

Appendix A: First interview with Ms. D

Me:

My first question is, what are the specific demands of a storage management system in the context of it being used by students and teachers?

Ms D:

Keeping everything where it belongs, figuring out what to toss, what to keep. So, you'd want a way to label what certain things are. Like, if this needs to get thrown out, or this needs to be kept.

Me:

So you want a way to label what you need to do with those items, right?

Ms D:

Yeah, yeah, yeah, yeah.

Me:

In terms of the location of certain items, how do you think it would be best to communicate where certain items are located?

Ms D:

Having labels or IDs to specify the location, or maybe even some kind of shed map, you know? Like, this is where these things go. Suitcases take up a huge chunk, so suitcases and bags and things like that all go here. Also, Ms. B (censored for privacy) has been looking for the flowers she lent us for the past year. (**Me:** Really?) Yeah... so to avoid things like that, you could maybe even indicate that an item is borrowed so that it doesn't get put in long-term storage, you know?

Me:

Okay I see.

Ms D:

What I was more thinking about was a sort of website like google sheets that also has elements of a shopping site. Do you know what I mean?

Me:

Hmmm, I'm not sure.

Ms D:

Like all props having their own page with their location and labels and a map location on them.

Me:

Ooh I see.

Me:

What are some other problems you can foresee during the productions, when people are actively taking items in and out?

Ms D:

Hmmm.. I will have you warn you that since you are making a website instead of a simple spreadsheet, you should definitely consider how to make it as easy as possible to use. Because if people find the website too complex or unintuitive, they won't use it.

Me:

Okay I see... Do you have any other suggestions in terms of functionality?

Ms D:

Not right now, but I will write some stuff down and we can meet again some other time?

Me:

Oh yeah, totally. I will also start filling out my planning document, so I would love to hear your feedback if you have any, when I am done of course.

Ms D:

Fine by me!

Me:

Well, thank you very much for speaking with me.

Ms D:

Great! Thank you for doing this.

Appendix B: Second interview to revise success criteria

Me:

So I made a quick mockup of the potential criteria for the website and was wondering if you could review and let me know if anything should be changed

Ms. D:

Yes of course.

(Success criteria shown)

Ms. D:

I am good with what is there so far, but I was also thinking that, I guess that it becomes a little confusing you know, knowing which department has taken out items from the shed. Like, sets and props usually don't communicate with each other when things are taken out, so it could be useful to see who or when a certain item was taken out. I feel as though having more of that kind of accountability could prevent situations with like, the flowers (referring to Ms. B).

Me:

So, would a logging system that tells people who took out what prop and when would be a good idea?

Ms D:

Also, we want people to be able to see all the props, but we only want people with additional permissions to be able to add, delete, and check items out.

Me:

Hmmm. So you would want the checking out and editing functionality to only be done by the leaders?

Ms D:

Yeah, like how certain google accounts being able to edit, view, and comment on docs.

Me:

Okay, I could try that.

Ms D:

I'm also not super sure if this is a concern at all because you're making a website, but I would definitely like it if the site could work on both a phone and a computer. I probably won't be carrying my pc around outside, you know. So if I could quickly glance down at my phone just to check a prop's location, that would be cool.

Me:

So, I should probably add another criteria that focuses on accessibility across devices too?

Ms D:

Yes definitely.

Me:

Okay, anything else?

Ms. D:

I think that was basically all I had written down since last time. If you have any more questions, please let me know.

Me:

Great! Okay. Would it be fine if I sent you some of the designs just to see if you're okay with them?

Ms D:

Yep! Go ahead.

Appendix C: Client Testing of Success Criteria

The client was sent the testing plan to verify if the product fulfilled the success criteria. Below is a screenshot of the PDF that she sent back.

Comments for evaluation of Criteria

Page Access (👍)

Was able to access the Catalogue. The table is fully visible and easy to read.

Page Loading and Accessibility (👍)

It loaded quick, but that might be because of the fast school Wi-Fi. All text is readable. Scroll bar works. No comments for this.

Item Creation (OK)

It doesn't let me keep the name and location empty, as intended. Only valid locations were accepted. I did not notice that you could change the color of the tags though. That could be clearer.

Data persistence (👍)

All of my edits were saved! The loading animation is also cool.

Removing and Editing (❌)

I could delete items, but I could not edit them. There didn't seem to be an edit button...

Specific Abnormal Inputs (👍)

All the test cases were rejected. If that was intended, then this is good. I noticed that there was a character limit for the location, which is good.

Page Access and Accuracy (👍)

All of the information for pre-existing props were accurate. When I changed the link, I got a warning and then it opened the catalogue page again. Good enough.

Dynamic Map (👍)

The location was correct for the map. Very neat!

Device-Accessibility

Worked fine on my phone. I don't have a tablet so you should test that on your own.

Additional Borrower Description (👍)

Rather than a description, it seems as though you want me to use the tags for additional info. I think that is an adequate replacement.

Login System (👍)

The credentials you entered gave worked. Kind of weird that there is only one account, though.

Filtering Options (👍)

The search bar was super useful. Nothing to say here!

Sorting Options (👍)

Sorting worked as expected. I only checked briefly but the sorting seemed to be accurate.

Button Label (OK)

All buttons had proper labelling except for the tags color picker (as I explained earlier).

Checking In/Out System (👍)

Checking out and checking in was intuitive. Asking to enter their name is good, but if you had more accounts, you could just use the account name right?

Tag Creation (OK)

Quick Add worked. As I already explained, changing the color was unclear.

Logs Functionality (👍)

The logs were easy to understand. Very useful for when I need to find out who took something out. Good!

Overall:

This definitely exceeded all of my expectations. I was anxious at first that I had requested too many features, but it is clear that most, if not all of the important criteria were fulfilled. I would definitely be comfortable implementing this system (even in its current form) and introducing it to all of the musical members, so that we can start organizing our sheds digitally ASAP.

Appendix D: Client email regarding improvements

Improvements for the Shed Storage Website

Inbox x



Mon, Mar 2, 4:40 PM (2 days ago)



Dear Ms. D [REDACTED],

I hope this email finds you well.

Firstly, thank you very much for responding to my email and filling out the evaluation form for my success criteria.

For the last part of my IA, I was wondering if you had any feedback for additional features of expansions of additional features. You mentioned in the evaluation that you wanted more accounts to be linked to the site. Could we turn that into an expansion?

Again, thank you very much in advance for all your help.

Kind regards,



6:02 PM (3 minutes ago)



to me ▾

Hi [REDACTED],

Thank you for your email.

In terms of feedback, I definitely think that you need to make the editing process easier. At its current state, items can be edited, but they need to be deleted first, which is not great. If you could edit items from their item page, that would be even better.

For the accounts, I think that if you could log into the website using Google, it would be super easy for us to set up permissions for certain Google account groups. For example, your props team would have "props team privileges" that only let them check items in or out. Teacher supervisors like Ms. B [REDACTED] could have more permissions to add and delete items. With this, you could also make the logs automatic, because you wouldn't need the user to write down their name.

You mentioned a check-out system to me the other day, which I think is an amazing idea. Anything to make organising props feel smoother and faster.

One more thing, I think that we need to add pictures to all of the props, because usually descriptions aren't enough to know exactly how a prop looks. I've gone to the shed so many times looking for bricks just to find styrofoam bricks, so a picture would be very appreciated.

Thank you for deciding to go forward with this project. I truly think that this could help us a lot in the future.

