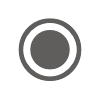
**Transcript**

24 August 2023, 07:09am

 **Yihan Liu (22696718)** started transcription

 **Dali Zheng (22850317)** 0:05  
OK，thank you。thank you。  
Now I'mg onnah eado vert OE hangt OT alka bouto urg oalsa ndo bjectives。

 **Yihan Liu (22696718)** 0:17  
Yeah now let'SL ooki ntot hep rimaryg oalsa ndo bjectiveso fo urp roject。  
Our first and foremost goal is to simplify，the double major planning process。we understand that for many students picking 2 majors can be a complex process especially we when trying to figure out which code and optional you need to take so。  
Our two is designed to automatically populate the code units for any 2 major students select furthermore our system will also identify optional units for selection to give students flexibility and choice。this way the students get a comprehensive view of their examining path and the freedom to customize it。  
And our second goal is about efficiency。there is a lot of time student spend。  
Spend every year trying to piece together their standing plans。the uni staff，also often must assist students in this process ensuring。they are on the right track，so with our tool，we aim to save time for both fresh students and our unique staff by automating。the process of creating a study plan students can quickly generate a road map for their double major journey and uni staff can allocate their time to other critical tasks。  
Lexus less play solution。  
Yeah，thank you。  
After our main goals so let'SD ivei ntoh oww e'llde fineou rpr ojectssu ccessas yo uca NSE eth isis th ESC reenshotsh ortof ou rpr ototypede moon th ele ftis th est udypl anta bledi splayingap a thit PR ovidesas t raightforwardvi ewof th eirun itch oicesan Don th eri ghton th eon th eri ghtis al I stof av ailableun itsea chma rkedwi thit sle velan dse mesterse m。  
Insurance students know when each unit is available。  
And for the interactive interactivity students can。  
Easily drag and drop units for their study plan on the left offering real time planning and a clear view of their academic path。So what does good look like？  
When students can easily navigate and plan they are double major our unique staff receives few inquiries about。  
The study plan structure because our tool provides clarity。so our measure of success is not just about creating a functional tool but crafting an intuitive user friendly experience that empowers every student to chat their academic journey with clarity and confidence，thank you。  
Yep。

 **Nishan Devkar (23762917)** 3:40  
Yep。I'llb ee xplainingo urp rioritym atrixf orn ows of Ora nm vpw hichi SM inimumv iablep roduct。  
It is just basically the core functionality that our product should have so we have created a high impact high urgency like a matrix to explain what functionality is we understood as being。  
Called to the product for now，so the first one is getting the study plan。  
In place just populate a study plan that has slots for units and double and the double major selection。  
So，which was the core problem to start with is selecting a double major and getting an algorithm in place to select。the units for those selections of the double major。  
And another core functionality would be the login function，which we have discussed before that due to the teams integration would take a lot of time，but we think a dummy page just for the login just to get the interactivity and a comprehensive complete product。it would be great to have a login page。  
Another core functionality would be automatically creating。this study plan，which would be feasible。so for a student just entering their first semester it would be good to have a study plan and example study plan to look at to start with that they can later just edit according to their convenience。  
Lastly just the data security。  
Like as a student，you would want to。  
Just。  
Have your data secured in the sense that it'SN OTA vailablet OA nyo thers tudenty ours elections。  
Yep。so this was the high impact and higher agency section of the matrix that we we think that the product should have。  
Moving on to the high impact but lower urgency，so these were some of the tasks that the product should perform。  
Like。  
Say downloading the study planner，which is a core functionality。you would want to have a physical copy。maybe of the study plan you have created ticket on a wall，but right now we think that getting the algorithm for the study plan to work is our main focus，so we have put it as a low urgency task。second is the interaction that the staff would。  
Want with the product itself，we think that again，getting。the study plan for the students is our major focus and we would be adding the section for admin to interact with the system。but it would come at a later stage。  
Next one is the drag and drop functionality。so as of right now，we think that just selecting the units from one section and populating it to the other section as we'ves hownf ort hel astp aget hatw eh anj uste xplain。  
Be sufficient and we will be adding a drag and drop functionality，but it would。  
Be incorporated，as we move further into the semester。  
Lastly for this section，we would want to use a friendly interface for the students so that they make less mistakes。while selecting their units and。  
Consequently。it would be less work for the admin team。  
Next getting to the high urgency but low impact section of this matrix，so as is now since we'llj ustd ealingw itht heb acheloro FC ommerce。  
Course there aren'TM anyu nitst op opulatei NT hat。  
Course so right now，we think the search and filter option is not that urgent。  
And it might have a low impact next is having a counter in place for counting the credits that have been selected。  
Um。for the unit？  
Again，this would be a high urgency matter，but right now it is a low impact for the product we need to get units selected first。  
Next would be the pagination of the product itself。  
Into different sections like we have made like 4 pages that I will be demonstrating in the MVP in the next slide，but yeah，right now。  
Doing more than those 4 pages is not urgent。  
Lastly。things that we。  
Didn'tc onsidera s。  
Important to be included in the core functionality is uploading an existing study planner so since we are。  
Initiating this product like。  
Is the first one we wouldn'th AVEs omethingc ompatiblew itht hep roductt hatw EA Reg oingt OC reates OT hatw ouldt akea b ito ft imes or ightn oww EA Ren OTC onsideringu ploadinga ne xistings tudyp lannern exti Sr esponsived esignj ust。  
On multiple devices we we have considered to be of some impact but as of right now，we would just be dealing with the desktop application。  
Lastly it'St hee xtensibilitya nya dditionalc hanges。  
That we would be making today，um，product would not be considered as urgent as of right now since we are dealing with the most viable product。  
So yeah，that was。  
What we understood of the product and。

 **Paul Lloyd** 10:14  
嗯。

 **Nishan Devkar (23762917)** 10:17  
Some of the core functionalities that I just visited。  
Next I'llb Ed emonstratingt hep rototypet hatw EJ ustc reated。  
Yep。so we'lls tartw itht hel oginp ageu Mt hisi SW heret hes tudentsw ille ntert heiru sern amea SL iket hes tudenti DT hef ramep assworda ndh itl ogin。  
As we hit login，we are。  
We can see that the first selection is to choose the course，so that would be a drop down of all the courses available，so for now for demonstration purposes，we have chosen the ambassador of commerce，we hit confirm and we are next go to the select major screen。so this is where the Poly majors from that particular course will be listed，so as we can see there'sa ccountingb usinessl AWS OT hes tudenth ASA no ptionh eret OS electj usto nem easure。  
Or they can select a double major out of all the options that are available we hit confirm and the next screen would be to select the units。so as as we see，the core units are already populated that are essential for this major。  
And they'Rea lsoa P arto ft hes electedu nitss ection。  
The the page where the student would be interacting with Major League would be this one where they select the unit but that are divided as per the group。  
In the in the core structure。so here as the student selects the various units the counter will increment。  
And keep a track of all the units that are to be selected and if there are more than。  
Firstly they would they wouldn'TB EA blet OS electm oret hant hec reditr equirementl ike1 44f ort heb acheloro FC ommercec ourse。  
And yeah，as they select from。  
This section，it would be populated in the selected unit section。  
Also，they have a list view and a grade view，so this is what the grid view grid view would look like and this is what the list view would look like。so once they are happy with the selection and they'veg OTA llt hec reditr equirementst heyw illh ITC onfirmw hichw ouldl eadt OT hel astb uildinga t imetablep ages o。  
Quickly there'so nek eyu nitsa res electeda ndt herea ret hey'rese einghe reth eywi llbe Co piedto th isse ctionan das yo use lectse mesterwi seit WI llbe po pulatedin Toth eti metableso as of no WWE ha veli kefo rth efo Rex ampleth eta xationun ithe rewh ichis av ailableju stfo rse mesteron eyo uwo uldbe AB Leto se lectit in 20 24se mesteron ean d20 25se mesteron eon th ispa GE。  
And for semester one and 2，you would be able to just basically put it anywhere here。  
Um。and yet，uh，as the list of you of the unit goes on，increasing you'DB EA blet of ilteri TW ithr egardst ol ikel evels inistersc Oreo RF oundationu nitsa sy oul ikes earchi ti na s earchb oxa NDI t'sea sierto ju St。  
Drag and drop it，which is the next part of the high impact low urgency section as I showed，which the student would just be able to drag and drop definisters all over this board。  
And the last。  
Thought would be sailing is saving it as an excel format or a PDF format say。but again，that would be something that we incorporate later。  
But yet that is the last page for our product。you can log out any on any of the screens and it would remember your preferences under your account。  
And yes，you can skip to any of the pages select，the majors and it all the changes would be reflected subsequently。  
Uh that'si TF ort hed emou mi g OB ackt OT hep resentationo fo URS lides。  
Handing it over to hayu to explain the simple architecture that we have implemented。

 **Haoyu Li (23731411)** 15:16  
嗯。  
Yeah，so there are now 2 options architectures of them have the same user user experience。  
After the user logging into。  
The system, and they can choose majors and the back end will get the units and logic from the database and give the unit back to the front end.  
And the the user to units and the back end will check if the units are valid.  
And finally.  
Today, after all, users, all units are children and the front end will generate a report for the user.  
The only difference between these two architectures is if the system is real time system.  
And if we make a real time system every time the user changed their choice.  
And.  
Yeah. And the farm then will send the data to back end and.  
And and.  
The user will get get the information of the. If the unit is valid.  
Is valid immediately and if if.  
The unity is valid valid.  
The data will immediately save into the database.  
And the advantage of the real time system is that.  
And as I just said, the user can immediately know if the unit is is valid.  
And.  
Another advantage is that if the the process of the user crashes for some reason, the data will not load.  
However, real time system has also has some disadvantages.  
Uh, the.  
11 is that the communication between front end and back end will be very frequent.  
And much data will be sent between them.  
Yeah, that will give pressure.  
That pressure to the system.  
Can and next next page please.

 **Nishan Devkar (23762917)** 18:08  
Yeah.

 **Haoyu Li (23731411)** 18:09  
Thank you. And here are some technologies we will we may use in the system.  
And including 14 framework and back and and the right side are the technologies we may use in for the two architecture.  
Yeah.  
Same here.

 **Nishan Devkar (23762917)** 18:38  
Yep.  
Text Sarah Pan to explain the database architecture.

 **Pan Yeung Lee (23600879)** 18:45  
Yes, for the database design we need at the beginning we have graph database and relational database. But consider the familiar with.  
The students we decided to use the relational database so at the right corner that is the basic structure in this stage are the relational database and we clean the data as a tuple and use two and forced to be the philtre as a core or prerogative corequisite and also interpretability for this stage since different.  
Subject is.  
May not be the core to different.  
Degree. So in this stage we only specific to those.  
Degree related to the Excel file that cause is a subject is a core so that we give it a true and otherwise they that will be a force. And besides, for the future development of the product the data also split into top host of send message here location and teaching mode to become a philtre function. Maybe the future development and that is the database design.

 **Nishan Devkar (23762917)** 20:06  
Ohh.  
Thanks man.  
Ohh.  
Moving on to the road map Dali, could you explain the road map to us?

 **Maryam Vettoor** 20:29  
You are unmute, tally.

 **Dali Zheng (22850317)** 20:33  
Sorry, sorry. I was talking to myself.  
Yeah, but I think it the road map.  
Um.  
Illustrated talk then we have planned, um, that we the task we need to come complete um for this project. And so another diving too much detail in this as so we are now in the middle of Week 5 and we are aiming to deliver our first deliverables by the end of this week by the by the end of the week five as after we have collect feedback from UR then probably we're gonna do some design reiteration to.  
Um assure our product is alive with your expectation.  
And yes, you can see the there's a yellow star at the end of each the feedback session from customer, so which will be deliver a specific deliverables to to to to like. I identify as our like deliverable as our as the outcome. So yeah. So yeah that's pretty much from May 40 rock man as we'll be sharing this type pad to you all and if you're interested you can.  
Have a little bit of look and being in further. Yeah. So there will bring us to the end of for this demo. And if you have any questions and yeah.  
Um, yeah. Open. I'm open to uh to question to.  
In the group.

 **Paul Lloyd** 22:09  
Well, feel better. Mary, do you want to go first?

 **Feba Chacko** 22:17  
Um.  
Um, one simple one that doesn't. You can accommodate easily is the overload so students are allowed to take overload with approval from from the relevant star, but they can take Overlord now.  
You don't. In saying that you don't necessarily need to add a, you don't need to allocate a unit into the fifth option, because it's up to the student only the student gets an approval prior he gets he or she gets to allocated, taken an additional unit during the summer step. So you still yeah, location is based on 4 units per semester.  
However, the option to add another unit at the student's discretion.  
It's something that maybe you you can think about in your design stage.  
Um, yeah.

 **Dali Zheng (22850317)** 23:21  
Yep. Thank you. Yeah, that's a really good point.

 **Maryam Vettoor** 23:26  
I also had one question when you were showing your demo, if it's possible for you to bring your back if it's not too hard and the place that we check for prerequisites of the student or like meet the prerequisite or not, I didn't quite get it where you or how you gonna show that.  
How does validation works in that?  
Place.

 **Nishan Devkar (23762917)** 23:56  
So am I on the right page that you are talking about?

 **Maryam Vettoor** 23:59  
Yes, this page or the next one, one of these ones, if I don't know which one, which state you do the validation of the prerequisite.

 **Nishan Devkar (23762917)** 24:08  
Yeah. So it would basically be on this page.  
So.  
For the prerequisite.  
This is where all the logics will be implemented and at the back end.  
So if there are any prerequisites for, say, for taxation.  
There would be a prompt that says like there are a certain prerequisites and you need to select those units first.  
Just on this page.

 **Maryam Vettoor** 24:40  
All right. OK.  
Then would it become as I change or select a units?  
Or like when I press the confirm button, the message will show up.

 **Nishan Devkar (23762917)** 24:58  
So.  
So like there would be a modal opened like a separate box.  
Then there would be a confirmation from the student that.  
They have already done this unit.

 **Maryam Vettoor** 25:13  
Ohh.  
Ohh thank you.  
Ohh.

 **Paul Lloyd** 25:17  
Something I think you need to be aware of there is that prerequisite can be quite complex.

 **Nishan Devkar (23762917)** 25:26  
Yeah.

 **Paul Lloyd** 25:26  
So it isn't always just have you done this unit? Yes or no. It can be choosing a number of units from a group of units that can be several requirements linked by hands and ORS.  
And just occasionally, they can be prerequisite to that, don't relate to other units at all.  
Um, they might relate to enrollment in a unit set like a major and now and then they can be other unlikely things like some of the medical units require students to have current vaccinations certificates.

 **Dali Zheng (22850317)** 26:04  
OK.

 **Paul Lloyd** 26:06  
I mean that last one is probably a bit out of scope for this system, but certainly.  
The permutations of units that make up some prerequisites.  
Would be relevant.

 **Dali Zheng (22850317)** 26:19  
Yep, we'll be looking into that.  
Yeah.

 **Paul Lloyd** 26:23  
I think in the Beacon majors you might find a a few examples. They don't. They don't have any of them, really complex ones, but they do have some that are more than just another unit.

 **Dali Zheng (22850317)** 26:37  
OK, so let's multiple peer requisitions.

 **Paul Lloyd** 26:40  
Hmm.

 **Dali Zheng (22850317)** 26:42  
Right.

 **Paul Lloyd** 26:42  
And often sometimes multiple ways to satisfy them, so it might be you must have done A or B.

 **Dali Zheng (22850317)** 26:47  
Hmm.  
Right.  
Ohh, that's really great feedback. Thank you so much Paul.  
OK, so um in terms of the um, the UI design.  
I'm there thing it is intuitive for users to navigate or do you have any feedback on the UI?

 **Paul Lloyd** 27:22  
I think it is intuitive.  
No, I think it works well. I did just glance at that group when you first shared it where it says students should take 4 units in in your example.  
Um, I wondered if there was some way to highlight the fact that the student has not yet chosen for units.

 **Dali Zheng (22850317)** 27:51  
Hmm.

 **Paul Lloyd** 27:55  
Not quite sure what the best way to do that would be. Then some sort of running tally or.

 **Dali Zheng (22850317)** 28:07  
Yeah, that's true. We should take 4 units.  
Like ohh this.

 **Paul Lloyd** 28:11  
I mean, numbers will obviously vary, but you can see on the screen there that the student has so far chosen 24.

 **Dali Zheng (22850317)** 28:19  
Right.

 **Paul Lloyd** 28:21  
Whether we are they know whether you could highlight it by having some say that that text at the top appear in red until they've chosen for and then change to green on you maybe not that exactly but something.

 **Dali Zheng (22850317)** 28:28  
Hmm.  
You.  
Yeah.  
Yeah, that's yeah, that's definitely best. That's definitely something when I'm looking into it as well as, yeah, the moment user wouldn't know.

 **Paul Lloyd** 28:46  
Hmm.

 **Dali Zheng (22850317)** 28:50  
And if we allow them to select then.  
Yeah, that's.  
Not a best practise, right? Yeah. Thank you.  
Okay.

 **Maryam Vettoor** 29:08  
Sorry, other point just was thinking of us. You were explaining this if the validation of prerequisite happens and this stage I was just thinking when we go to the next stage user still can add you units and how would you check those the prerequisite of those units that user add at this stage?

 **Yihan Liu (22696718)** 29:08  
Sorry.

 **Paul Lloyd** 29:19  
And.

 **Maryam Vettoor** 29:29  
Via drag and drop.  
Ohh, maybe I I think I I know like I I find out my the answer to my question because you only allow the list that is selected from previous page for user to select from this page. OK you don't you will not allowing user to select any units at this stage you know.

 **Nishan Devkar (23762917)** 29:45  
Yeah, yeah.

 **Dali Zheng (22850317)** 29:45  
The.  
No, no, no. Yeah.

 **Nishan Devkar (23762917)** 29:50  
No.

 **Paul Lloyd** 29:50  
Yeah, there is still a question there though, Mary, because.  
Given the Eve restricted to the list selected on the previous page, the order of the unit still determined whether prerequisites are met or not.

 **Maryam Vettoor** 30:06  
Ohh yes, that's correct. Yeah, you're right, Paul.

 **Paul Lloyd** 30:10  
And so, you know, if you took, say, a CCT, two to 01 and dragged it around so that it was before 1101, even though the prerequisites in the list, you wouldn't be satisfying it because of the order.

 **Maryam Vettoor** 30:11  
And.  
Hmm.  
Hmm.  
Put points yes.

 **Dali Zheng (22850317)** 30:27  
Hmm.  
Yeah.

 **Feba Chacko** 30:32  
That also like if in case of electives and all that will make it difficult, right? You have to.  
Selected beforehand to come here and allocate it as well.

 **Dali Zheng (22850317)** 30:49  
Yeah.  
That's right.  
Yeah, I guess we would still need to do some refinement of the logic then.

 **Paul Lloyd** 31:12  
I once saw, though I don't know how feasible this easing, it would lengthen your screen layout. What about in instead of having?  
These two on separate screens have them as two elements of one page.  
So you can select units in the top half of the page. They then appear available to be fitted into the grid.

 **Dali Zheng (22850317)** 31:35  
Yep.

 **Paul Lloyd** 31:40  
Um.  
And the prerequisite validation could take both things into account.

 **Dali Zheng (22850317)** 31:44  
Yeah.  
I guess that's feasible.

 **Paul Lloyd** 31:55  
Ohh, one other rather more mundane thought. The button that you've got there that says build timetable.  
I would suggest it ought to say build study plan.  
Because the timetables usually taken to mean your timetable, as in counting 1101 lecture 10:00 AM Monday.

 **Dali Zheng (22850317)** 32:17  
Yep.

 **Nishan Devkar (23762917)** 32:18  
Yeah.

 **Dali Zheng (22850317)** 32:20  
Go pick up.  
Yeah. Thank you all for this for this very, very valuable feedback. Um, I guess we will need to have another discussion to see how we're gonna incorporate this and definitely gonna do a bit more work on the logic refinement.

 **Paul Lloyd** 32:49  
I think with that thought about putting things all on one page.  
I mean that to be a possible solution. I'm not saying it's necessarily the only.  
Solution. So if you think of a better way of doing it, by all means go down that path.

 **Dali Zheng (22850317)** 33:01  
Ohh.  
Yeah, yeah, yeah. Yeah. Well.  
Yep. Is there any questions UM from the team?

 **Paul Lloyd** 33:24  
That's when I I.

 **Dali Zheng (22850317)** 33:28  
OK. If there's no questions and.

 **Paul Lloyd** 33:32  
Ohh I would just sum up by saying you made a lot of progress and it is taking shape very well.

 **Dali Zheng (22850317)** 33:39  
And thank you. Thank you, Paul.

 **Paul Lloyd** 33:41  
We look forward to seeing the next steps.

 **Dali Zheng (22850317)** 33:45  
Yeah, yeah, yeah. This there was a lot of work for us to do and we will try to figure out how we're gonna.

 **Nishan Devkar (23762917)** 33:46  
Sure.

 **Dali Zheng (22850317)** 33:56  
Satisfied the the prerequisite um requirement as I do see, there's a lot of there's some sort of degrees of complexity in the prerequisite as what we have estimated so far. So yeah, I think you're really, really appreciate it for your feedback. And yeah, we are gonna send the the send the link to this prototype also along with the slide pack to all of you and we will keep in touch.

 **Paul Lloyd** 34:10  
Hmm.

 **Dali Zheng (22850317)** 34:29  
Yep, thanks.

 **Paul Lloyd** 34:29  
Yeah. We look forward to seeing the next steps.

 **Dali Zheng (22850317)** 34:32  
Yep. Thank you.  
Thanks everyone for join us today and yeah, have a great afternoon.

 **Feba Chacko** 34:42  
Thank you.

 **Maryam Vettoor** 34:44  
Thank you.

 **Paul Lloyd** 34:44  
Thank you.

 **Nishan Devkar (23762917)** 34:44  
Thank you. Thanks everyone.

 **Feba Chacko** 34:45  
Thank you so much. Thank you.

 **Dali Zheng (22850317)** 34:47  
Yeah.

 **Paul Lloyd** 34:47  
Thanks everyone I.

 **Dali Zheng (22850317)** 34:49  
Thanks.

 **Nishan Devkar (23762917)** 34:49  
Yeah.

 **Paul Lloyd** 34:53  
See you.

 **Dali Zheng (22850317)** left the meeting

 **Feba Chacko** left the meeting

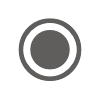
 **Paul Lloyd** left the meeting

 **Haoyu Li (23731411)** left the meeting

 **Yihan Liu (22696718)** left the meeting

 **Nishan Devkar (23762917)** left the meeting

 **Pan Yeung Lee (23600879)** left the meeting

 **Yihan Liu (22696718)** stopped transcription