

Tital: Medicine data management

Detail:

My project name is Medicine data management system. This system is useful for Customer as well as retailers. In this project we used circular doubly linked list Data structure.

In this project Retailers can add their medicine data like medicine name, Medical shop name, their city name, their quantity available in their stores etc.

A retailers also delete input and then update it. After inputs data Retailers also check their information using display data. This input data now useful for Customers. With the help of this system Customer can show all medicine data. Customers also search specific medicine if he needs specific medicine. If any customer knows any shop name and if they would know which type of medicine is available in this shop then it can get information using search option. Customers also get information about nearest shop and which medicines are available there.

To implement this above process we can make different types of functions using linked list.

Output:

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WELCOME TO MEDICIANE FINDER  
-----  
-----
```

Are you Retailer or Customers ?

1. Retailer
2. Customers

3. Exit

Enter your choice :

1

Select one option from following:

1. Insert medicine detail.

2. Delete medicine detail.

3. Show medicine detail.

4. Back

Enter your choice :

1

Enter the mediciane Name : paracetamol

Enter the shop Name : Sai medical store

Enter the number of mediciane: 20

1. Ahmedabad

2. Amreli

3. Anand
4. Aravalli
5. Banaskantha
6. Bharuch
7. Bhavnagar
8. Botad
9. ChhotaUdepur
10. Dahod
11. Dangs
12. Devbhoomi Dwarka
13. Gandhinagar
14. Gir Somnath
15. Jamnagar
16. Junagadh
17. Kachchh
18. Kheda
19. Mahisagar
20. Mehsana
21. Morbi
22. Narmada
23. Navsari
24. Panchmahal
25. Patan
26. Porbandar
27. Rajkot
28. Sabarkantha

29. Surat

30. Surendranagar

31. Tapi

32. Vadodara

33. Valsad

Enter the nearest place Name :

Valsad

Input take successfully!

Select one option from following:

1. Insert medicine detail.

2. Delete medicine detail.

3. Show medicine detail.

4. Back

Enter your choice :

1

Enter the mediciane Name :Malarone

Enter the shop Name : Om medical shop

Enter the number of mediciane: 45

1. Ahmedabad
2. Amreli
3. Anand
4. Aravalli
5. Banaskantha
6. Bharuch
7. Bhavnagar
8. Botad
9. ChhotaUdepur
10. Dahod
11. Dangs
12. Devbhoomi Dwarka
13. Gandhinagar
14. Gir Somnath
15. Jamnagar
16. Junagadh
17. Kachchh
18. Kheda
19. Mahisagar
20. Mehsana
21. Morbi
22. Narmada

23. Navsari

24. Panchmahal

25. Patan

26. Porbandar

27. Rajkot

28. Sabarkantha

29. Surat

30. Surendranagar

31. Tapi

32. Vadodara

33. Valsad

Enter the nearest place Name :

Tapi

Input take successfully!

Select one option from following:

1. Insert medicine detail.

2. Delete medicine detail.

3. Show medicine detail.

4. Back

Enter your choice :

1

Enter the mediciane Name :naprosyn

Enter the shop Name : Maa medical store

Enter the number of mediciane: 66

1. Ahmedabad
2. Amreli
3. Anand
4. Aravalli
5. Banaskantha
6. Bharuch
7. Bhavnagar
8. Botad
9. ChhotaUdepur
10. Dahod
11. Dangs
12. Devbhoomi Dwarka
13. Gandhinagar
14. Gir Somnath
15. Jamnagar
16. Junagadh

17. Kachchh

18. Kheda

19. Mahisagar

20. Mehsana

21. Morbi

22. Narmada

23. Navsari

24. Panchmahal

25. Patan

26. Porbandar

27. Rajkot

28. Sabarkantha

29. Surat

30. Surendranagar

31. Tapi

32. Vadodara

33. Valsad

Enter the nearest place Name :

Surat

Input take successfully!

Select one option from following:

1. Insert medicine detail.

2. Delete medicine detail.

3. Show medicine detail.

4. Back

Enter your choice :

1

Enter the mediciane Name :Brufen

Enter the shop Name :Navjeevan medical store

Enter the number of mediciane: 85

1. Ahmedabad

2. Amreli

3. Anand

4. Aravalli

5. Banaskantha

6. Bharuch

7. Bhavnagar

8. Botad

9. ChhotaUdepur

10. Dahod

11. Dangs
12. Devbhoomi Dwarka
13. Gandhinagar
14. Gir Somnath
15. Jamnagar
16. Junagadh
17. Kachchh
18. Kheda
19. Mahisagar
20. Mehsana
21. Morbi
22. Narmada
23. Navsari
24. Panchmahal
25. Patan
26. Porbandar
27. Rajkot
28. Sabarkantha
29. Surat
30. Surendranagar
31. Tapi
32. Vadodara
33. Valsad

Enter the nearest place Name :

Surat

Input take successfully!

Select one option from following:

1. Insert medicine detail.
2. Delete medicine detail.
3. Show medicine detail.
4. Back

Enter your choice :

1

Enter the mediciane Name :Citrizina

Enter the shop Name :Gaayatri medical store

Enter the number of mediciane: 45

1. Ahmedabad
2. Amreli
3. Anand
4. Aravalli

5. Banaskantha
6. Bharuch
7. Bhavnagar
8. Botad
9. ChhotaUdepur
10. Dahod
11. Dangs
12. Devbhoomi Dwarka
13. Gandhinagar
14. Gir Somnath
15. Jamnagar
16. Junagadh
17. Kachchh
18. Kheda
19. Mahisagar
20. Mehsana
21. Morbi
22. Narmada
23. Navsari
24. Panchmahal
25. Patan
26. Porbandar
27. Rajkot
28. Sabarkantha
29. Surat
30. Surendranagar

31. Tapi

32. Vadodara

33. Valsad

Enter the nearest place Name :

Valsad

Input take successfully!

Select one option from following:

1. Insert medicine detail.

2. Delete medicine detail.

3. Show medicine detail.

4. Back

Enter your choice :

3

Enter the Shop name :

Gaayatri medical store

The Mediciane name :Citrizina

The Number of mediciane : 45

Select one option from following:

1. Insert medicine detail.
2. Delete medicine detail.
3. Show medicine detail.
4. Back

Enter your choice :

4

Are you Retailer or Customers ?

1. Retailer
2. Customers
3. Exit

Enter your choice :

2

Select one option from following:

1. Display All medicine detail.
2. Search medicine detail.

3. Search By shop Name.

4. Find Nearest store for you.

5. Back

Enter your choice :

1

Displaying MedicianeData :

The Mediciane name : paracetamol

The Shop name : Sai medical store

The Number of mediciane : 20

The Place name : Valsad

The Mediciane name :Malarone

The Shop name : Om medical shop

The Number of mediciane : 45

The Place name :Tapi

The Medicane name :naprosyn

The Shop name : Maa medical store

The Number of medicane : 66

The Place name : Surat

The Medicane name :Brufen

The Shop name :Navjeevan medical store

The Number of medicane : 85

The Place name : Surat

The Medicane name :Citrizina

The Shop name :Gaayatri medical store

The Number of medicane : 45

The Place name : Valsad

Select one option from following:

1. Display All medicine detail.
2. Search medicine detail.
3. Search By shop Name.
4. Find Nearest store for you.
5. Back

Enter your choice :

2

Enter MedicianeName :

Citrizina

The Mediciane name :Citrizina

The Shop name :Gaayatri medical store

The Number of mediciane: 45

The Place name : Valsad

Select one option from following:

1. Display All medicine detail.
2. Search medicine detail.
3. Search By shop Name.
4. Find Nearest store for you.
5. Back

Enter your choice :

3

Enter the Shop name :

Navjeevan medical store

The Mediciane name :Brufen

The Number of mediciane : 85

Select one option from following:

1. Display All medicine detail.
2. Search medicine detail.
3. Search By shop Name.
4. Find Nearest store for you.
5. Back

Enter your choice :

4

1. Ahmedabad
2. Amreli

3. Anand
4. Aravalli
5. Banaskantha
6. Bharuch
7. Bhavnagar
8. Botad
9. ChhotaUdepur
10. Dahod
11. Dangs
12. Devbhoomi Dwarka
13. Gandhinagar
14. Gir Somnath
15. Jamnagar
16. Junagadh
17. Kachchh
18. Kheda
19. Mahisagar
20. Mehsana
21. Morbi
22. Narmada
23. Navsari
24. Panchmahal
25. Patan
26. Porbandar
27. Rajkot
28. Sabarkantha

29. Surat

30. Surendranagar

31. Tapi

32. Vadodara

33. Valsad

Enter the City name :

Valsad

The Mediciane name : paracetamol

The Shop name : Sai medical store

The Number of mediciane: 20

The Place name : Valsad

The Mediciane name :Citrizina

The Shop name :Gaayatri medical store

The Number of mediciane: 45

The Place name : Valsad

Select one option from following:

1. Display All medicine detail.
2. Search medicine detail.
3. Search By shop Name.
4. Find Nearest store for you.
5. Back

Enter your choice :

5

Are you Retailer or Customers ?

1. Retailer
2. Customers
3. Exit

Enter your choice :

1

Select one option from following:

1. Insert medicine detail.
2. Delete medicine detail.

3. Show medicine detail.

4. Back

Enter your choice :

2

Enter the name of medicine to delete :

Citrizina

Medicine is successfully deleted!

Select one option from following:

1. Insert medicine detail.

2. Delete medicine detail.

3. Show medicine detail.

4. Back

Enter your choice :

4

Are you Retailer or Customers ?

1. Retailer

2. Customers

3. Exit

Enter your choice :

2

Select one option from following:

1. Display All medicine detail.

2. Search medicine detail.

3. Search By shop Name.

4. Find Nearest store for you.

5. Back

Enter your choice :

1

Displaying MedicianeData :

The Mediciane name : paracetamol

The Shop name : Sai medical store

The Number of mediciane : 20

The Place name : Valsad

The Mediciane name :Malarone

The Shop name : Om medical shop

The Number of mediciane : 45

The Place name :Tapi

The Mediciane name :naprosyn

The Shop name : Maa medical store

The Number of mediciane : 66

The Place name : Surat

The Mediciane name :Brufen

The Shop name :Navjeevan medical store

The Number of mediciane : 85

The Place name : Surat

Select one option from following:

1. Display All medicine detail.
2. Search medicine detail.
3. Search By shop Name.
4. Find Nearest store for you.
5. Back

Enter your choice :

5

Are you Retailer or Customers ?

1. Retailer
2. Customers
3. Exit

Enter your choice :

3

Process returned 0 (0x0) execution time : 733.293 s

Press any key to continue.