E-ASSIGNMENT
SYSTEM WEB APPLICATION

THE E-ASSIGNMENT SYSTEM, SHORT FOR ELECTRONIC ASSIGNMENT MANAGEMENT SYSTEM, REFERS TO A DIGITAL PLATFORM OR SOFTWARE DESIGNED TO STREAMLINE AND MANAGE THE PROCESS OF ASSIGNING, SUBMITTING, GRADING, AND PROVIDING FEEDBACK ON ACADEMIC ASSIGNMENTS IN AN ELECTRONIC FORMAT. THIS SYSTEM TECHNOLOGY IS LEVERAGED TO ENHANCE THE EFFICIENCY OF THE ASSIGNMENT WORKFLOW.

DEVELOPER
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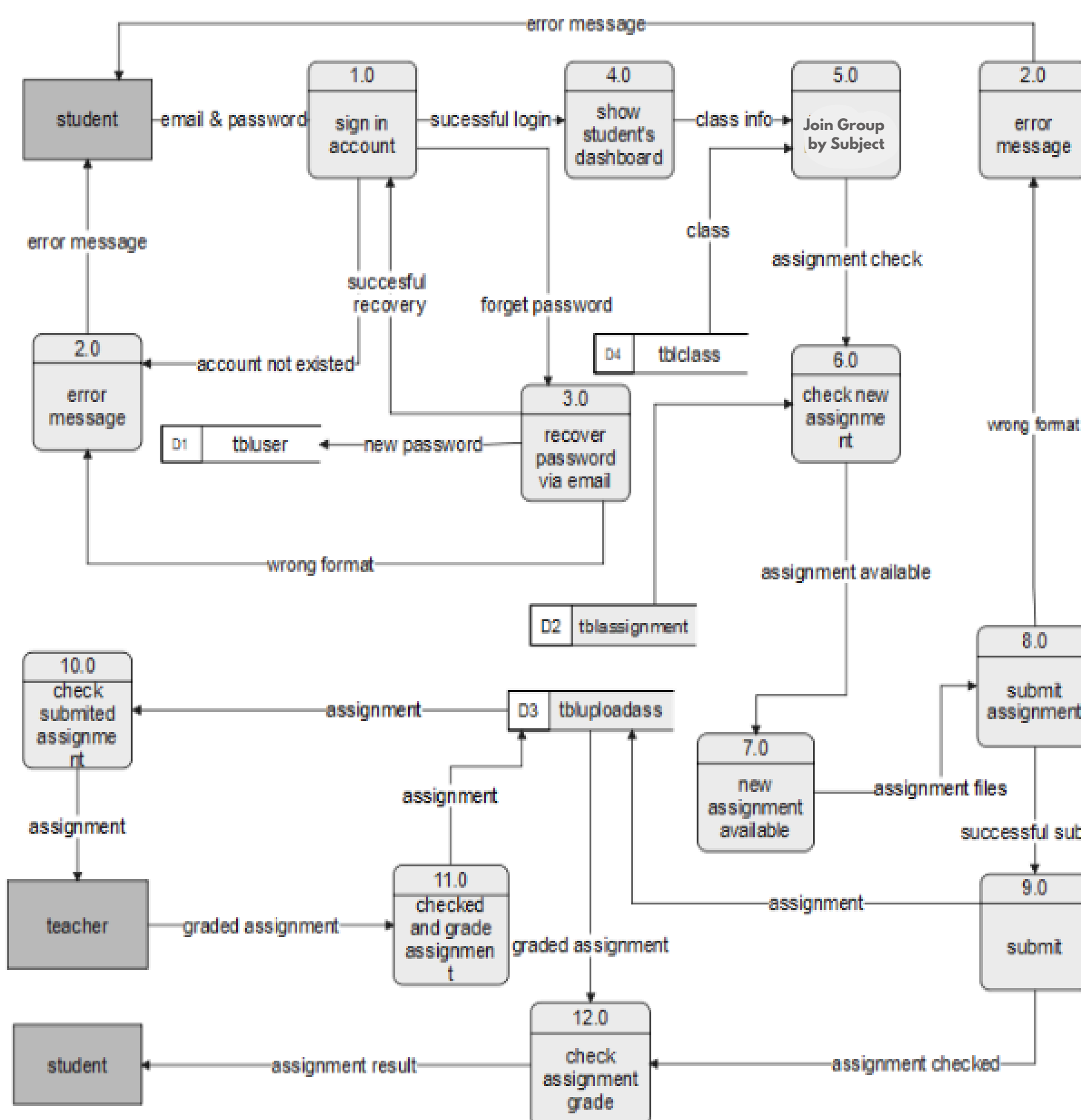Prof. Luy Mithona   Advisor

GOAL OF PROJECT

The goal of the e-assignment system is to develop a comprehensive digital platform that enhances the management and execution of academic assignments by integrating key functionalities into a unified interface. This system aims to:
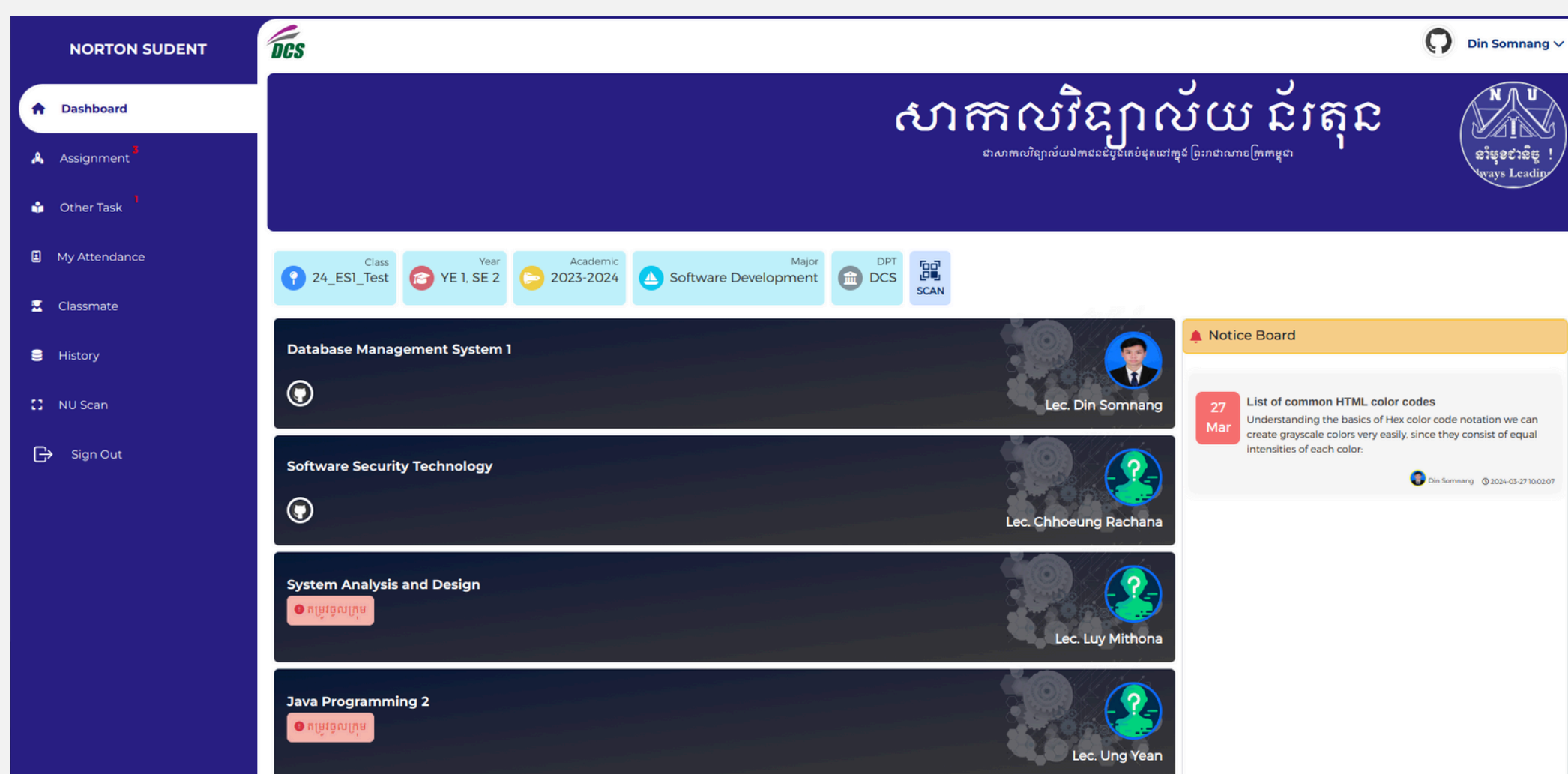
1. Streamline Attendance Management: Facilitate efficient tracking and recording of student attendance.
2. Centralize Learning Resources: Provide a centralized repository for accessing and sharing educational materials.
3. Simplify Assignment Distribution: Enable teachers to assign, track, and manage various types of academic tasks, including regular assignments, homework, and midterm assessments.
4. Automate Student Group Formation: Automatically generate student groups to support collaborative learning and group assignments.
5. Offer an Interactive Dashboard: Present a dynamic and user-friendly dashboard for students and teachers to monitor progress, access resources, and manage assignments effectively.

By leveraging technology, the e-assignment system seeks to improve the overall efficiency of the assignment process, foster better engagement between students and educators, and provide a robust platform for academic success.

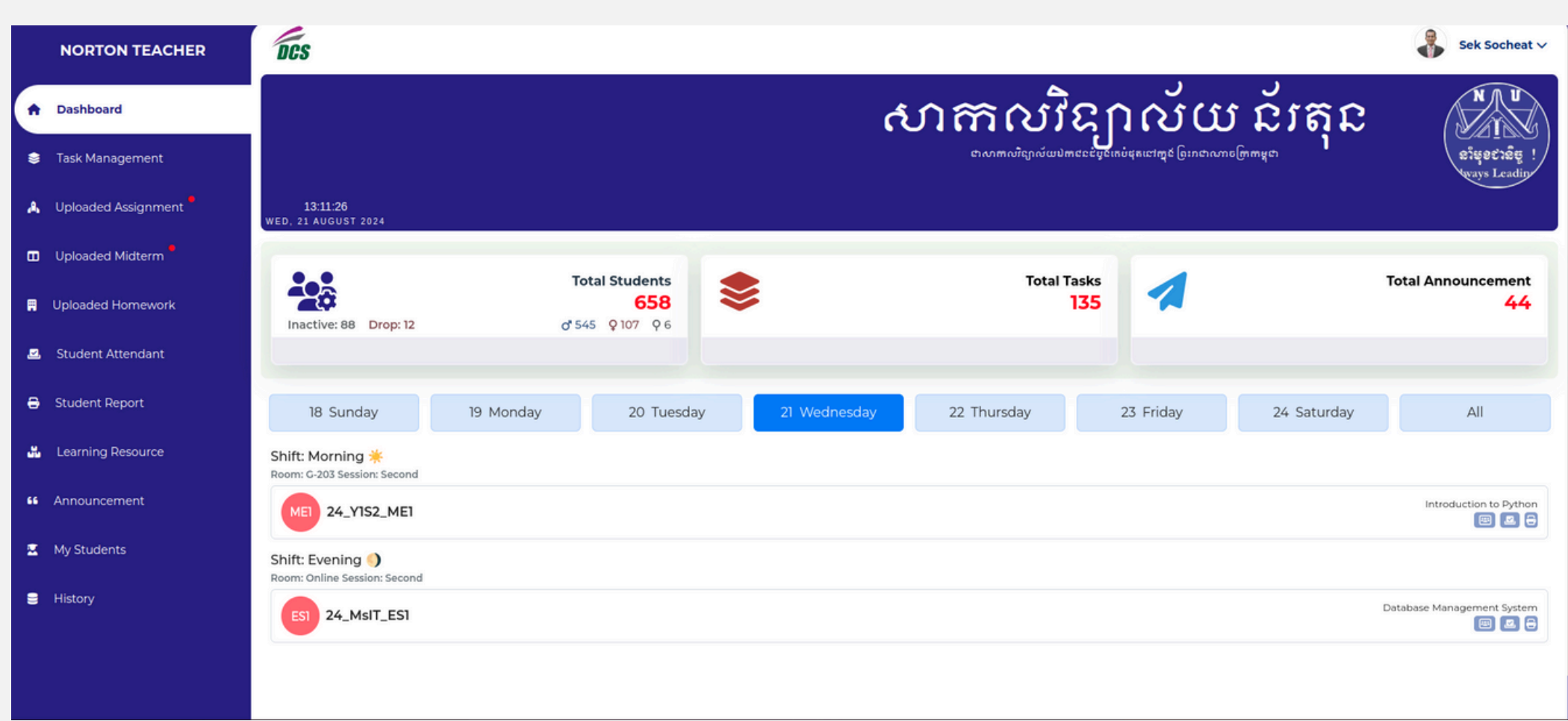# DATA FLOW & DIAGRAM

PROTOTYPE SYSTEM

STUDENT

The e-assignment system offers students a streamlined platform to efficiently manage their academic tasks. Key functions include viewing and submitting assignments online, tracking grades attendance and feedback, accessing learning resources, and participating in group work. Students can also receive reminders. Additionally, the system provides tools for managing personal profiles, accessing technical support, and ensuring a comprehensive and user-friendly experience.
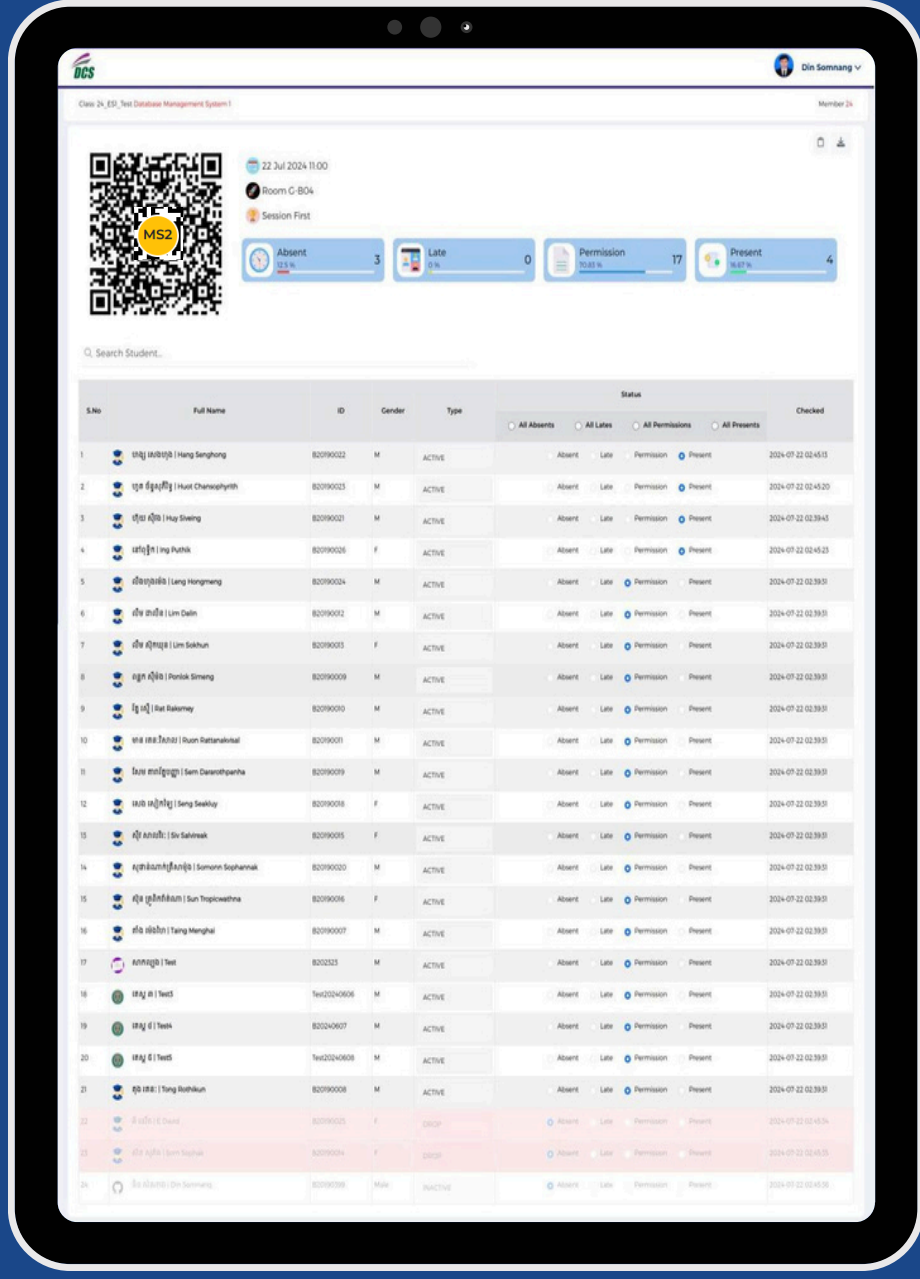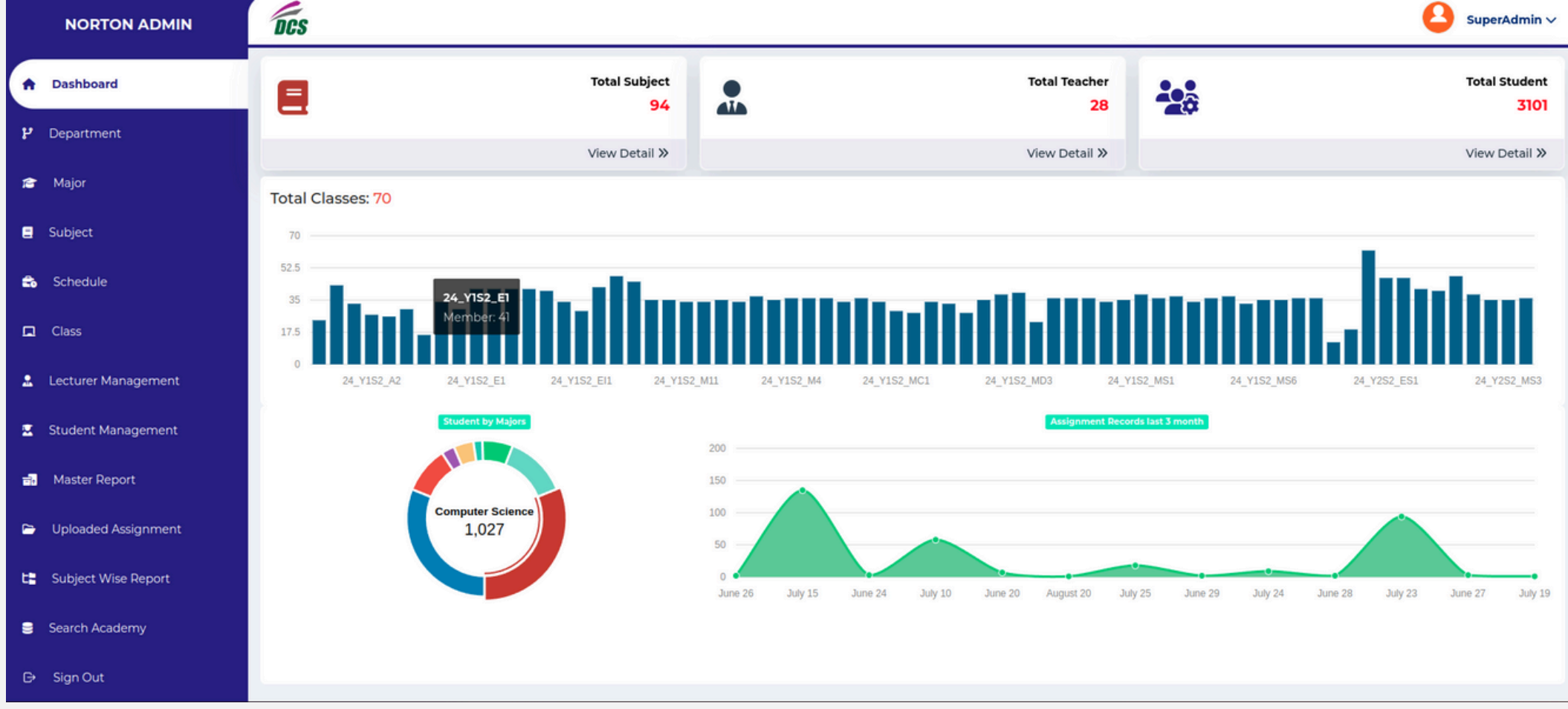
TEACHER

The e-assignment system provides teachers with a robust platform to streamline academic management and enhance instructional efficiency. Key functions include assigning and grading homework, midterms, and assignments; managing and distributing learning resources, and managing student attendance. Teachers can track student progress through interactive dashboards, and provide timely feedback. Additionally, the system offers tools for generating reports and insights, ultimately simplifying the assignment process and fostering a more organized teaching environment.

ADMIN

The e-assignment system delivers essential tools to oversee and optimize the academic management process. Key functions include configuring and managing user accounts for students and teachers, overseeing assignments, and monitoring overall system usage and performance. Administrators can generate and review detailed reports on attendance, assignment submissions, and grading trends. Additionally, administrators have access to system settings, can manage updates, and ensure the smooth operation of the platform through technical support and maintenance.

CONCLUSION

The e-assignment system enhances academic management by streamlining assignment distribution, grading, and attendance tracking. It offers students a streamlined way to manage tasks and track progress, provides teachers with efficient tools for assignments and feedback, and gives administrators oversight and management capabilities. This integrated platform improves communication and efficiency across the academic environment, supporting a more organized and connected educational experience.

FEATURES
- Attendance Management
- Learning Resources
- Assigning Assignment
- Assigning Homework
- Assigning Midterm
- Auto Generate Student Group
- Interactive Dashboard

TECHNOLOGIES
- PHP & MYSQL
- BOOTSTRAP and JQUERY

REFERENCES
- PHP 8.3 Available at: https://www.php.net/
- MYSQL Available at: https://www.mysql.com/
- JQUERY 8.1 Available at: https://jquery.com/
- BOOTSTRAP 5.3 Available at: https://getbootstrap.com/