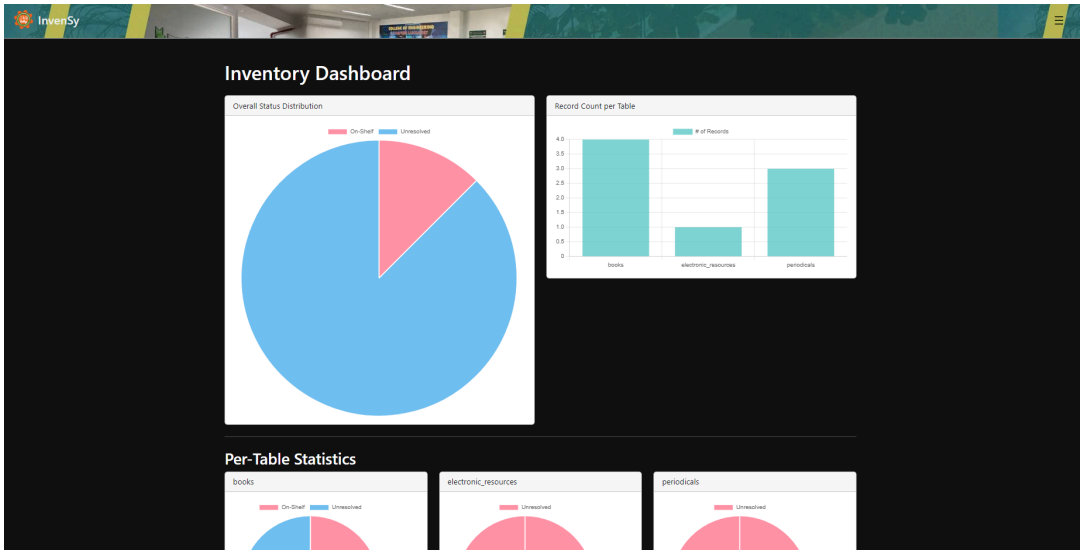


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| Inventory System for UCC – College of Engineering Library | |
| Progress Report No. 3 | |
| Course Code: CpE 201L | Program: BSCpE |
| Course Title: Data Structure and Algorithm | Date Performed: 09/13/2025 |
| Section: 2A | Date Submitted: 09/13/2025 |
| Team leader: Bron, Jhustine A. Members: Acebedo, Sebastian C. Ampong, J-Kevin L. Manongsong, Ken R. | Instructor: Engr. Maria Rizette H. Sayo |
| Materials and Equipment | |
| <ul style="list-style-type: none"> ● Neobeam ● Github ● Pycharm ● Git ● Browser | |
| Procedure | |
| <p>For the next phase of our UCC College of Engineering Library Inventory System, we will implement a login feature that uses a stack structure to track user logins and logouts. Each login action will be pushed onto the stack, allowing us to easily review the most recent sessions and manage user access efficiently.</p> <p>At the same time, we are continuing development of the history function, which records key actions such as insert, delete, update, and search. The history log will keep the five most recent actions in an active queue, while older entries move to a secondary queue for long-term storage. This ensures both the login system and the history tracker remain responsive and organized even during continuous use.</p> <p>CURRENT DEVELOPMENT OF OUR PROGRAM INTERFACE:</p> | |



InvenSy

HELLO, AND GOOD DAY LIBRARIAN

WELCOME TO THE LIBRARY INVENTORY SYSTEM. MANAGE, SEARCH, AND UPDATE YOUR BOOK

Import Data from Excel

Upload an Excel file (.xlsx) to import data into the inventory system. Each sheet in the file will be imported as a separate table.

Select Excel File

Choose File No file chosen

Upload and Import

InvenSy

Switched to table: books

Table: Books

Add to This Table Batch Update

Search

| Id | Status | Accession Number | Section | Call Number | Title | Author | Year Of Publication | Other Authors | Other Contributors | Place Of Publication | Publisher | Edition | Series | Description Pages Illustration Dimensions | Isbn | Subject | Note |
|----|------------|------------------|---------|-------------------------|--|----------------------|---------------------|--------------------|--------------------|----------------------|-----------------------|---------|--------|--|---------------|---|---|
| 1 | On-Shelf | B-00000001 | CIR | HF 5386 .T34 2013 | The rules of work : a definitive code for personal success | Richard Templar | 2013 | | | England | Pearson Education | | | iii, 251 p. ; 20 cm. | 9781447929543 | Success in business; Executives | "10th anniversary edition"--Introduction |
| 2 | Unresolved | B-00000002 | FIL | GV 341 .P9847p 2019 c.1 | Physical education 2 : fitness exercises | Michelle D. Punzalan | 2019 | Marilou C. Mondina | | Manila | Mindshapers Co., Inc. | | | iii, 128 p. : ill. ; 23 cm. | 9786214062072 | Physical education and training; Physical fitness | PathFit (Physical activities toward health and fitness) |

