

CCPROG2 MP TEST CASE

By

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Function Name	#	Description	Sample Input	P/F
Main Menu	1	Display Menu	Refer below	P
Admin Menu	2	Display Menu	Refer below	P
User Menu	3	Display Menu	Refer below	P
Add Establishment	4	Admin can add the establishment's details in this function.	Refer below	P
Edit Establishment	5	All establishments are displayed. Admin can then choose which establishment to edit by choosing an index. Then, the admin is prompted which part he/she wants to edit, and after confirmation, the edit is completed.	Refer below	P
Delete Establishment	6	All establishments are displayed. Admin can choose the index of the establishment he/she wants to delete. After choosing, the establishment is deleted and all the indexes of the establishments below the deleted one are automatically adjusted.	Refer below	P
User Single Search Filters	7	Users may choose which single filter he/she wants to use to search through the establishments. All establishments matching the said filter are then displayed.	Refer below	P
User Multiple Search Filters	8	Users may choose multiple filters that he/she can use	Refer below	P

		to search through the establishments. All establishments matching all the said filters are then displayed.		
Load File	9	Loads the data from the file into the fixed table	Refer below	P
Save File (Same File)	10	Saves new data into the same file	Refer below	P
Save File (Save as Different File)	11	Saves file into a newly created file	Refer below	P

Actual Output with Screenshots

Function Name	
Main Menu	<pre> ===== MAIN MENU ===== 1. Admin Mode 2. User Mode 3. Load from File 4. Save to File 5. Exit ===== --INPUT NUMBER ONLY-- Enter choice: </pre>
Admin Menu	<pre> ===== ADMIN MODE ===== 1. Add Establishment 2. Edit Establishment 3. Delete Establishment 4. Back to Main Menu ===== --INPUT NUMBER ONLY-- Enter choice: </pre>

User Menu	<pre>===== USER MODE ===== 1. Single Filter 2. Multiple Filter 3. Back to Main Menu ===== --INPUT NUMBER ONLY-- Enter choice: </pre>																
Add Establishment	<pre>=== Add New Establishment === Name: Mang Inasal Location: Makati Contact Number: 345678 Serving Mode: takeout Payment Option: cash Category: pinoy Min Price: 99 Max Price: 200 How many popular items? (max 5): Invalid number of items. Establishment added successfully! Do you want to perform another action in Admin Mode? (1 = Yes / 0 = No): 0</pre>																
Edit Establishment	<pre>===== ADMIN MODE ===== 1. Add Establishment 2. Edit Establishment 3. Delete Establishment 4. Back to Main Menu ===== --INPUT NUMBER ONLY-- Enter choice: 2</pre> <div><pre>===== ALL ESTABLISHMENTS =====</pre><table><tr><th>No.</th><th>Name</th><th>Location</th><th>Contact Number</th><th>Category</th><th>Payment Option</th><th>Serving Mode</th><th>Price</th></tr><tr><td>1</td><td>Mang Inasal</td><td>Makati</td><td>345678</td><td>pinoy</td><td>cash</td><td>takeout</td><td>99 - 200</td></tr></table><pre>Enter the number of the establishment to edit (1 to 1): 1</pre></div>	No.	Name	Location	Contact Number	Category	Payment Option	Serving Mode	Price	1	Mang Inasal	Makati	345678	pinoy	cash	takeout	99 - 200
No.	Name	Location	Contact Number	Category	Payment Option	Serving Mode	Price										
1	Mang Inasal	Makati	345678	pinoy	cash	takeout	99 - 200										

Enter the number of the establishment to edit (1 to 1): 1

Editing Establishment: Mang Inasal

Choose the field to edit:

1. Name

2. Location

3. Contact Number

4. Serving Mode

5. Payment Option

6. Category

7. Price Range

8. Popular Items

9. Cancel

Enter choice: 3

New Contact Number: 12345

===== ALL ESTABLISHMENTS =====

No.	Name	Location	Contact Number	Category	Payment Option	Serving Mode	Price
1	Mang Inasal	Makati	12345	pinoy	cash	takeout	99 - 200
Popular Items: None							

Delete Establishment

===== ADMIN MODE =====

1. Add Establishment

2. Edit Establishment

3. Delete Establishment

4. Back to Main Menu

=====

--INPUT NUMBER ONLY--

Enter choice: 3

===== ALL ESTABLISHMENTS =====

No.	Name	Location	Contact Number	Category	Payment Option	Serving Mode	Price
1	Mang Inasal	Makati	12345	pinoy	cash	takeout	99 - 200
Popular Items: None							
2	Kenny Rogers	Cubao	5678	american	debit card	dine-in	150 - 600
Popular Items: roasted chicken, mashed potato, muffins							

Enter the number of the establishment to delete (1 to 2): 1

Are you sure you want to delete 'Mang Inasal'? (1 = Yes / 0 = No): 1

Establishment deleted successfully.

Do you want to perform another action in Admin Mode? (1 = Yes / 0 = No): 0

===== ALL ESTABLISHMENTS =====

No.	Name	Location	Contact Number	Category	Payment Option	Serving Mode	Price
1	Kenny Rogers	Cubao	5678	american	debit card	dine-in	150 - 600
Popular Items: roasted chicken, mashed potato, muffins							

User Single
Search Filter

```
===== USER MODE =====
1. Single Filter
2. Multiple Filter
3. Back to Main Menu
=====

--INPUT NUMBER ONLY--
Enter choice: 1
```

===== FILTER HINTS =====

Location	Category	Payment Option	Serving Mode
Cubao	american	cash	dine-in
Makati	filipino	debit card	takeout
BGC	japanese	credit card	grabfood
Alabang	italian	gcash	
Manila	korean		

Available Price Range:
Minimum: 100
Maximum: 420

=====

```
=====

===== SINGLE FILTER OPTIONS =====
1. Location
2. Category
3. Payment Option
4. Serving Mode
5. Price Range
=====

Enter your choice: 3
Payment Option: cash
```

===== FILTER RESULTS =====

No.	Name	Location	Contact Number	Category	Payment Option	Serving Mode	Price
1	McDonald's Popular Items:	Cubao	9888888888	american	cash	dine-in	100 - 400
2	Shakey's Popular Items:	Manila	9888888884	korean	cash	takeout	120 - 420

Do you want to perform another action in User Mode? (1 = Yes / 0 = No): |

User Multiple
Search Filter

```
===== MAIN MENU =====
1. Admin Mode
2. User Mode
3. Load from File
4. Save to File
5. Exit
=====

--INPUT NUMBER ONLY--
Enter choice: 2

===== USER MODE =====
1. Single Filter
2. Multiple Filter
3. Back to Main Menu
=====

--INPUT NUMBER ONLY--
Enter choice: 2
```






















===== FILTER HINTS =====			
Location	Category	Payment Option	Serving Mode
Cubao	american	cash	dine-in
Makati	filipino	debit card	takeout
BGC	japanese	credit card	grabfood
Alabang	italian	gcash	
Manila	korean		
Cavite	chinese		
Laguna			
Quezon City			
San Juan			
Pasig			
Batangas			
La Union			
Baguio			
Tagaytay			
Binan			

Available Price Range:
Minimum: 100
Maximum: 545

```
=====

(Leave blank to skip a filter)
Location:
Category: japanese
Payment Option: cash
Serving Mode:
Min Price:
Max Price:
```

	<pre>===== FILTER RESULTS ===== No. Name Location Contact Number Category Payment Option Serving Mode Price ----- ----- ----- ----- ----- ----- ----- ----- 1 Greenwich San Juan 9000000008 japanese cash grabfood 140 - 440 Popular Items: 2 Tim Hortons Cavite 9000000029 japanese cash grabfood 200 - 500 Popular Items: ===== Do you want to perform another action in User Mode? (1 = Yes / 0 = No): </pre>
Load File	<pre>===== MAIN MENU ===== 1. Admin Mode 2. User Mode 3. Load from File 4. Save to File 5. Exit ===== --INPUT NUMBER ONLY-- Enter choice: 3 Enter filename to load: resturants.txt Loaded from 'resturants.txt' ===== MAIN MENU ===== 1. Admin Mode 2. User Mode 3. Load from File 4. Save to File 5. Exit ===== --INPUT NUMBER ONLY-- Enter choice: </pre> <pre>===== ALL ESTABLISHMENTS ===== No. Name Location Contact Number Category Payment Option Serving Mode Price ----- ----- ----- ----- ----- ----- ----- ----- 1 Mcdo binan 12341 american debit card takeout 50 - 90 Popular Items: 2 Jollibee cavite 54322 filipino gcash dine-in 100 - 500 Popular Items: 3 Mang Inasal batangas 12343 pinoy cash takeout 99 - 200 Popular Items: 4 Burger King La union 123444 american gcash grabfood 150 - 300 Popular Items: 5 Popeyes Alabang 99995 american cash dine-in 100 - 500 Popular Items: Chicken sandwich, Rice meal, Ice cream, Cake, Bucket of Chicken =====</pre>

Save File (same file)	<pre>===== MAIN MENU ===== 1. Admin Mode 2. User Mode 3. Load from File 4. Save to File 5. Exit ===== --INPUT NUMBER ONLY-- Enter choice: 4 Current file is: restos.txt Do you want to save in the same file? (1 = Yes / 0 = No): 1 Directory saved successfully to 'restos.txt'.</pre>																												
Save File (save as different file)	<pre>===== MAIN MENU ===== 1. Admin Mode 2. User Mode 3. Load from File 4. Save to File 5. Exit ===== --INPUT NUMBER ONLY-- Enter choice: 4 Current file is: resturants.txt Do you want to save in the same file? (1 = Yes / 0 = No): 0 Enter new filename to save to: restos.txt Directory saved successfully to 'restos.txt'.</pre> <table><tr><td> functions</td><td>30/07/2025 11:28 pm</td><td>C Source File</td><td>19 KB</td></tr><tr><td> header</td><td>30/07/2025 11:24 pm</td><td>C Header Source F...</td><td>4 KB</td></tr><tr><td> helper</td><td>30/07/2025 11:28 pm</td><td>C Source File</td><td>10 KB</td></tr><tr><td> main</td><td>30/07/2025 11:28 pm</td><td>C Source File</td><td>2 KB</td></tr><tr><td> main</td><td>30/07/2025 11:56 pm</td><td>Application</td><td>105 KB</td></tr><tr><td> restos</td><td>31/07/2025 12:02 am</td><td>Text Document</td><td>1 KB</td></tr><tr><td> resturants</td><td>30/07/2025 11:23 pm</td><td>Text Document</td><td>1 KB</td></tr></table>	 functions	30/07/2025 11:28 pm	C Source File	19 KB	 header	30/07/2025 11:24 pm	C Header Source F...	4 KB	 helper	30/07/2025 11:28 pm	C Source File	10 KB	 main	30/07/2025 11:28 pm	C Source File	2 KB	 main	30/07/2025 11:56 pm	Application	105 KB	 restos	31/07/2025 12:02 am	Text Document	1 KB	 resturants	30/07/2025 11:23 pm	Text Document	1 KB
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