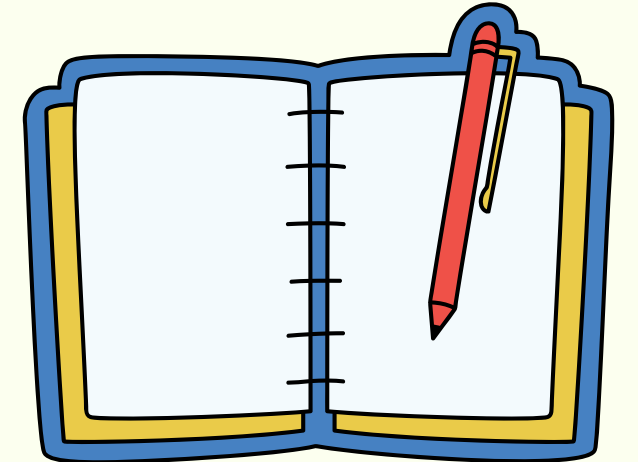




EXPENSE TRACKER



To help users easily record and manage daily
expenses



Presented by:

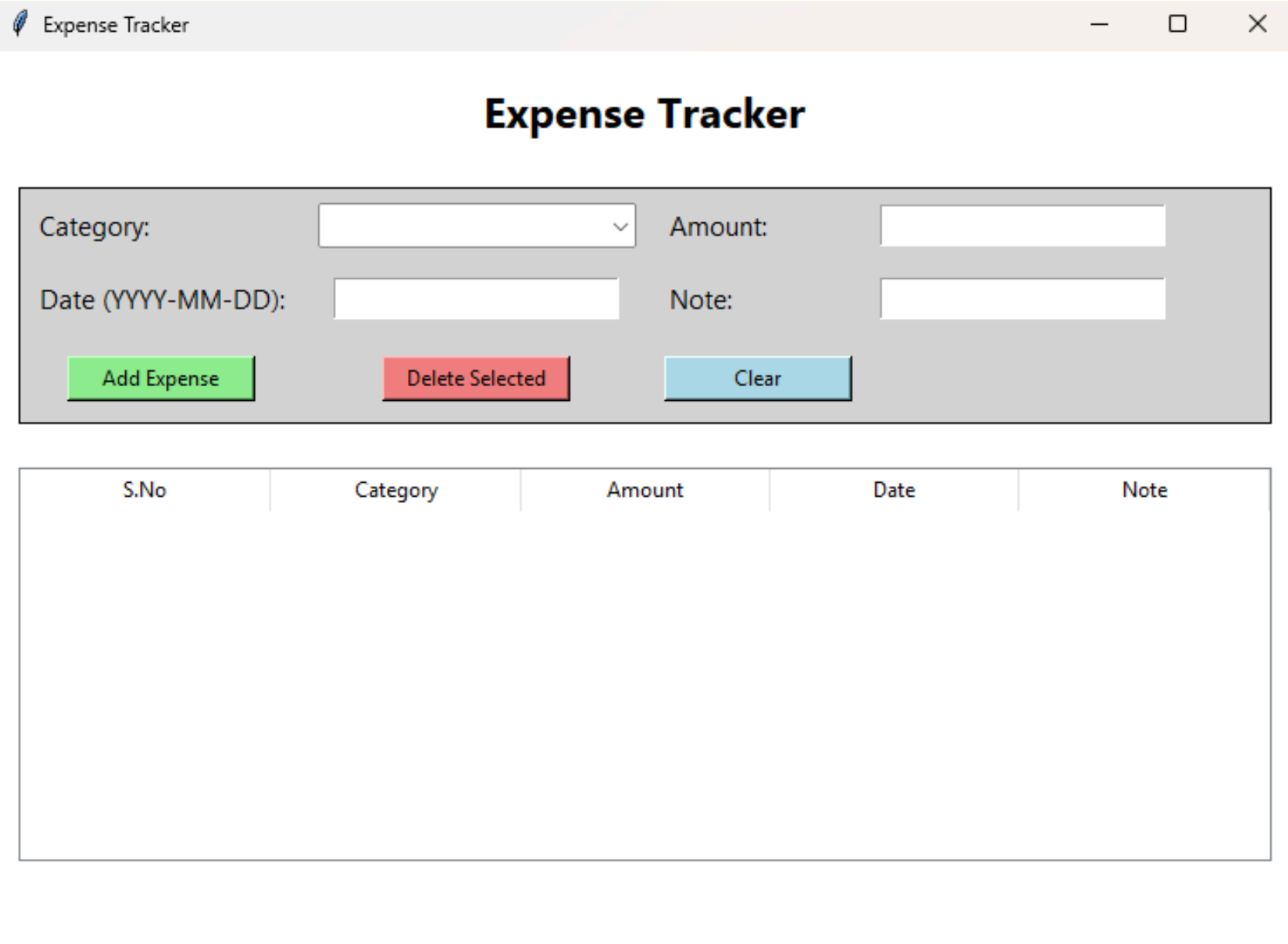
Shravani Saravade 24108B0015

Sejal Shahane

24108B0055

USER INTERFACE & FEATURES

- Clean and intuitive GUI with input fields for Category, Amount, Date, and Note
- Category dropdown with preset options like Food, Travel, Bills, Shopping, Other
- Expense list displayed in a table with serial numbers and alternating row colors
- Buttons to Add Expense, Delete Selected, and Clear inputs

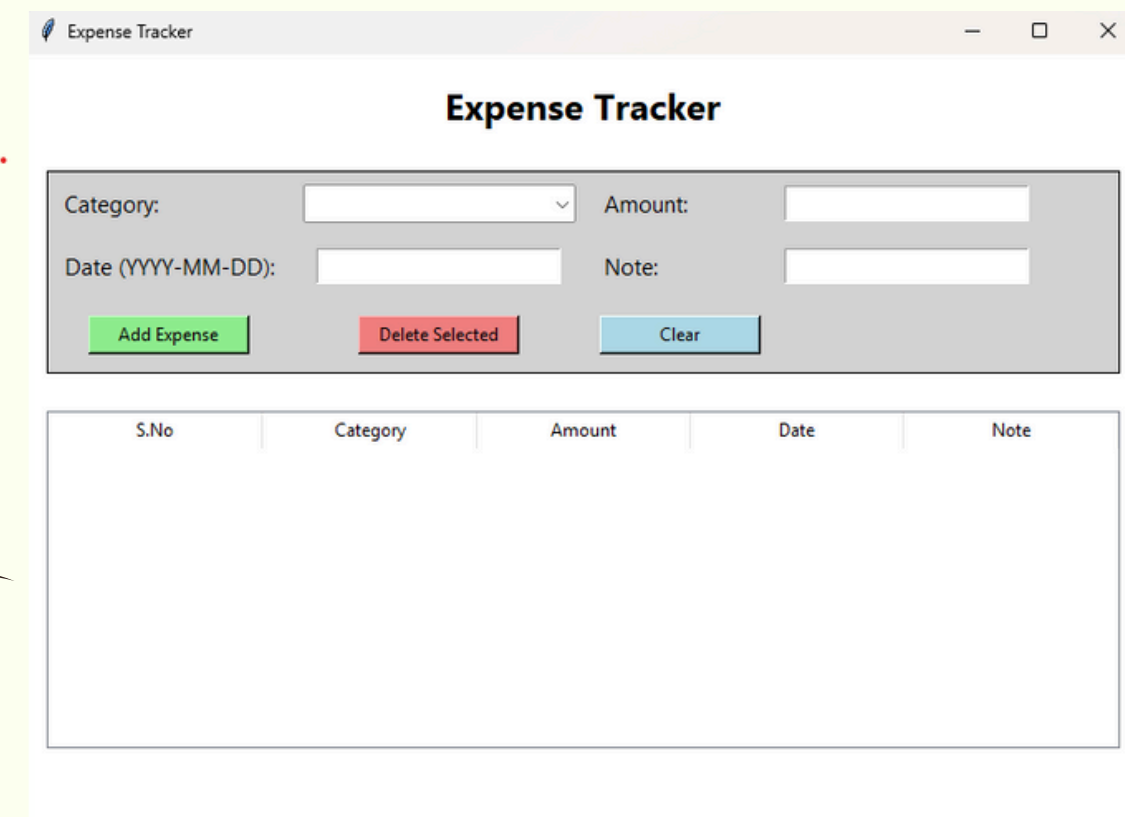


The screenshot displays the 'Expense Tracker' application window. The title bar shows the application name and standard window controls. The main heading is 'Expense Tracker'. Below this, there is a form with four input fields: 'Category' (a dropdown menu), 'Amount' (a text input), 'Date (YYYY-MM-DD):' (a text input), and 'Note' (a text input). At the bottom of the form are three buttons: 'Add Expense' (green), 'Delete Selected' (red), and 'Clear' (blue). Below the form is a table with five columns: 'S.No', 'Category', 'Amount', 'Date', and 'Note'. The table is currently empty.

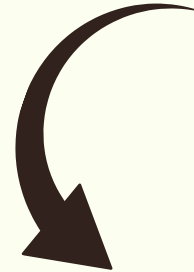
S.No	Category	Amount	Date	Note
------	----------	--------	------	------

ADDING & DISPLAYING EXPENSES

- Validates input: Amount must be a positive number; Date format YYYY-MM-DD
- Parses and converts date format for user-friendly display (DD-MM-YYYY)
- Stores expenses in a list of dictionaries and displays them in the table
- Calculates and updates total expenses dynamically



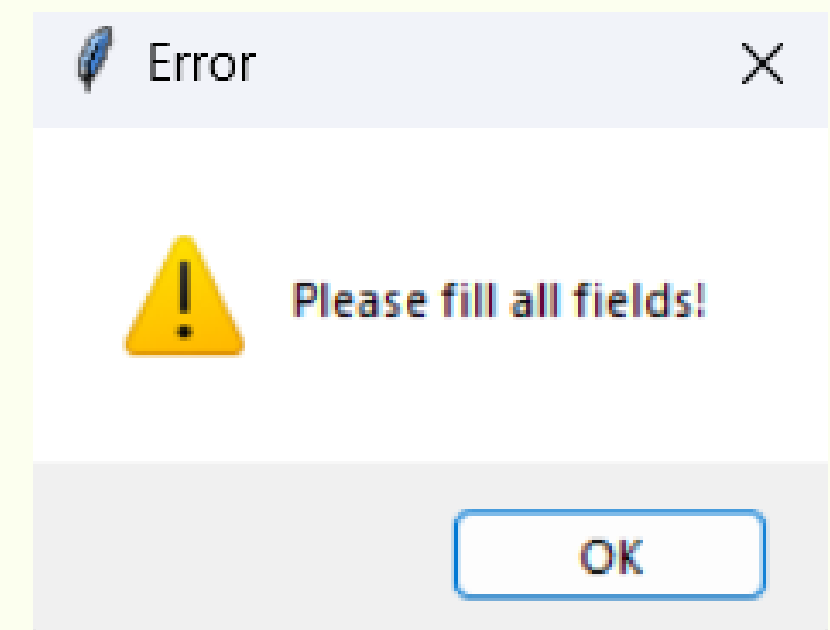
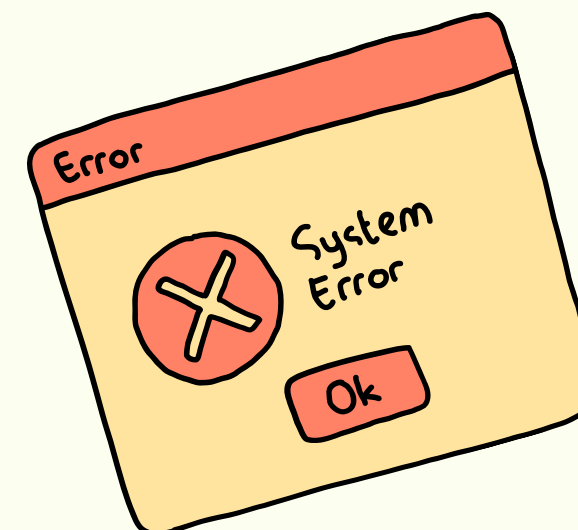
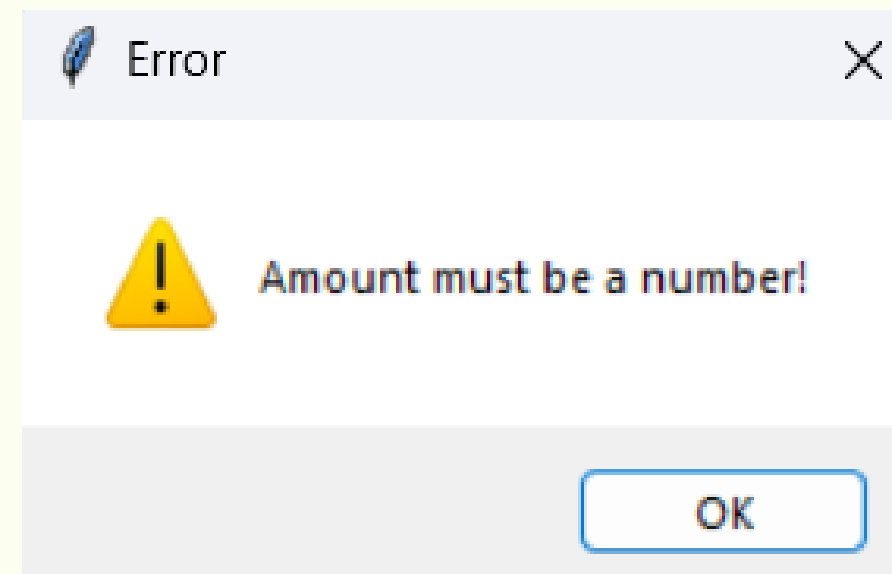
The image shows a screenshot of a web application titled "Expense Tracker". It features a form with the following fields: "Category:" (a dropdown menu), "Amount:" (a text input), "Date (YYYY-MM-DD):" (a text input), and "Note:" (a text input). Below the form are three buttons: "Add Expense" (green), "Delete Selected" (red), and "Clear" (blue). Underneath the buttons is a table with five columns: "S.No", "Category", "Amount", "Date", and "Note". The table is currently empty.



S.No	Category	Amount	Date	Note
1	Bills	2000.0	08-10-2025	electricity
2	Food	1200.0	09-10-2025	dinner
3	Shopping	1300.0	10-10-2025	clothes

INPUT VALIDATION AND ERROR HANDLING

- Checks that all fields (Category, Amount, Date, Note) are filled
- Shows warnings if inputs are missing or invalid
- Amount must be a positive number
- Date must be in YYYY-MM-DD format
- Prevents storing incorrect or incomplete data



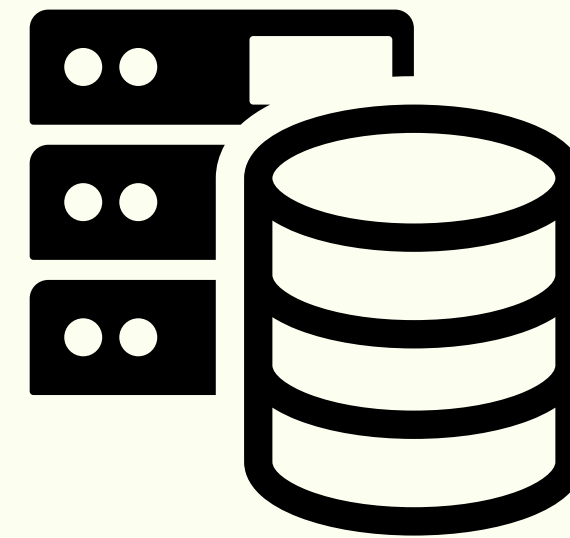
DATA STORAGE AND MANAGEMENT

- Expenses stored in a list of dictionaries
- Each expense includes Category, Amount, Date, and Note
- Example: {"Category": "Food", "Amount": 200, "Date": "08-10-2025", "Note": "Lunch"}
- Data stored temporarily during the program session

Category



Amount



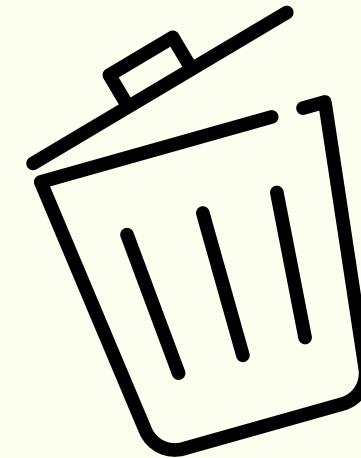
Note

Date

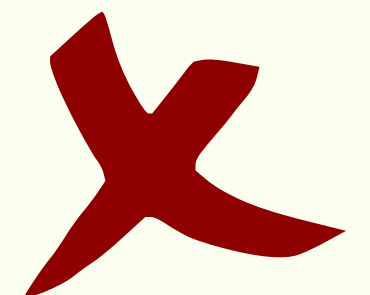
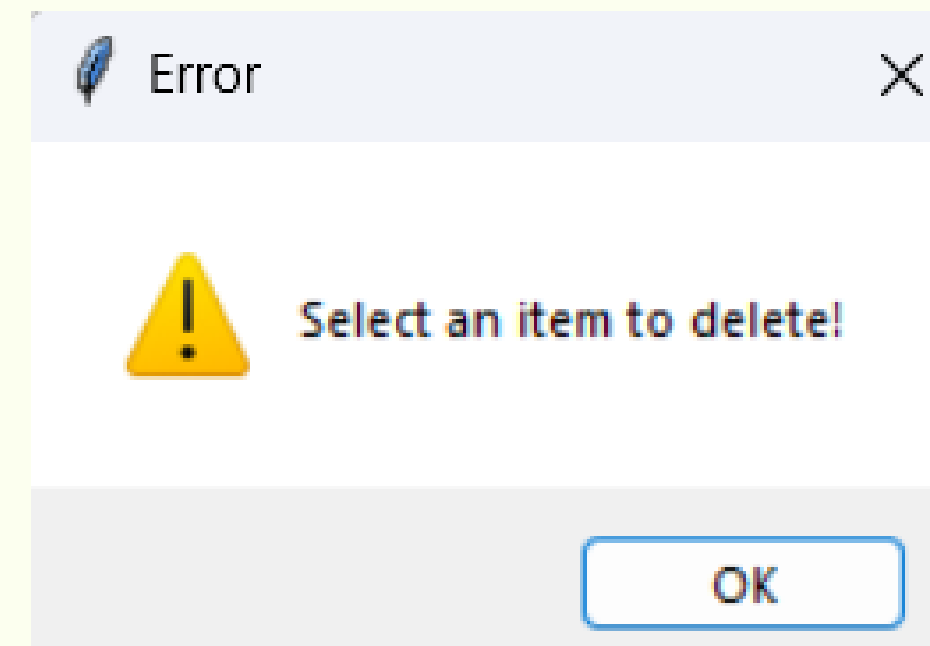
DELETING AND CLEARING EXPENSES

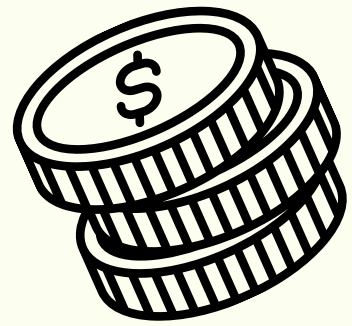
- Delete Selected: Removes chosen entry from table and list
- Shows a warning if no item is selected
- Clear Inputs: Resets all input fields for new entry
- Helps maintain clean and efficient workflow

DELETE



CLEAR





EXPENSE TABLE AND TOTAL CALCULATION

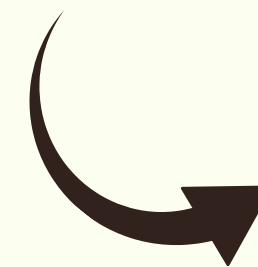


- Uses ttk.Treeview to display expenses in a table
- Columns: S.No, Category, Amount, Date, Note
- Alternating row colors improve readability
- Updates total expense automatically when items are added or deleted

Expense Tracker

Category:	<input type="text"/>	Amount:	<input type="text"/>
Date (YYYY-MM-DD):	<input type="text"/>	Note:	<input type="text"/>
<input type="button" value="Add Expense"/>		<input type="button" value="Delete Selected"/>	<input type="button" value="Clear"/>

S.No	Category	Amount	Date	Note
1	Bills	2000.0	08-10-2025	electricity
2	Food	1200.0	09-10-2025	dinner
3	Shopping	1300.0	10-10-2025	clothes



Total: ₹4500.00



THANK YOU

[View my PPT on GitHub Here!](#)