

Criterion A: Initial consultation

Date: June 7th, 2018

Developer: Samuel Engel

Secondary teacher: Chris Woodcock

00:00:00

Me

If you could just state your formal job title.

00:00:07

Mr. Woodcock

OK. Secondary Teacher.

00:00:10

Me

Yeah, I mean it's like an outdoor activity coordinator or something as well?

00:00:16

Mr. Woodcock

Exactly, the official.. I mean it's just a secondary design teacher. Outdoor education teacher.

00:00:23

Me

Okay so what is the problem that I could help you design a solution for?

00:00:27

Mr. Woodcock

So what we're looking for is having some kind of interactive, guided, indoor -- trying to think of the words -- it's it's something where students can.. new students to the school can..

00:01:03

Mr. Woodcock

It's some kind of interactive trail around the school which students can use to follow the way.

00:01:21

Me

So that would be the secondary classrooms or would it be the primary as well?

00:01:29

Mr. Woodcock

It's everywhere in a school really, isn't it and I guess it's kind of open areas like the canteen...

00:01:37

Me

So just the main..

00:01:38

Mr. Woodcock

The aula, the science block, administration, where you find people like that. You know, it's some way of guiding new students around so they know where these places are in the school.

00:01:53

Me

Okay, what would be the target audience? What do you think, because then new students that come to...

00:01:59

Mr. Woodcock

It would be new students and we maybe need to just keep it down to secondary students rather than making it too broad. Unless it's possible to have it without too much problems but I don't want to make things too broad or too open. So maybe you just keep it secondary students being able to find their way around the school.

00:02:19

Me

Ok so you said something on a mobile device or?

00:02:27

Mr. Woodcock

That probably, because using the Macbooks where you are trying to walk around.

00:02:32

Me

Right. Right.

00:02:33

Mr. Woodcock

That's going to be a little bit cumbersome. So maybe, maybe if we were to give it as a mobile device, Ipad or something we would give out.

00:02:44

Me

Right because they can...

00:02:46

Mr. Woodcock

Yeah we have iPads so we could loan out an Ipad to a new student and then they can use that to navigate around the school. Yeah.

00:02:55

Me

Right.

00:02:57

Mr. Woodcock

And using some kind of interface, some kind of app, whereby students can navigate themselves around. Now you can locate yourself within the school using maybe QR code or something similar.

00:03:09

Me

All right. So just some kind of way to register the different rooms within the...

00:03:18

Mr. Woodcock

It's a way of saying where you are the moment, being able to see on the map the visual representation of where you actually are.

00:03:27

Me

So it will probably be like like a plan of our school like the layout of the school buildings and then there would be the points where each classroom would be and they could see what's where and when they would actually go to the specific classroom they would see some more information about the room. So they come to the cafeteria and they can, you know..

00:03:49

Mr. Woodcock

Exactly

00:03:50

Me

See the cafeteria is here you can load your card wherever or you can..

00:03:56

Mr. Woodcock

Yeah. Yeah exactly. That's right. Yeah that's that's it. So we actually have like ... I mean you know I've got a file that I can pass on to you. Right. Which is an actual the actual plans of the school.

00:04:14

Me

Oh well that would be great.

00:04:16

Mr. Woodcock

It is an illustrator file. All right. So that's already up and running. Essentially what you would need to do is just find some way of overlaying that map with the relevant information and then linking that to a QR code, if that makes sense right. You know maybe outside each room is a QR code they can scan and then they can see on the map. Right. That's where I am. Okay. might be a step too far to interact between the two. I'm not sure if it is. I mean it's called augmented reality..

00:04:52

Me

I was actually thinking about it, I could do something with that but I mean what what is there to..

00:05:01

Mr. Woodcock

Well the augmented reality part would just come in the fact that you scan it and then the location would show itself on the map and their information you've talked about would then be available to them right now. Say okay this is where you are. This is the information for that if it is possible to link those things together.

00:05:21

Me

Yeah I was thinking that if you are looking through the camera and it scans the code to it. The information would pop up while you are still seeing the exact thing. Yeah I'll definitely look into that. Yeah. So if you're limited to only a secondary students I guess then it's just the secondary portion of the school.

00:05:42

Mr. Woodcock

Yeah the B block corridors, you've got maths department, humanities and you've got up here the robotics lab or whatever is going to be for library and downstairs you have cafeterias, science blocks admin and yeah. And I think that should be sufficient. Oh and I block.

00:06:06

Me

How detailed should it be. Should it be just the I block or the different parts of I block like, this is the German class and this is the English class? Probably changes right.

00:06:19

Mr. Woodcock

I would suggest for keeping this at manageable level is to have this is just the main areas.

00:06:28

Me

Yeah.

00:06:30

Mr. Woodcock

Would you want to go so far as as you know labeling every class or would you want to just keep it down. I would suggest you keep it manageable.

00:06:38

Me

I mean we will see how it goes and then we can always add more on later.

00:06:42

Mr. Woodcock

The I block is just the languages and music right. That's it isn't it. Exactly yes the languages and music and that's all students need to know.. and sports halls as well. So you know it's quite an extensive range. I would suggest thinking about it more. Definitely keep it down secondary because we've got far too much to start from primary. You might keep it secondary for the time being and it can be something advanced in the future. Right. So yeah. Admin, sciences, the main things in A Block, I Block sports halls.

00:07:32

Mr. Woodcock

So yeah. And so there would be some kind of app could be locally hosted.

00:07:38

Me

Right like a local website..

00:07:43

Mr. Woodcock

Or we could just based it on the cloud through our google account. OK. Because I know Google for example they do QR code generation so we can do that through Google and host it. There. That's another option. Google sites as well. ... That's right it might be something to look into as well.

00:08:13

Me

Yeah I can look into it. Yeah.

00:08:17

Mr. Woodcock

So I mean some kind of app.

00:08:19

Me

since it's going to be indoors, all of the points will have Internet connections, anyway, so that's a big plus for that.

00:08:27

Mr. Woodcock

Yeah you got complete Wi-Fi coverage wherever you are. Yeah..

00:08:36

Me

So how big are the Ipads that the school has is there.

00:08:40

Mr. Woodcock

There is no one size.

00:08:43

Me

Does it have a name. It's the Ipad .. whatever number.

00:08:47

Mr. Woodcock

It will have a number.

00:08:49

Me

I mean I can look into that as well.

00:08:52

Mr. Woodcock

Mr. Periam and all the guys in the tech are going to know or miss Johnson.

00:08:58

Me

I mean are those the same Ipads that are used in the PE as well. Because the PE department also has..

00:09:04

Mr. Woodcock

Yeah. I don't know the answer. OK. Not sure if that's the same.

00:09:24

Me

But yeah I mean I could also use some pictures. I saw on the website the top view or even from Google streets.

00:09:34

Mr. Woodcock

Yeah. You could use that. They are very limited though when you get it. ... You can turn off layers you don't need and you can keep layers you do. It's really useful.

00:10:07

Me

Are there any the other specifications of the product that you might.. Is there something it has to have?

00:10:22

Mr. Woodcock

Something it needs, to be fairly simple and intuitive to use interface. Yeah I think that's it. Let say it's aimed for a secondary audience. Students from grade 6 to 12. And it needs to guide them around the school in some kind of augmented reality way.

00:10:41

Me

How much information should there be for each room. Should it be just the basics, this is the room.

00:10:48

Mr. Woodcock

Yeah doesn't need to be the very specific, just the basic spiel so you know, this is the aula, this is where we might come to have assemblies and meetings that you know this is the library it's open from these hours to these our you come and check it out. That's it the head of the library Mr. Moses

00:11:07

Me

Or names. But you know when there's a change in the teachers then it will need to be there.

00:11:14

Mr. Woodcock

That most definitely in the extra stuff. Right. So that's as much as I can think of.

Original interview: Documentation/initial_interview.mp3