

Criterion E: Evaluation

Meeting the Success Criteria:

The success criteria were revised and confirmed by the client in **Appendix B**. I requested Ms. D to evaluate my product based on the testing plan in Criterion B and provide additional comments in **Appendix C**.

Test #	Success Criteria	Summary and Client's Comments
1	SC1: Verify accessible display of shed items as a table or list	Achieved: The users can access the catalogue Client: Easy access to the catalogue from landing page.
2		Achieved: Pagination and scrollbar function with many items. Client: Fast loading. Pagination removed the need for prologued scrolling.
3	SC2: Verify the ability for item creation, including the ability to specify each component of an item (name, location, status and tags)	Achieved: Normal data created an item as expected. Abnormal data was rejected with an alert. Client: Having invalid locations rejected prevents accidental inputs.
4		Achieved: All specific abnormal inputs raised appropriate error messages. Client: Error messages help users fill the form out correctly.
5	SC3: verify that each item has a product page which details the location of the item in a dynamic map	Achieved: All items have a respective item page with correct information. Invalid IDs redirect users to the catalogue Client: None
6		Achieved: Map highlights the correct location. Client: The map is a useful visual aid for users unacquainted with the shed.

7	SC4: The website should resize and adapt depending on whether it is on tablet, mobile, and desktop	Achieved: All text is visible and all buttons work across all required devices. Client: No loading or access issues on my phone.
8	SC5: Verify that items can be added, removed, or edited in real-time.	Partially Achieved: Deletion works as intended. Editing functionality is lacking. Client: An edit button would be appreciated.
9	SC6: The website should have data persistence and real-time updates on data	Achieved: All edits were saved, even after refreshing the page. Client: All of my items were saved! No issues here.
10	SC7: The website should include additional data for borrowed items, such as the lender's information.	Achieved: Descriptions made using tags instead of a text box. Client: I think that is an adequate replacement.
11	SC8: The website should have an authentication method that only allows authorized users to access editing permissions for the database	Achieved: Login page successfully restricted unauthenticated users. Incorrect credentials raised an appropriate alert. Client: The admin account worked as intended.
12	SC9: Different viewing and filtering options should be available based on tags and labels using a search bar	Achieved: Sorting and filtering function. Non-existent queries display appropriate message. Client: Search bar was super useful for finding specific props.
13	SC10: Verify that the interface has clearly labeled buttons	Achieved: All interactable buttons have a tooltip/label. Client: Would be useful to have a label for color picker.
14	SC11: Verify that items are able to be checked into and out of the system.	Achieved: Check in/out toggled item state and button text. Client: None
15	SC12: Verify that custom and default tags are able to be created.	Achieved: Quick add and custom tags work as intended with character limit.

		Client: None
16	SC13: Verify the logging functionality and accuracy.	Achieved: Logs only created after confirmation. All data is accurate to Japan Standard Time. Client: Would definitely use this the next time something is lost.
Overall: The client stated that the system significantly improves the organisation of props. The client was satisfied with the product and even advocated for its implementation in the musical teams (Appendix C).		

Recommendations for future improvement:

The client and I also discussed some additional expansions to the product in **Appendix D**.

Below are *unimplemented but possible features*.

Multi-account registration system

Creating accounts, even ones linked to Google Accounts, would provide higher integrity for logs. It would also allow for custom usage permissions for different members and scalability for future users.

Multi-item checkout system

Like a shopping website, the props can be added to a list or cart and checked out in one step, saving considerable time.

Images for products

To mitigate wasted time finding an undesired item, preview images can be uploaded onto the website. These images can be featured on the product page, allowing for better visualization of the item, saving needless trips to the shed.

Improved item edit system

Items can be edited directly on the product pages, providing a smoother user experience. This allows for locations to be changed visually through the interactive map rather than guessing location IDs.

Word count: 500 (excluding titles, success criteria, test numbers, and repeated labels (ex "Feedback:").