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USER MANUAL



E-CORE
Electronic Component REservation System

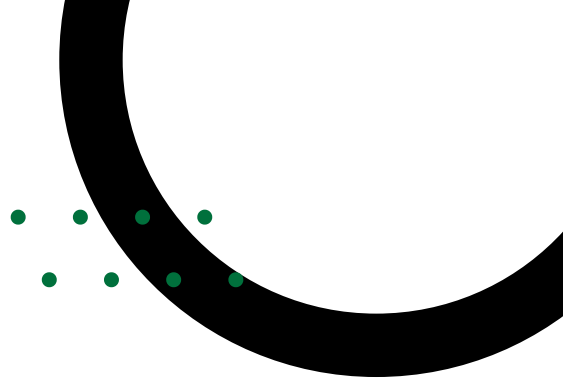
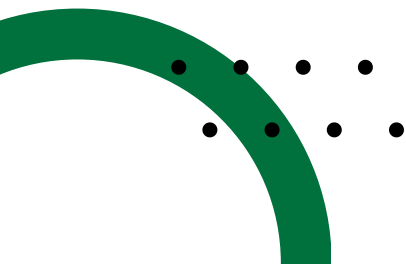
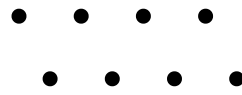


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E-CORE



01

OVERVIEW

The Electronic Component Reservation System is designed to optimize the management of equipment and room reservations of the various electronic laboratories in the De La Salle University-Manila campus. Developed using HTML, CSS, JavaScript, PHP, and SQL, this system offers a user-friendly interface that facilitates inventory viewing, searching, and updating. Key features include a search bar for quick item retrieval and dropdown filters for easy navigation through categories and components. The system enhances resource management efficiency by providing real-time visibility into item availability and streamlining reservation processes, thus ensuring accurate and effective control over campus resources. Additionally, the system is designed with modularity in mind, allowing for easy scalability and maintenance. Integrating these features significantly improves operational efficiency and resource utilization, making it a valuable asset for campus administration.



E-CORE
Electronic Component REservation System

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E-CORE

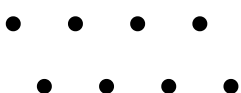
DECE's Electronic Component Reservation System

Your Electronic Component Reservations with Precision

Reserve Now!

E-CORE SETUP

1. Download the ZIP from our GitHub repository
“https://github.com/jnvlnzl/LBYCPG3_G1_Project.git”
2. Extract the source code ZIP file “LBYCPG3_G1_Project”
3. Install XAMPP Version 8.0 above
4. Open the XAMPP Control Panel and start Apache and MySQL
5. Copy the extracted ZIP file and paste it into XAMPP’s “htdocs” folder
6. Browse the phpMyAdmin in any browser using
“<https://localhost/phpmyadmin>”
7. Create a new database named “ecor”
8. Import the SQL file included in the source code folder.
The file is named “ecor.sql” and is located in the databases folder
9. Open the website using
“http://localhost/LBYCPG3_G1_Project/home.php”



E-CORE FUNCTIONS

HOME PAGE

- Welcomes users with the website's title and tagline.
- "Reserve Now" Button: Directs users to the Catalog page for browsing and reserving electronic components.

NAVIGATION BAR

- Quick access to Home, About Us, Laboratories, Catalog, Contact, Cart, and the Search Bar.

FOOTER

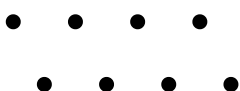
- Contact details of website manager and developers for inquiries.

ABOUT US PAGE

- Displays the purpose and mission of the website.

LABORATORIES PAGE

- Dropdown Menu from Navigation Bar: Lists DLSU DECE Laboratories.
- DECE Labs:
 - St. Miguel Hall: M402A, M402B, and M402C
 - Velasco Hall: V303A, V303B, V311, V312, V401, V402, and V404
- Each laboratory page provides details about the laboratory, including the equipment available within it.
- Presents items in card format, with each card including name, image, and two buttons: "View Details" and "Reserve."



E-CORE FUNCTIONS

CATALOG PAGE

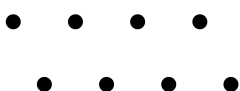
- Presents items in card format, with each card including name, image, and two buttons: “View Details” and “Reserve.”
- “View Details” Button: Displays the description and available quantity of the item.
- “Reserve” Button: Adds the item to the reservation cart.
- Filtering Option: Filters items by category
 - Categories: All Categories, Discrete, Laboratory Equipment, Power Supply, Measuring Instruments, and Training Systems.

RESERVATION BAG

- Displays all items selected for reservation, including their names, quantities, and options to remove items.

SEARCH BAR

- Searches using keywords entered.
- Presents results in card format, with each card including name, image, and two buttons: “View Details” and “Reserve.”



E-CORE DEVELOPERS

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