



EQUIPIFY: ROOM & EQUIPMENT INVENTORY MANAGER

BS INFO - 3WMAD2 | ITTEL - 305



MEMBERS

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Carbungco, Cyrus U.

Cristal, Vince Allen D.

MEMBERS

Marquez, Eugene Paul S.

INTRODUCTION

- Equipify is a web-based system for managing and tracking laboratory equipment.
- It simplifies inventory tasks and supports equipment borrowing and returns.
- Designed for admins, lab techs, faculty, and student assistants, the system ensures organized, role-based access to equipment records.

PURPOSE

- The system optimizes the management, monitoring, and tracking of laboratory equipment for the College of Computer Studies.
- It minimizes manual inventory tasks and improves equipment accountability.
- It establishes an organized process for maintenance tracking, equipment borrowing, and returning.

USERS

- Administrator – Handles the equipment inventory, users, room assignments, and reports.
- Lab Technician – Responsible for approving and reviewing equipment borrow/return requests and facilitating maintenance records.
- Faculty/Staff – Authorized to borrow equipment, track status, and return borrowed items.

USERS

- Student Assistant – Supports in managing borrow logs and inventory records.

KEY FEATURES

- User Authentication – Allows users to register, log in, and recover passwords securely.
- User Management – Enables administrators to manage user accounts (add, view, update, delete).
- Equipment Management – Lets authorized users manage equipment records, including condition, serial number, and location.

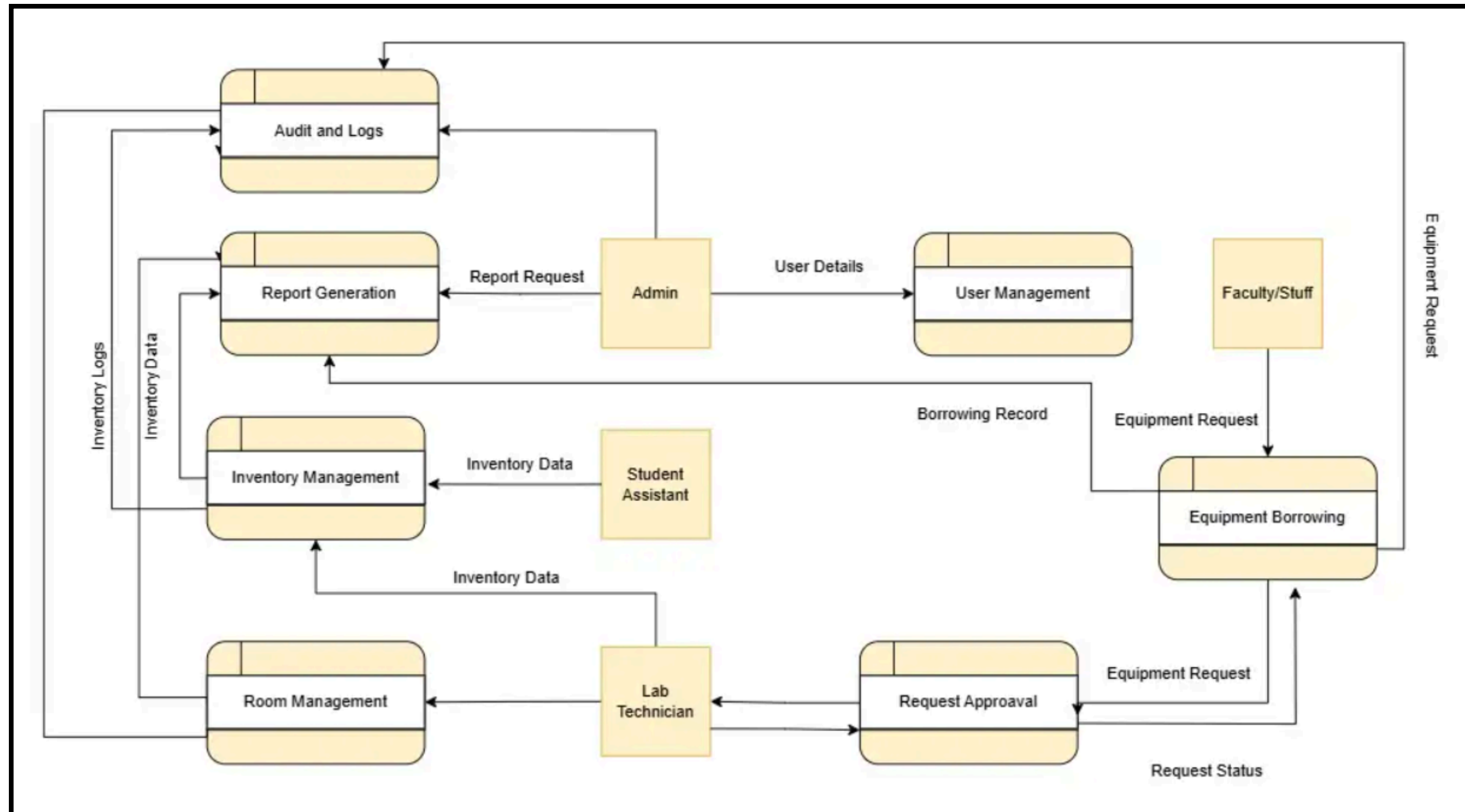
KEY FEATURES

- Room & Lab Setup – Administrators can create and manage rooms or laboratories for equipment assignment.
- Borrowing System – Faculty and staff can request to borrow equipment through the system.
- Request Approval Workflow – Lab technicians can review, approve, or reject borrow requests.

KEY FEATURES

- Borrowing & Return Tracking – Tracks borrowed items, borrower details, and expected return dates.
- Maintenance Logging – Users can report equipment issues and log maintenance activities.
- Report Generation – Generates reports on equipment status, usage, and maintenance history.
- Audit Trail – Records user actions for monitoring and accountability.

SYSTEM ARCHITECTURE



TEAM PLAN SUMMARY

Task ID	Task Name	Description	Assigned To	Duration (hrs/days)
1	Requirement Gathering	Collect and finalize all system needs	Vince Allen D, Cristal	2 days
2	UI/UX Design	Design the mockup and layout	Rick John P. Albaño	3 days
3	Backend Setup	Database creation, server setup	Eugene Paul S. Marquez	3 days

TEAM PLAN SUMMARY

Task ID	Task Name	Description	Assigned To	Duration (hrs/days)
4	Feature Development	Implement booking and login features	Cyrus U. <u>Carbungco</u>	7 days
5	Testing & Bug Fixing	Test all modules, fix issues	Vince Allen D, Cristal	3 days
6	Deployment	Host the system for demo use	All Members	1 day



**THANK YOU SO MUCH
FOR LISTENING**