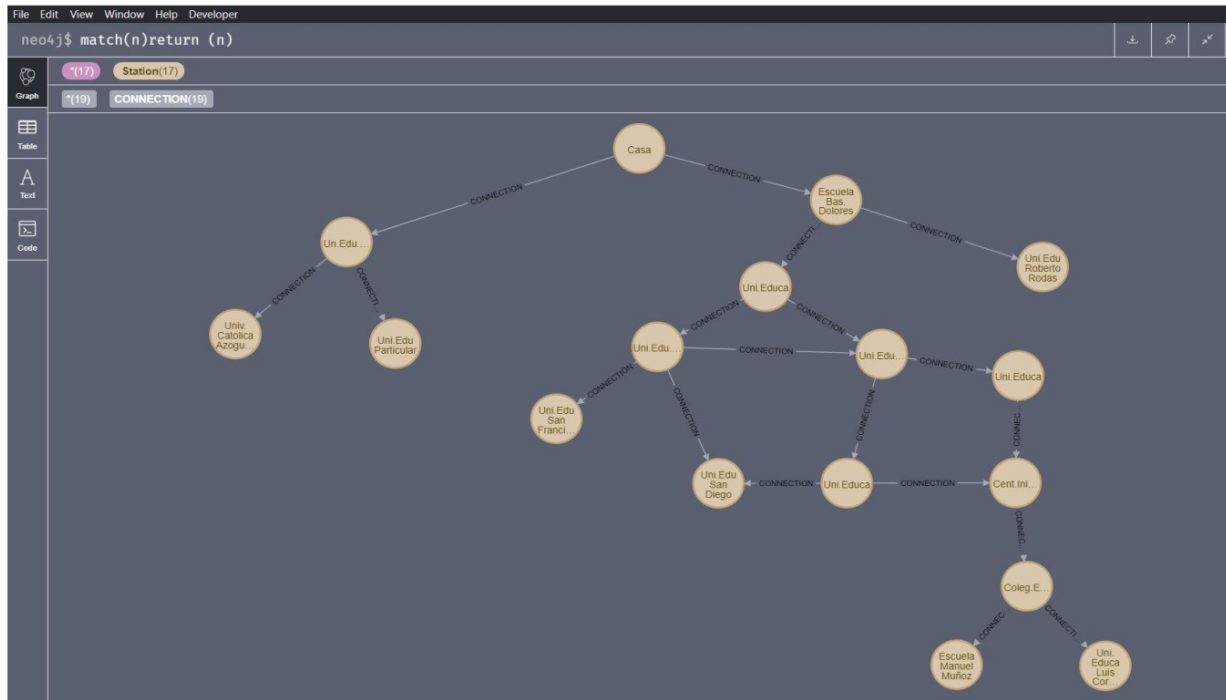


Nombre: Erika Morocho

Búsqueda A*

1. Grafo



2. Tabla

neo4j\$ MATCH (start:Station {name: "Casa"}), (end:Station {name: "Uni. Educa Luis Cordero"}) CALL gds.alpha.shor...	
station	cost
"Casa"	0.0
"Escuela Bas. Dolores Sucre"	2.1
"Uni.Educa Emilio Abad"	2.6
"Uni.Educativ La Salle"	2.8000000000000003
"Uni.Educa La Providencia"	3.3000000000000003
"Cent.Inicial Maria Mont"	3.33
"Coleg.Experimental JBV."	3.63
"Uni. Educa Luis Cordero"	4.2299999999999995

$$h(n) \rightarrow C - \text{UnE} = 1.5 + 2.3 = 3.8$$

6) Calculamos $h(n)$ desde S

$$h(n) \rightarrow S - P = 0.5 + 0.5 + 2.8 = 3.8$$

7) Ordenamiento = menor a mayor

$$h(n) \rightarrow S-P = 0.5 + 0.5 + 2.8 = 3.8$$

$$h(n) \rightarrow S-L6A = 0.5 + 0.6 + 2.8 = 3.9$$

8) Calculamos Partiendo de P

$$h(n) \rightarrow P - (n) = 0.038 + 0.9 + 3.3 = 3.73$$

9) Calculamos Partiendo de n

2) Ordenamos de menor a mayor

$$h(r) \rightarrow C-Ds = 1.5 + 2.3 = 3.6$$

3) Calculamos $h(n)$ Partiendo de DS

$$h(n) \rightarrow DS-BA = 0.5 + 0.7 + 2.1 = 3.3$$
$$h(n) \rightarrow E_H - LP = 0.2 + 0.8 + 2.6 = 3.6$$

La Calabaza desde J

$$h(n) = J - LC = 0.6 + 0 + 3.63 = 4.23$$

NODO META = Luis Cordero (LC)

RECORRIDO = {Casa (c), Dolores Sue (DS), Emilio Abad (EA), La Salle (s),
Providencia (P), Montecori (m), JBV (J)}