NAME: SAYDALIYEV SHAHBOZ

ID: 23013118

PROJECT PROPOSAL

Title: Expense Tracker for Students

Goal: This is a java GUI project, which aims to be user-friendly and to keep track of users expenses. It has an "ExpenseTracker" class that manages the list of expenses and provide options such as adding and viewing expenses. Also, you can add description and the date to the expenses.

Description: The application provides key features like: entering the expenses, categorizing them, view expenses and clear the input.

Code: Libraries: "java.swing" to provide access to swing components, "java.awt" fot conjunction with Swing for the design(GridLayot,Flowlayot) **,** "java.awt.event*" to handle GUI events, "java.util.ArrayList" to create a data structure for storing the expenses.

The key components of the code are ActionListener implementations, Array Lists, ExpenseTracker class and JTextField,JLable,JButton,JTextArea.

Conclusion: In addition to offering a helpful solution for monitoring expenses, the Expense Tracker Application project gives invaluable expertise in Java GUI programming. This project may be used as an introduction to Java data management and GUI development and is especially well-suited for educational purposes.