
PYTHON

BroilerBillz

OVERVIEW:

The BroilerBillz is an efficient tool designed to streamline the billing process for my father's poultry business. This application simplifies tasks such as tracking sales, calculating totals based on item weight, and generating receipts, making the whole process smoother and more organized. By eliminating manual calculation errors and improving record-keeping, it has been a huge help in the day-to-day operations of the business.

KEY FEATURES:

- **Bill Entry:** The system allows the addition of items to the bill by selecting from a predefined list of poultry products and entering the weight. Once the weight is provided, the system calculates the total cost based on the product's price per kilogram. This automation reduces the chances of errors and speeds up the billing process.
- **Generate Receipt:** After the bill is complete, the system generates a detailed PDF receipt with customer details, items purchased, total amount, and a timestamp. This receipt serves as a record for both the business and the customer, providing transparency and clarity.
- **Sales Record:** Every transaction is logged into an Excel sheet, ensuring all sales data is stored in an organized manner. This feature makes it easy to track sales history, check totals, and generate reports. It includes information like the serial number, customer name, item, weight, total amount, and timestamp.
- **User-Friendly Interface:** The application features a simple and clean Tkinter interface, making it easy to navigate and use. With intuitive fields and buttons, anyone can quickly adapt to using the system, whether they're familiar with technology or not.
- **Sales Tracking:** The system automatically updates the sales records in real time, ensuring accuracy and consistency in data. By using Excel for storage, it's easy to manage and analyze sales data whenever needed.
- **Error Handling:** The system provides helpful error messages when necessary inputs are missing or incorrect, ensuring that only valid information is entered. This reduces mistakes and ensures smooth operation.

The BroilerBillz was developed to help my father's poultry business manage sales in a quick and organized way. It simplifies the billing process by automating calculations, generating clear receipts, and maintaining a detailed sales record. The system was created with a focus on ease of use and accuracy, making it perfect for small business owners who want to avoid the hassle of manual billing while keeping their records in order. The tool has proven to be an efficient and reliable asset in streamlining day-to-day transactions.