














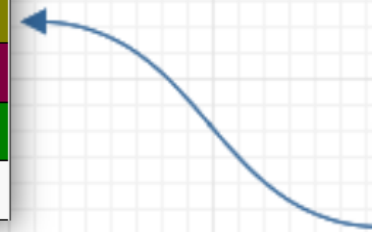


Database Schema (MySQL):

locations			
	pointnmbr	int	
	pointuniqnbr	char	
	pointname	text	
	pointaddress	text	
 Add field			

resources			
	vehiclenmbr	char	
	pointuniqnbr	char	
	vehiclename	text	
	vehiclespeed	int	
	vehiclerange	int	
	vehiclecapacitywght	int	
	vehiclecapacityvolum	int	
 Add field			

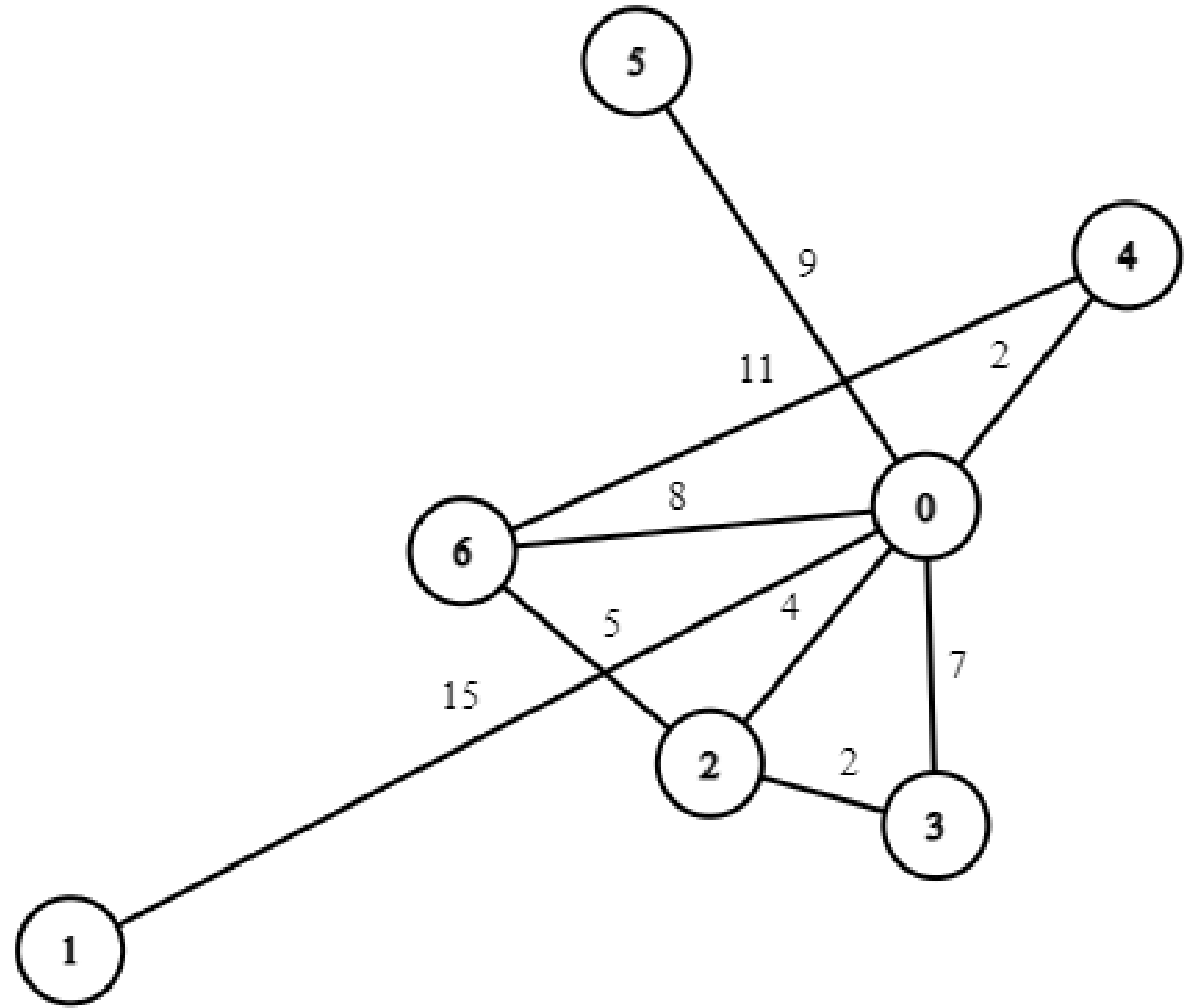


Sample Database Screenshots:

pointnmbr	pointuniqnbr	pointname	pointaddress
0	VDR4511	City Distribution Centre	Alkapuri, Vadodara
1	VDR4512	Krishna Transportation Pvt Ltd	Waghodia Road, Vadodara
2	VDR4513	Jai Ambe Logistics	Dandiya Bazar, Vadodara
3	VDR4514	Maha Kali Transports	Chani Jakatnaka, Vadodara
4	VDR4515	Hemant Logistics Services	Karelibaag, Vadodara
5	VDR4516	Hari Om Logistics	Makarpura, Vadodara
6	VDR4517	Stirling Hospital	Akota, Vadodara

vehidenmbr	pointuniqnbr	vehidenname	vehidespeed	vehiderange	vehidepayload
GJ06CQ6914	VDR4515	Mahindra Supro	80	775	750
GJ06GI5268	VDR4512	Tata Intra V10	80	510	1000
GJ06HT7243	VDR4513	Mahindra Jeeto	70	305	600
GJ06JA3176	VDR4516	Tata Ace Gold	60	630	750
GJ06RD2957	VDR4514	Maruti Suzuki Super Carry	80	1540	625

Location &
Distance
Graph
(Sample):



Application Screenshots:

Optimization and Analysis of Distributions Systems Project

--: Optimization and Analysis of Distributions Systems Project :--

City: Time (min):

Point: Weight (kg):

Best Contractor :-

Name:

Address:

Vehicle:

Point	Number	Name	Address
0	VDR4511	City Distribution Centre	Alkapuri, Vadodara
1	VDR4512	Krishna Transportation Pvt Ltd	Waghodia Road, Vadodara
2	VDR4513	Jai Ambe Logistics	Dandiya Bazar, Vadodara
3	VDR4514	Maha Kali Transports	Chani Jakatnaka, Vadodara
4	VDR4515	Hemant Logistics Services	Karelibaag, Vadodara
5	VDR4516	Hari Om Logistics	Makarpura, Vadodara
6	VDR4517	Stirling Hospital	Akota, Vadodara

Optimization and Analysis of Distributions Systems Project

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City: Time (min):

Point: Weight (kg):

Best Contractor :-

Name:

Address:

Vehicle:

Point	Number	Name	Address
0	VDR4511	City Distribution Centre	Alkapuri, Vadodara
1	VDR4512	Krishna Transportation Pvt Ltd	Waghodia Road, Vadodara
2	VDR4513	Jai Ambe Logistics	Dandiya Bazar, Vadodara
3	VDR4514	Maha Kali Transports	Chani Jakatnaka, Vadodara
4	VDR4515	Hemant Logistics Services	Karelibaag, Vadodara
5	VDR4516	Hari Om Logistics	Makarpura, Vadodara
6	VDR4517	Stirling Hospital	Akota, Vadodara

Application Details:

- Platform : .NET Core 3.1
- Programming Language: C#
- Development IDE: Visual Studio
- Database: MySQL
- Core Algorithm: Dijkstra's algorithm

Optimization and Analysis of Distributions Systems Project

--: Optimization and Analysis of Distributions Systems Project :--

City: VADODARA_VDR Time (min): 45

Point: 6_VDR4517 Weight (kg): 700

Find The Best Contractor

Best Contractor :-

Name: Hemant Logistics Services

Address: Karelibaag, Vadodara

Vehicle: Mahindra Supro GJ06CQ6914

Point	Number	Name	Address
0	VDR4511	City Distribution Centre	Alkapuri, Vadodara
1	VDR4512	Krishna Transportation Pvt Ltd	Waghodia Road, Vadodara
2	VDR4513	Jai Ambe Logistics	Dandiya Bazar, Vadodara
3	VDR4514	Maha Kali Transports	Chani Jakatnaka, Vadodara
4	VDR4515	Hemant Logistics Services	Karelibaag, Vadodara
5	VDR4516	Hari Om Logistics	Makarpura, Vadodara
6	VDR4517	Stirling Hospital	Akota, Vadodara