Criterion E: Evaluation

Evaluating the product

Criteria	Met or Not	Description
1. An input that allows the user to fill in their names, email addresses, form tutor when borrowing an item.	Met	There are text fields in the screen for borrowing for the students to fill in the details.
2. Program will provide a list of items that can be borrowed and display its total stock.	Met	There is a table containing a list of the equipment and its information displayed in a separate screen.
3. Program will be able to send an email to alert the borrower to return the item.	Partially Met	The teacher is able to enter the target's email and an alert will be sent, but it can be change to send an email automatically to the target's email when the return date is today in future development.
4. Program must be able to have a login/register interface.	Met	The program initiate with a functional login/register screen.
5. Program must be able to let the user borrow an item and then save a record of it.	Met	The user is able to select the desired item, fill in their details and click borrow which the program then saves all the relevant information into the database, which is call upon and display in the Borrowed List table in the history screen.
6. Program must include appropriate dates and time (school days and break/lunch time) for the user to choose when to return the item.	Met	There is an option to choose to return it at break or lunch, along with a calendar for the user to select their desired return date.
7. Program must be able to send an email to the student when they borrow an item.	Met	An email is sent to the entered email after the user go back to the dashboard after borrowing an item.

Recommendations for Further Development and Extensibility

The client is satisfied with the final program. The adjustment during the developing process had been made according to feedback when possible before the final product. The user interface is easy to use and the visual is on point without any need to add any further adjustments. After the client received training and test the program we had a conversation on how to further develop and modify the program. According to the feedback received, following enhancements could be made:

- At first she only wanted to be able to alert students through email directly from the program. However, after using the program, not only does she wants to be able to send an email herself to the student but also for it to be able to have an automated system for sending email to alert the students to return the borrowed equipment since she can be busy sometimes and cannot check the borrowed list regularly.
- At first the client wanted to just send a default email to save time but after using it, she wants to have an option to edit contents of the emails sent to the students instead of a pre-written message as she might want to add some personal touch or extra details that she wants to remind the students which can be more convenient for her.
- Separate teacher and student interface: according to the client, having a separate interface can make the program easier to use as the teacher only need to manage the equipment and the students should not have permission to add new equipment to the list. The teacher's account can have a privilege to be able to see all of the screens while the students can only see the equipment list, borrow and return items.
- The client wants to be able to delete the equipment from the equipment list directly from the program as there are items that are no longer available after an amount of time, and also, since mistakes can be made and errors can be made when inputting information about the item, she wants a function to remove the equipment with the wrong information from the list and to be able to edit the information as well.

Word count: 370