



Matthew Obirek &lt;matthewobirek@gmail.com&gt;

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**COSC 499 Project - PrairieLearn**3 messages

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**Lawrence, Ramon** <ramon.lawrence@ubc.ca>

Wed, May 24, 2023 at 6:38 PM

To: "matthewobirek@gmail.com" <matthewobirek@gmail.com>, "skyler@thealdersons.org" <skyler@thealdersons.org>, "Andrei\_Zipis@hotmail.com" <Andrei\_Zipis@hotmail.com>, "nishant.srinivasan236@gmail.com" <nishant.srinivasan236@gmail.com>

Cc: "Lawrence, Ramon" <ramon.lawrence@ubc.ca>

Hi,

As mentioned during the meeting, the key goal is to implement on PrairieLearn relational algebra and SQL questions with automatic marking and generation. This will require skills in Python, HTML, and JavaScript.

I have booked the Wednesday 12 p.m. meeting time when possible. Note that I have a conflict next week so if you want to meet next week we would need to reschedule for Friday at 12 p.m. or just send me an email update with any questions you have.

**Resources:**

- COSC 304 labs (first three are the important ones): [https://github.com/rlawrenc/cosc\\_304/blob/main/README.md](https://github.com/rlawrenc/cosc_304/blob/main/README.md)
- Previous COSC 499 team that built ER/UML Question: [https://github.com/rlawrenc/2022\\_COSC499\\_AutoER](https://github.com/rlawrenc/2022_COSC499_AutoER)
- Fork of PrairieLearn open source code (may also retrieve latest version directly from their site): <https://github.com/rlawrenc/PrairieLearn>
- SQL and other PrairieLearn questions from University of Illinois: <https://github.com/rlawrenc/CS411PrairieLearn>

I have granted your team members access to these repositories.

Your first step for development would be setting up your development environments and following directions to run PrairieLearn locally on your computers using Docker. Then, take a look at the code for building the UML question (past 499 group) and examples from Illinois.

This project will have a major impact on student learning and reducing costs. I look forward to working with you during the summer.

**Dr. Ramon Lawrence**

Academic Director for the Centre for Teaching and Learning

Professor, Computer Science

Irving K. Barber Faculty of Science | ASC 349  
The University of British Columbia | Okanagan Campus  
[3187 University Way | Kelowna BC | V1V 1V7 Canada](#)

Phone 250 807 9390

ramon.lawrence@ubc.ca | <https://cmps-people.ok.ubc.ca/rlawrenc/>

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**Matthew Obirek** <matthewobirek@gmail.com>  
To: "Lawrence, Ramon" <ramon.lawrence@ubc.ca>

Wed, May 24, 2023 at 8:39 PM

Hi Dr Lawrence

Thank you for inviting us to the repos. We will review what you sent us and what we discussed during our meeting and go from there.

Friday June 2nd at 12 noon works great for us!

We all are excited to delve into this project with you.

Kind regards,  
Matthew Obirek (he/him)

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**Lawrence, Ramon** <ramon.lawrence@ubc.ca>  
To: Matthew Obirek <matthewobirek@gmail.com>

Wed, May 24, 2023 at 8:49 PM

I have put Fri, June 2<sup>nd</sup> at noon in my calendar then.

**Dr. Ramon Lawrence**

Academic Director for the Centre for Teaching and Learning

Professor, Computer Science

Irving K. Barber Faculty of Science | ASC 349  
The University of British Columbia | Okanagan Campus  
[3187 University Way](#) | Kelowna BC | V1V 1V7 Canada  
Phone 250 807 9390  
[ramon.lawrence@ubc.ca](mailto:ramon.lawrence@ubc.ca) | <https://cmps-people.ok.ubc.ca/rlawrenc/>



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**From:** Matthew Obirek <[matthewobirek@gmail.com](mailto:matthewobirek@gmail.com)>  
**Sent:** May 24, 2023 8:39 PM  
**To:** Lawrence, Ramon <[ramon.lawrence@ubc.ca](mailto:ramon.lawrence@ubc.ca)>  
**Subject:** Re: COSC 499 Project - PrairieLearn

**[CAUTION: Non-UBC Email]**

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