

TRANSCRIPT OF INITIAL CLIENT MEETING

COMPUTER SCIENCE LEARNING CENTER WEBSITE PROJECT

CRINGE CODERS TEAM

AUSTIN BAILEY
MYA BELL
LINDSEY LANGDON
NOLAN "OG" GREGORY

TRANSCRIPT OF INITIAL CLIENT MEETING FOR THE
COMPUTER SCIENCE LEARNING CENTER WEBSITE PROJECT

DR. HARVEY SIY; COLLEGE IS&T
UNIVERSITY OF NEBRASKA - OMAHA
CAPSTONE COURSE
SEPTEMBER 7TH, 2023

Nolan So this is Austin.

Austin Hi.

Kyle Nice to meet you

Nolan And Maya.

Kyle Okay, Nice meet you.

Nolan I think they both you took cs1 in Java, right? Okay.

Kyle Okay.

Austin Yeah. Also I'm old guard.

Kyle Did you take cs2 and grab with them as well?

Austin Yeah, I started in 2018.

Kyle Okay.

Austin So i i've been here a minute

Kyle may or may not have had me for CS2 then depending on

Austin Um, i don't, no, i took a cs2 in the summer so i had So the guy teaches theory of Comp.

Austin, Kyle Solheim.

Austin Yeah, I had him because I decided to do calc 3 and java 2 in the summer compressed.

Kyle Yeah. But, Yeah, because i yeah, i was doing cs2 the online section of cs2 for A while when i was in java.

Austin Was that during COVID or?

Kyle Yes. During COVID as well.

Austin Okay, Because I I was here 2018 to 19 and then 19 to 20 activity gap year, a lot and then I came back to COVID but I had already finished up pretty much all the The low level cores.

Kyle Yeah, I don't know. Do you want it closed or not? I don't know if you're recording, if it's going to screw with sound or something

Austin it shouldn't And it doesn't have to be perfect

Nolan Leave it cracked because I don't know how people, you know, everyone else reacts to sound traveling. Don't want to step on any of your professor's toes.

Kyle So yeah, awesome. Um I know that i think they got in contact with you the previous group, but yeah, what the code base looks like

Nolan Yep. So they used flask and pretty much just flask for everything. Um, just fine. So i looked at a probably going to reuse all their model, like their database diagrams that they have But we're going to use a different ORM.

We're gonna use Django instead Just so that can plug in with any I guess the database structure that you choose. Uh, whether that be like mysql or postgres or anything like that, And then, We're going to use react also, so that like whenever we have a component change or something like that, like if a student submit a ticket we don't have to refresh the page. So it's all like Loaded dynamically.

Kyle Okay

Nolan Just because that's kind of annoying. Whatever. I was working with the tutoring center. You always had. Like, I remember I downloaded a chrome extension. That's like an auto refresher like every five seconds or something. Just get the students.

Kyle Oh Okay

Nolan They're like submitted a ticket but it didn't pop up or something like that. Um, and then because that was something that Clim and Clayton, Clayton? Yeah, yeah. That was what they wanted to do that but they ran out of time because they said that, they Something happened where they weren't able to start development until the end of march.

Kyle Yeah, so there was an issue with originally we had we didn't have a hosting solution

Nolan okay?

Kyle So our first thought was trying to host it on the UNO community page. Which doesn't allow python for some reason. You can do it. The thing like, is set up to do it. But like UNO, specifically doesn't allow python for it.

Nolan What do they prefer

Kyle PHP.

Nolan Seriously? In 2023?

Kyle So so they were they were like looking into that as a potential option to do like a lamp stack and PHP. Um, but then decided that that was just called That was just a bit too much. So we pivoted at the last minute and tried to find other hosting solutions, I do think O have a hosting solution now.

Nolan Cool.

Kyle Which is the good news, I haven't super logged on to it much. But I was just looking at that information.

Nolan Uhm

Kyle So, there is A new domain here. I'm just compiling kind of a list of notes of things. Um, That'll be cscl.unmaha.edu, so like there should be a domain created and everything

Nolan okay

Kyle I will have access to it. So you had mentioned like late november. Part of this will be to help deploy it. So I have access to that so we can like meet and set up a time to actually deploy.

Austin It's just a working session for an hour or two?

Kyle Essentially. Yeah, just to get it up and running and then from there, you can only do your testing on it. If things need to change, then it should be easier for me to do redeploys the second time after i, like go through the first time. So

Nolan cool. Yeah we can help set up like a integration or something just so that it's easier to deploy if something happens or something needs to change the code base or something. Its just a quick little thing push it and it just automatically.

Kyle Yeah. I like the script essentially again. Cool, that sounds great. Um, so yeah, i think that that will be part of the the goals i guess is because i know i know you had mentioned like late, november?

Nolan that's, Yeah. it's like ideal

Kyle if that's the if that works. Um, And then they have some documentation. I don't know how much more documentation we'll need to be added, of course, with this, which to django, there will be somethings Um, Because i, i, All of the set up documentation as well. Should be updated then. To be django.

Nolan Yeah. Like to build stuff.

Austin It'll mostly just be translating it from

Kyle basically. Yeah

Nolan that's a big part of this is basically just making it jump over from flask to django to Django. So that's easier.

Kyle Um yeah there is one thing i don't i didn't get to look too much at their reporting piece because that was one thing that i had talked to them about and asked about and they they had showed it off a little bit but didn't fully look into it. There is a format that i would prefer because i have a program on my end, that does an analysis. Of the report file and like, spits out things for me.

Nolan You want it as a CSV or a JSON or something?

Kyle Yeah, i take it in as a CSV,

Nolan okay?

Kyle And I have like, the specific. Fields. That i'm kind of looking for like we, we can add more fields, that's perfectly fine. Um –

Nolan but it's like a base

Kyle but that'd be a base of like what i'm looking for in that report. Um, and then if we add anything else, probably best at the end, just i'm thinking backwards compatibility-wise for my analysis program. So don't have to change too much myself.

Nolan Um, so like an advent panel sort of thing.

Kyle Yeah, yeah. So there should be an admin panel that set up in there and then there should be a way to generate a report. Um, i don't remember if they set up like Over certain times that you can generate it or for certain classes, i'm not certain.

Nolan It could be pretty. I mean doing it for a certain things. Like you could like filter it but things that would be pretty easy to do. That was one of the things that I worked on previously, actually. So,

Kyle So so yeah, so that's kind of the That's I guess the first goal and I don't know if we wanted to to meet up. Maybe sometime around fall break. Just to kind of see where you were at, as well.

Nolan Yeah, when it's fall break is that

Austin it's like October 18th or something?

Kyle yeah, like 16

Austin october.

Nolan Yeah, i'm trying to remember when the First milestone is okay. So i think it's around that time now, october something,

Austin I mean, in all honesty, I'm not too concerned with the capstone's milestones. I'm more so concerned with Incremental progression the end state which i don't think will have an issue with scopes.

Kyle Yeah. And that would be six weeks as well. So that's that's a decent amount of time. Just to at least, you know, Start work on it but also like have an idea of it so that we can talk more about it on like what exact expectations will be

Nolan okay.

Kyle But um, Yeah, definitely. Like if you want to switch over to Django, get react up. That'd be great.

Nolan Yeah. Is there like, i mean, if that seems too com – not complex, but anything that's like out of the, ordinary.

Kyle I I think that should work because there is already a code base, it's just shifting the framework, and then adding a little bit on top. I think that'll be fine. Get the reports working and, like, to to the set standard because I don't know if they quite match the standard with their report that I would prefer, okay? And then, Uh getting the deploy set up.

Nolan Okay?

Nolan So that that that really are the main takeaways that i'd like from this.

Nolan Yeah, that's um, easy, right? Easy. But that'll be, yeah. Fun to do.

Kyle And then so like if we want to meet around like that week after fall break or something, Like so that'd be six weeks. Um, so we could chat.

Nolan Okay, let me throw it out little thing here. So don't forget so that week after fall break

Kyle or the week of fall but would whichever whichever Sometime around that ever. Yeah, sometime mid october. Um, And then maybe. Is it, is it due? The eighth is that when Like due date is for the capstone.

Nolan Oh, the final report? Yeah, it's sometime around the eighth of July, something like that.

Austin Yeah, the cyber capstone is the eighth or at least that's when they do the presentation,

Nolan i think. Mya i think, oh, yeah, the eighth, Mya i put it on the check at the Jira board here. So yeah

Austin I know for the cyber one. They they actually start winding down about the 24th of november because then you go into Um,

Kyle thanksgiving.

Austin Yeah, thanksgiving and then you have dead week.

Nolan Yeah. That i would want it to be live like the last week of november at the latest just so that we could test it and see if there's any bugs.

Austin If we can get it live before thanksgiving, then that just gives us kind of three weeks. Of –

Kyle yeah

Austin bug fixing UI/UX

Kyle that was kind of my thoughts. So either either that week before, thanksgiving, or the week of like the first few days of that, um, i think would work. And then, yeah, because always, after thanksgiving, there's a week of class dead week, finals week, and that dead week is when the The final milestones are due, so, If we can get it done before thanksgiving, then you can have that last week of like class after Thanksgiving to Actually, do testing and, and milestone checking and all that correct.

Nolan And then, if i set up like a little test, like a production environment, like, do you know what type of database this we'll use or does it?

Kyle I'm guessing it's my sequel. I don't quite remember, i'm pretty sure they have it in the documentation which one they used as well.

Nolan Okay, oh yeah.

Kyle But i would, i would guess

Nolan I think that they used mySQL. Also.

Austin I mean, that's what they teach. So

Kyle It's it's what should be on all the things? Um, and then, i don't know if you want to set up like a discord group for, if you have another way that you're communicating,

Nolan yeah, we have one Clim was saying that they had one with you last semester. Um, if you want, we could just do that one. Also, if you already have that or

Kyle oh, if you want to join that.

Nolan Yeah. Because he was saying, like, it's just so that you don't have a million different chats all the time. Other things. Doesn't matter to us and we have a discord chat. We could add you to it. Or

Kyle whichever one, you're more comfortable with because if you still want to have one without me, that's that's fine. Okay.

Nolan Like we could

Kyle I encourage you to not always have to bring me into the conversation.

Nolan Yeah, we could do it. Like the way that tutoring one's set up where it's just like you have the one channel, like an advisor channel or something like,

Kyle oh, you have like a, you have like a server?

Nolan Oh yeah, we have a server.

Kyle Oh, yeah. Yeah. If you want to do it that way. That's easy. Okay. So sorry they had a group chat.

Nolan Yeah, i actually a group, would be better because i want to clog out your left side screen with another server because that happens about this – every class.

Austin Don't you group yours at all?

Nolan No, i just

Kyle oh, i do some grouping. I have like a

Nolan i don't even know that

Kyle you know, everything folder

Austin like i have. Like my UNO ones. I like my friends, social ones and gaming and like one tab and yeah, i'll just like minimize them and then i have like three things over there.

Nolan I didn't know that i'll have to do that because

Austin you're looking all cluttered over there bud.

Nolan Yeah, this isn't even my this is just my like one of my personal discords

Kyle I just have the one that i use for everything.

Nolan I got scared, i didn't want to like have my personal one, be linked to school stuff and then accidentally send like a meme and like a school server or something. I don't know.

Austin Are you saying your memes are too spicy?

Nolan Maybe, i don't know.

Austin I don't believe you.

Nolan Uh, okay, so cool. That's a That's good, like starting.

Kyle Well and then and then i can send you so so once once you, you end up setting that up,

Nolan okay? Okays

Kyle Um, like the the url to use, because i know that that's something that Clim was asking for toward the end of the last semester was that he needed an actually, a URL. So, i can do that and, as well as the report Uh, Fields.

Nolan Oh yeah, that would be perfect. Just database like relationships and stuff. But yeah, voice for voice pulling stuff down. It should be pretty easy with like the relationality of the database just to like filter things to grab like Oh i want all of these professors and stuff like that, that would be pretty easy. But there was like some things i was thinking. And i don't know, like how Not ethical, but like Uh, rating system for like tutors, for example, like a student could leave, like a thing, that's kind of like In concept. It's good. But i feel like i'm practice really bad idea.

Kyle Yeah, what we've used and i don't know. I haven't checked it in a little while. But we had like a A feedback form.

Nolan Okay

Kyle not many students would go and do it. It's only if they had like a particularly bad experience is when they would do.

Nolan Yeah that seems

Kyle but um we did have a link to a feedback form. So, i mean, i could I could, we could look to that and include that. Otherwise,

Nolan it's up to you. Yeah. I was just kind of thinking of things that could be fit up at me.

Kyle Yeah, there's a few other things. Um, One that i would like that is not currently a field. But i would like to be a field is whether it was an online ticket or not. And some way of marking it as an online ticket. I think i think they did do that, but i definitely want that to be included. Um, And then i was also thinking of

Nolan We could make it like a required one too, so, it's not always like, uh, you forget them?

Kyle Yeah.

Nolan Or something like that. That would be really good.

Kyle Because then the other one that i was thinking of and this would be A lot more work. So this is very much not a requirement. Um, but if there was an easy way, a script that could run That could. Look through the course search or maybe i know that there was a group, a capstone group that did like the course scheduler for the university.

Nolan Oh, and like auto populate

Kyle auto populate for the semester because currently what happens is i go into and did it by hand. Yeah i would like look through the course search populated by hand. Okay. So if there was some way of Automating that if not like i can look into that myself in the future but

Nolan yeah we definitely could because i've written scripts before that will go through and create the like database fields and stuff but I don't know what that looks like.

Kyle Exactly.

Austin So does UNO publish it. Outside of mavlink.

Nolan Probably not. I don't think that it's going to be public data. I think it probably would have to get it from the university, maybe.

Kyle Yeah, that's, that's the question. I don't quite know.

Nolan Okay.

Kyle So that's why it's, it's not a requirement it's something to maybe think about. Would it be possible? But it's definitely not a request.

Nolan Yeah, sometimes i don't know, once we start getting the main stuff done, if we have like an extra bit of time, i can go to the registrar and ask or if you want to. You can just

Kyle yeah, i could talk to and i could also talk to Dr. C there there was a group i know. Last semester. That was doing like a computer science registrar system.

Nolan Yeah, yeah, i've seen that. I think that's what ethan did. Also, he did the schedule. Yeah, he did it with Con but they scrapped theirs. I'm guessing because they were rendering all their back end like aligning and padding and i like no, no other front end stuff was being calculated in the back end. It was very, it was very interesting setup. It was all c, sharp. So, That's okay to do, but I guess i didn't follow up with it. They had another takeover but That's a tough. That's a tough one, because they were having to write, like, genetic algorithms to, like, determine if they were, like, if this room was taken by the next best fit for the room, and i remember at the end of the semester, Ethan was almost like, i'm just, we just can't do this. Like, this is just too much for, you know, four months of work.

Nolan Yeah. So, i I don't know how possible it is, but Yeah, thatd be something id like to add making a little bit easier for you so you don't have to go through manually. Add every single professor update things, if things need to be updated.

Kyle But again, if if you don't do it, no worries. I can always try and figure something out of myself.

Nolan Okay. Um, we have to go because the class start.

Kyle Yeah, i'm sorry. Taking you right after the time.

Nolan Yeah. I'll make a chat and then, yeah.

Kyle And then i can Get back to you on in there.

Nolan Cool.

Kyle And we'll keep in touch.

Nolan Yeah

Austin perfect.

Nolan And let's schedule some time in mid october.

Kyle Awesome

Nolan Cool

Kyle Have a good rest of the day

Nolan Yeah, see you later. Yeah.