

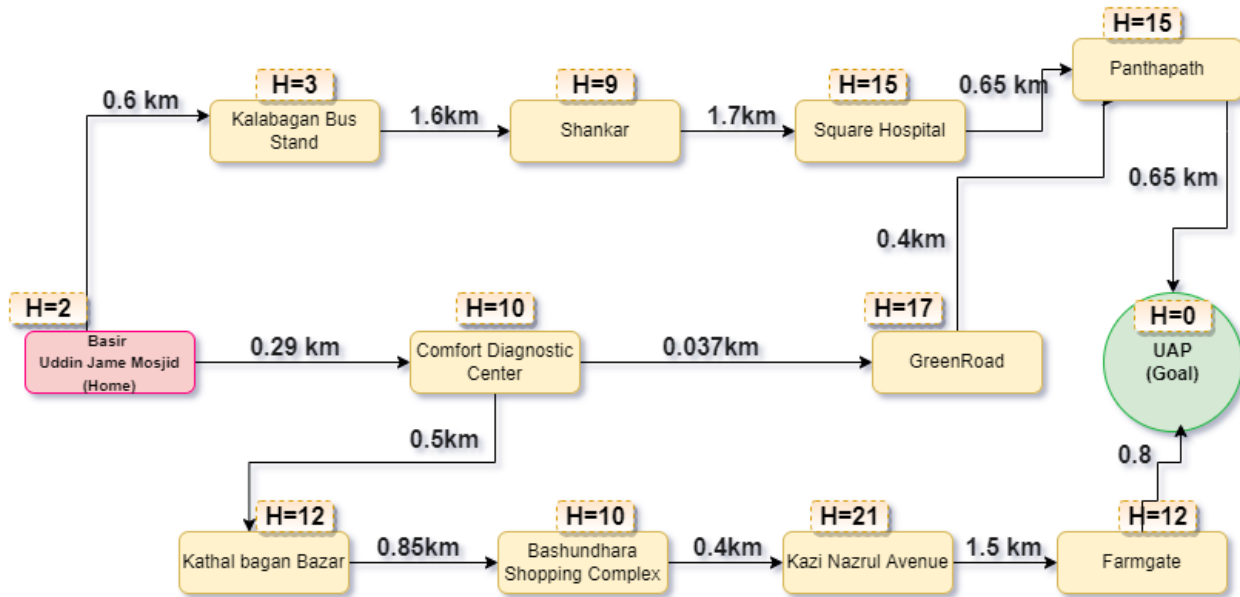
Design For Map

Id: 18201050

Bashiruddin Road To Uap

Start Node : BashirUddin Road Masjid.

Goal Node: UAP



Heuristic Values:

Here I am using My Id 50 to mod(%) with the rickshaw fare. All the rickshaw fare is Starting from BashirUddin Road To That Node. After that i added extra cost which is increasing gradually.

$$h(\text{BashirUddin Road}) = (50 \% 25) + 2 = 2$$

$$h(\text{Kalabagan}) = (50 \% 10) + 3 = 3$$

$$h(\text{Shankar}) = (50 \% 15) + 4 = 9$$

$$h(\text{Square Hospital}) = (50 \% 20) + 5 = 15$$

$$h(\text{Panthapath}) = h(\text{Shankar}) + 6 = 15$$

$$h(\text{Comfort}) = h(\text{Kalabagan}) + 7 = 10$$

$$h(\text{Green Road}) = h(\text{Shankar}) + 8 = 17$$

$$h(\text{Kathalbagan}) = h(\text{Kalabagan}) + 9 = 12$$

$h(\text{Bashundhara}) = (50\%25) + 10 = 10$

$h(\text{Kazi Nazrul Avenue}) = (50\%40) + 11 = 21$

$h(\text{Farmgate}) = (\text{Bashundhara}) + 12 = 12$

Path Cost = $0.29 + 0.037 + 0.4 + 0.65 = 1.38\text{km}$

Path found: ['BashirUddin Road (Home)'--> 'Comfort Hospital'--> 'Green Road'--> 'Panthapath Signal'--> 'UAP']