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Military Weapon Management



Project Requirement

- Build A Project Of Your Own Choice.
- Use At Least One Data Structure Of Your Own Choice.

What was not Requirements?

- Any Specific Functionality
- Length of Code

Motivation

We have researched that various developed countries use software based weapon record management system for their Armies. These systems are usually highly secured and have almost no chance of failure.

But Pakistan Army still use paper based record system for their weapon inventory. So, we are committed to make highly secure weapon management system for Pak Army.



Data Structures

- Linked List
- File Structure



Major Functions

01

Insertion

02

Updation

03

Deletion

04

Search

05

Display Records

06

Export to CSV File

Demo

Insertion

Enter the name of Weapon: AK-47

Type Category: Assault

Type the name of Manufacturer: Russia

Enter the No. of Rounds: 30

Enter the Calibre in (mm): 7.62

Enter the Muzzle Velocity in (m/s): 700

Demo

Display Records

Display					
NAME	CATEGORY	MANUFACTURER	ROUND	CALIBRE	MUZZEL VELOCITY
1. AK-47	Assault	Russia	30	7.62 (mm)	700.00 (m/s)
2. P299 9MM	Handgun	Germany	18	9.00 (mm)	240.50 (m/s)
3. BERETTA M9	Handgun	Italy	19	9.00 (mm)	381.00 (m/s)
END					

Demo

Search Record

Enter the name of weapon to be searched: Beretta m9

---- Record found successfully! ----

Weapon: BERETTA M9

Category: Handgun

Manufacturer: Italy

Rounds: 19

Calibre: 9.00 (mm)

Muzzle Velocity: 381.00 (m/s)

Demo

Updation

Enter the name of weapon to be updated: p299 9mm

Press 1 to Update Category

Press 2 to Update Manufacturer

Press 3 to Update Rounds

Press 4 to Update Calibre

Press 5 to Update Muzzle Velocity

Press 6 to goto Main Menu

3

Enter the No. of Rounds: 22

Demo

Deletion

Press 1 to Delete from Start
Press 2 to Delete from Desired Position
Press 3 to Delete from End2

Display

NAME	CATEGORY	MANUFACTURER	ROUND	CALIBRE	MUZZEL VELOCITY
1. AK-47	Assault	Russia	30	7.62 (mm)	700.00 (m/s)
2. P299 9MM	Handgun	Germany	22	9.00 (mm)	240.50 (m/s)
3. BERETTA M9	Handgun	Italy	19	9.00 (mm)	381.00 (m/s)

END

Enter the position which you want to delete: 2

A hand holding a crystal ball with a question mark inside.

Questions?

• BRUCE M LANGAUNEY • DANIEL LEWIS • MELVIN LOYD • CURTIS MARION • ROBERT MITCHELL •
• JOHN F MURPHY • LARRY MURRAY • REINALDO CARRASQUILLO SOLTERO • DAVID P QUINN • JEFF E REVIS