Inventory System for UCC – College of Engineering Library	
Progress Report No. 5	
Course Code: CpE 201L	**Program:** BSCpE
Course Title: Data Structure and Algorithm	**Date Performed:** 10/11/2025
Section: 2A	**Date Submitted:** 10/11/2025
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

- Neobeam
- Github
- Pycharm
- Git
- Browser

Procedure

For the next phase of our UCC College of Engineering Library Inventory System, we are now focused on adding all the requirements and tasks given by our client, the UCC College of Engineering Librarian, to improve the program and include more useful features.

Some of the new features we've implemented include downloadable graphs in the dashboard and a settings panel that allows users to customize the table view. For example, users can turn specific parts of the table (like the Title column) on or off, adjust the width of each column for better visibility, and even rearrange the table layout by dragging and dropping sections in the settings.

These updates aim to make the system more flexible, user-friendly, and visually organized for easier data management.

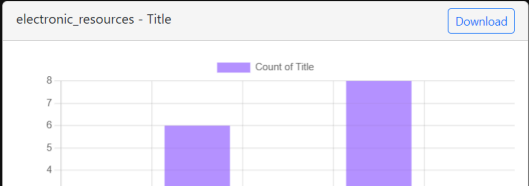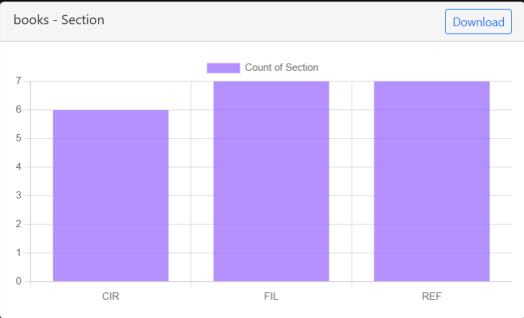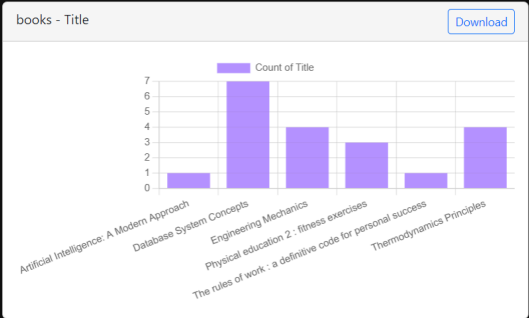CURRENT DEVELOPMENT OF OUR PROGRAM INTERFACE:
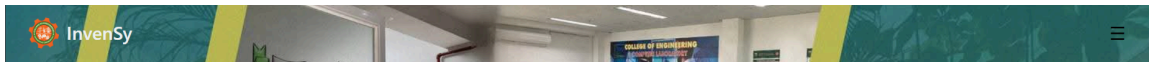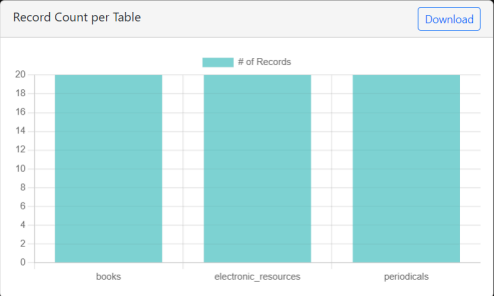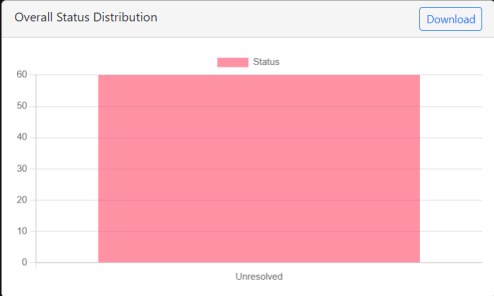
Settings

⬤ Enable Field Count Charts

Field Count Chart Type

Bar

Total Status Chart Type

Bar

Record Count Chart Type

Bar

Per Table Chart Type

Bar

Save Settings

Column Visibility

Books

Column Visibility

Books

⬤ Accession Number	⬤ Id	⬤ Status
150 ☰	150 ☰	150 ☰

⬤ Section	⬤ Call Number	⬤ Title
150 ☰	150 ☰	150 ☰

⬤ Author	⬤ Year Of Publication	⬤ Other Authors
150 ☰	150 ☰	150 ☰

⬤ Other Contributors	⬤ Place Of Publication	⬤ Publisher
150 ☰	150 ☰	150 ☰

⬤ Edition	⬤ Series	⬤ Description Pages Illustration Dimensions
150 ☰	150 ☰	150 ☰

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Electronic Resources

🔵 Status	🔵 Accession Number	🔵 Title
150	150	150

🔵 Author	🔵 Year	🔵 Link
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150	150	

Periodicals

🔵 Id	🔵 Status	🔵 Item Type
150	150	150

🔵 Localinternational	🔵 Course	🔵 Periodical Title
150	150	150