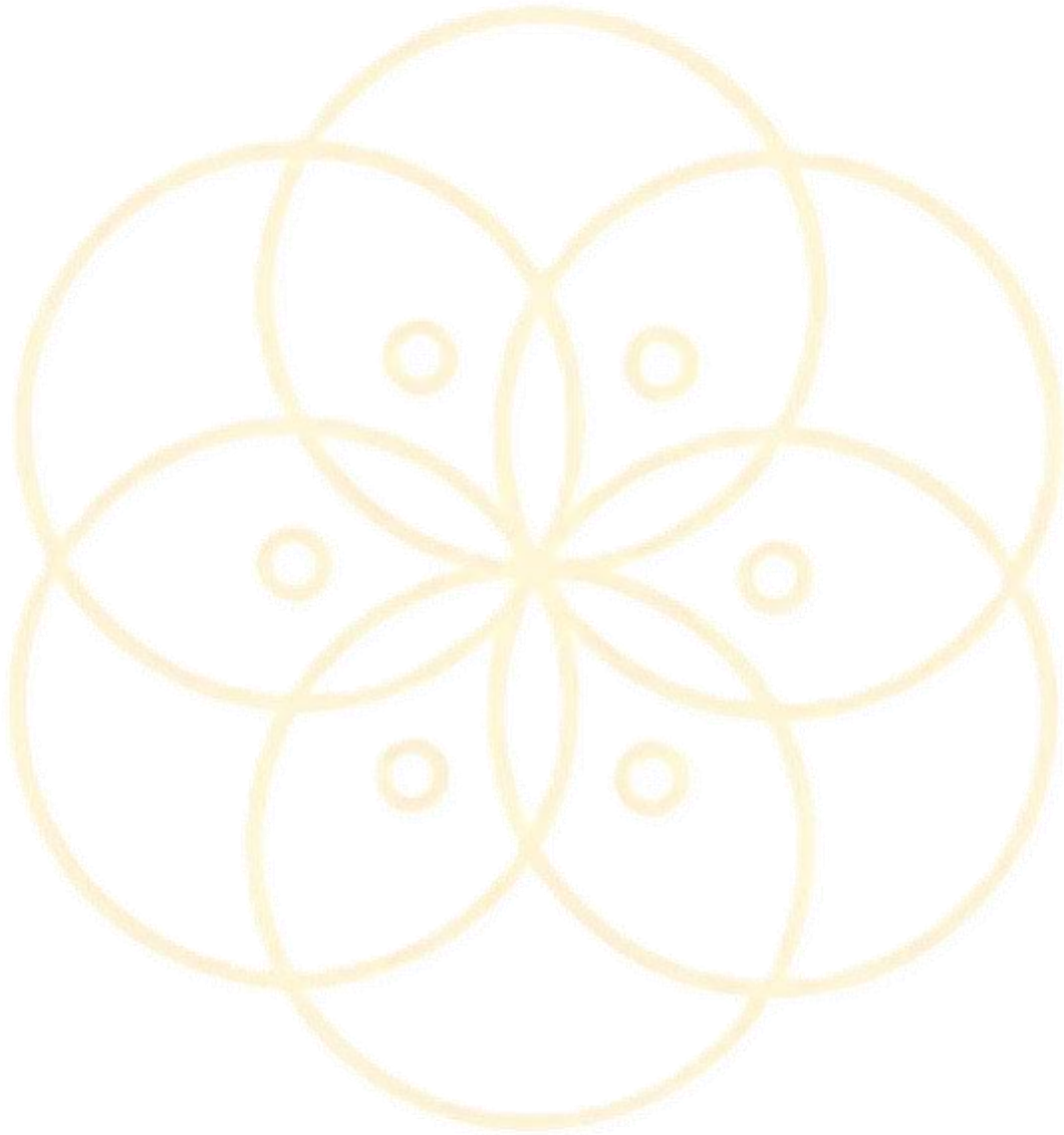


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# ZWAD INFORMATION APP

USER GUIDE

AHMED SABER ABDELJAWWAD ABDELKHALEK

STEM SHARKYA SCHOOL

[sharkyasch@stemsharkya.moe.edu.eg](mailto:sharkyasch@stemsharkya.moe.edu.eg)

## Contents

1. Introduction.....	1
2. Getting Started .....	1
3. Using the App .....	2
4. Error Messages and Fixes .....	3
5. Tips and Notes .....	4
6. File Outputs.....	4
7. Contact and Support.....	4

## 1. Introduction

**Zwad Information App** is a desktop program designed to store donation data from customers by the foundation's employees. It saves the information to a structured Excel sheet for easy tracking and reporting. This app is programmed using Python with Excel export handled via a C# executable.

## 2. Getting Started

### System Requirements

- Windows PC
- Donations.xlsx and C#\_table.csv will be created automatically
- No internet connection required

### Launching the App

- Double-click ZwadApp.exe to start the program.



Figure 1: The app's logo

## 3. Using the App

### Step-by-Step Instructions

#### 1. Fill in the following fields:

- Shop Name
- Seller's Name
- Owner's Name
- Shop Address
- Phone Number
- Cartoon Weight
- Plastic Weight
- Books Weight



The screenshot shows the 'Zwad Information App' interface. It features a QR code in the top left, the app title 'Zwad Information App', and a welcome message 'Welcome to Zwad program for customers' data recording'. Below this, there are several input fields: 'Shop name:', 'Seller's name:', 'Owner's name:', 'Shop address:', and 'Phone number:'. At the bottom, there are three input fields for 'Cartoon weight:', 'Plastic weight:', and 'Books weight:'. A large orange 'Submit' button is prominently displayed, along with a green button featuring the Excel logo.

Figure 2: The app's interface

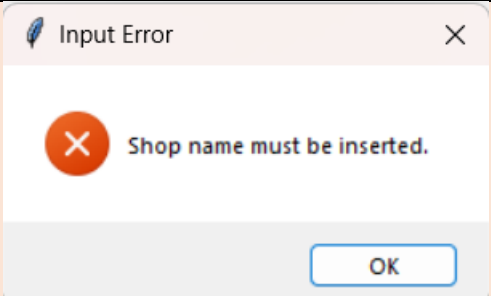
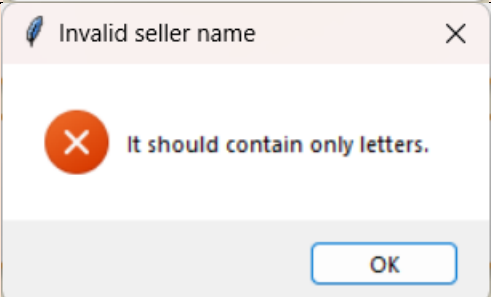
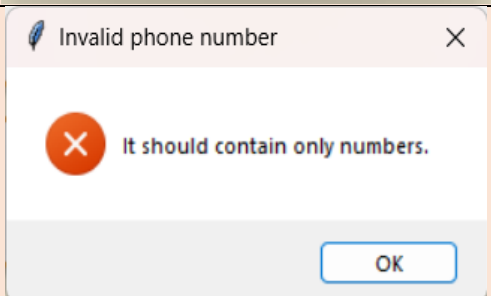
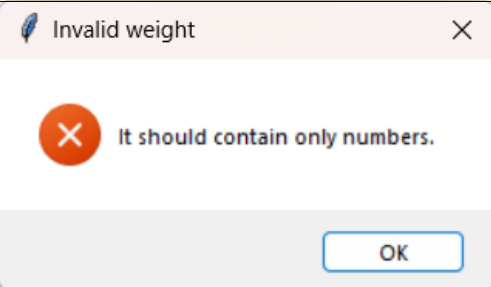
#### 2. Submit the Data

- Click the **Submit** button or press **Enter**.
- A success message will appear.
- Data is saved to C#\_table.csv.
- Excel file Donations.xlsx is updated automatically.

#### 3. View the Excel Sheet

- Click the **Excel icon** in the app.
- The sheet opens showing all recorded donations.

## 4. Error Messages and Fixes

Error Message	Cause	Solution
 An error dialog box titled "Input Error" with a close button (X). It contains a red circle with a white 'X' and the text "Shop name must be inserted." Below the text is an "OK" button.	Required field left empty (e.g. Shop Name)	Fill in the empty field
 An error dialog box titled "Invalid seller name" with a close button (X). It contains a red circle with a white 'X' and the text "It should contain only letters." Below the text is an "OK" button.	Name fields contain numbers/symbols	Use only letters and spaces
 An error dialog box titled "Invalid phone number" with a close button (X). It contains a red circle with a white 'X' and the text "It should contain only numbers." Below the text is an "OK" button.	Phone number must be 11 digits and numeric	Enter a valid Egyptian phone number
 An error dialog box titled "Invalid weight" with a close button (X). It contains a red circle with a white 'X' and the text "It should contain only numbers." Below the text is an "OK" button.	Weight field contains non-numerical input	Use numbers only

## 5. Tips and Notes

- Press **Tab** to move between fields quickly.
- The app works offline.
- All files are saved in the “\_internal” folder located in the same folder as the .exe.
- If the C# export fails, the app automatically updates the Excel file using Python.

## 6. File Outputs

- **C#\_table.csv** – Stores all donation entries
- **Donations.xlsx** – Excel version of the data

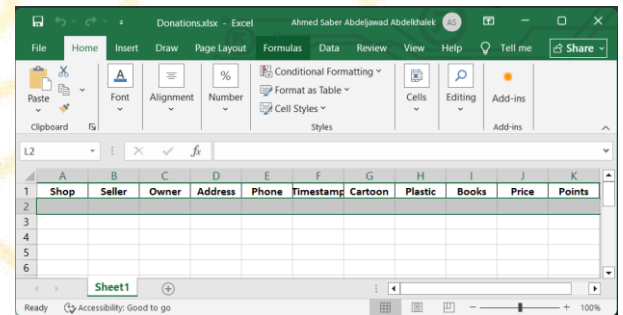


Figure 3: Excel sheet preview

## 7. Contact and Support

For questions, feedback, or improvements, feel free to reach out:

**Ahmed Saber**

STEM Sharkya School

Email: [ahmedsabereg@outlook.com](mailto:ahmedsabereg@outlook.com)