

# User Manual for Expense Tracking Program

Welcome to the **Expense Tracking Program**! This guide provides step-by-step instructions to help you effectively manage your expenses. Follow the steps below to get started.

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## Getting Started

1. **Compile the Program:**

Use your C++ compiler (e.g., GCC) to compile the program:

2. **Run the Program:**

After compiling, run the program by pressing F11

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## Main Menu Options

When the program starts, you'll see the main menu. You can choose from the following options:

1. **Register:** Create a new account.
  2. **Login:** Access your account.
  3. **Helpline:** Get assistance if needed.
  4. **Exit:** Close the program.
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## Registering a New Account

1. Select **1: Register** from the main menu.
2. Enter your **name** (username).
3. Enter a **password**.
4. If the username already exists, you'll be asked to try a different one.
5. Once registered, your account is ready for use.

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## Logging Into Your Account

1. Select **2: Login** from the main menu.
  2. Enter your **name** and **password**.
  3. If the credentials are correct, you will access the user menu.
  4. If incorrect, the program will notify you and allow another attempt.
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## User Menu Options

After logging in, you can manage your expenses using the following features:

1. **Add Expense**
  - Enter a description (e.g., "Groceries").
  - Enter the amount spent (e.g., 1500.00).
  - The expense is saved in your account file.
2. **View Expenses**
  - View a detailed list of all recorded expenses in a tabular format:

DESCRIPTION	AMOUNT (PKR)
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Groceries	2500.00
Transport	1500.00

3. **Delete Expense**
  - Enter the description of the expense you want to delete.
  - The program searches for the expense and removes it if found.
  - If the description does not exist, you will be notified.
4. **Total Expenses**
  - Calculates and displays the total amount spent so far:
  - TOTAL EXPENSES: PKR 4000.00

## 5. Logout

- Exit the user menu and return to the main menu.
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## Helpline

If you encounter any issues, select **3: Helpline** from the main menu.

You will be provided with the contact information of the program creators:

- **Mr. Daniyal Ali:** +92 333 0276929
  - **Ms. Ayesha Zafar:** +92 344 3822791
  - **Mr. Syed Abdul Muiz:** +92 341 2287624
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## Exiting the Program

To close the program, select **4: Exit** from the main menu. The program will terminate after confirming your choice.

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## Tips for Effective Use

- Use unique usernames to avoid conflicts during registration.
  - Keep your password secure and avoid sharing it with others.
  - Regularly review your total expenses to stay within your budget.
  - Double-check descriptions when adding or deleting expenses to ensure accuracy.
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This manual provides all the necessary steps to operate the Expense Tracking Program. For additional support, use the Helpline option.

