

Activity No.6.1	
Problem Identification	
Course Code: CPE 007	Program: Computer Engineering
Course Title: Programming Logic and Design	Date Performed: 10/15/2025
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6. Output	
<p style="text-align: center;"><i>“Transaction Tracking System for Small Business Owners”</i></p> <p><i>Small business owners mostly rely on notebooks, especially the older generations to record their sales, payments, and inventory. These are the traditional ways but are time consuming and inefficient. As the business grows it will have more sales and payments to track making it more difficult to do.</i></p> <p>Our plan of action is to deal with the difficulty of tracking the sales, payments, and inventory using the traditional method because they lack access or knowledge to use digital tools. Many small business owners do not use accounting systems because of their high cost and its complex system. Moreover, manual sales computation and inventory tracking is prone to human error and miscalculations leading to product shortages/overstocking and can affect the stores income.</p> <p>To address this problem, our team would like to propose a Transaction Tracking System and Management System that will simplify sales, payment, and inventory tracking for business owners. Instead of relying on hand written notebooks our system will allow users to input transaction details digitally. And it will automatically generate an organized receipt that can be viewed or printed using notepad.</p>	

7. Reference :

Giddh Blog. (2025, September 22). 5 Reasons Why Small Businesses Prefer Bookkeeping Software. Giddh. <https://giddh.com/blog/bookkeeping-software-for-small-business>

Bookkeeper360. (n.d.). The Hidden Costs of Manual Bookkeeping and How Automation Can Save Your Business Thousands. Bookkeeper360.
<https://bookkeeper360.com/blog/the-hidden-costs-of-manual-bookkeeping-and-how-automation-can-save-your-business-thousands/>

Lee, K. L., et al. (2021). Elimination of Misconduct in Manual Counting Process as an Improvement of Inventory Accuracy in a Manufacturing Company. International Journal. (Proposal of automation to reduce human error)
[Elimination of Misconduct in Manual Counting Process as an Improvement of Inventory Accuracy in A Manufacturing Company](#)