LAB EQUIPMENT BORROWING SYSTEM

* This program is created to manage the inventory of the laboratory equipment by creating logs of borrowed equipment and allow the user to view and borrow available equipment in the inventory. For this project we will use the CISCO Laboratory equipment as sample database.

Preliminary Requirements:

1. User must be able to log-in with account protected with password.
2. The user must be able to enter the basic information regarding the borrower and the equipment such as name, student number, course and section, group number, room, date, and professor.
3. The system must have a database for information on the equipment and user accounts.
4. Let the user click on the item to borrow from a list of materials.
5. The user must be able to view which equipment are available or not.
6. If equipment is available, the user must be able to book or request materials to be borrowed and enter the quantity of the equipment.
7. If not, the application will notify the user when the material will be available again
8. Let the user click “done” and return to previous page to click on other materials.
9. Automatically update the equipment inventory.
10. let the user save first or submit the form.
11. The system must be able to display who the lab assistant on duty.
12. The user can request to replace the borrowed equipment.
13. When the user applied for a request, the application will show a message with the list of materials borrowed, date borrowed, and the due date of materials should be returned.
14. When the equipment is being returned, the user must be able to make checks and remarks in the system regarding the state of the equipment.
15. The system should have entry status date for borrowing and returning of the materials.
16. Notify the user if the equipment is available/unavailable.
17. The program must have database of the borrower and its equipment borrowed.