

The “I”-Team

of only Jason...

Hi, I am a computer science student.

My project is designed with the student in mind.

It is a list to make easier of completing graded material with due dates.

The application

The app was initially designed to work with client key and secret pair. That is why there is a login screen. There is also a page to handle logins. That is not being used in this app stage. Some code is written to collect on those data if those credentials are available. I do have some interest to make this app whole and maybe publish it.

For the meantime, the client information is typed and read from the Canvas website. Any account holder is able to use the app in this development stage by rewriting the code.

If I press the login button, I am immediately given the data from Canvas. The data is made into a list that is showing incomplete assignments if there is a due date and if it is released. Due dates and lock dates are included. The list is ordered by due date. Refreshing the list is also easy with only a pull on the list. Another feature is notifications. When I received assignments, I make also make a notification for them. If the assignment is not found complete, a notification is sent to tell the user that the assignment due date is near. Currently, the only time is one hour before the due date. We can adjust this in the settings with more work. In the settings, you can disable or enable the notifications feature. If you don't want any notifications, you may tap the remove notifications row. Notifications are not reset unless data is requested for another time. I've styled the app, but that is also needing some work. Work is missing to make the app more robust, but it is working as expected with normal cases. There are no tests on the app, and there are more features that are not present to include.



UBCCANVASTODO

now

Assignment Reminder

Wow! You have only less than an hour until your Canvas API Hackathon 🤖 Final Submission assignment is due. Was this planned?

CPSC 312 101 Functional and Logic Programming - Assignment 4
due on 2018-11-01 23:59:59-07:00 - locked on <>

remove notifications

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15:21

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logout

Canvas TODO list

settings

Canvas API Hackathon 🤖 - Quiz Not Available Yet
due on 2018-10-28 15:00:00-07:00 - locked on 2018-10-29 23:59:59-07:00

Canvas API Hackathon 🤖 - This Discussion is Graded
due on 2018-10-28 15:00:00-07:00 - locked on 2018-10-29 23:59:59-07:00

Canvas API Hackathon 🤖 - Final Submission
due on 2018-10-28 15:45:59-07:00 - locked on <>

Canvas API Hackathon 🤖 - Quiz 3
due on 2018-10-31 23:59:59-07:00 - locked on <>

CPSC 312 101 Functional and Logic Programming - Assignment 4
due on 2018-11-01 23:59:59-07:00 - locked on <>

remove notifications

Challenges

I did not look at lots of the api, but I did find some problems with what was read. The assignment data is with a "has_submitted_submissions" that I thought to use to know if the assignment is complete. On the contrary, the field is 1 when my assignment was only released and no submission is made. I did not yet find a replacement field. If the problem is fixed, I expect more data to populate the app table.

Todo data is only assignments, quizzes, and graded discussions that are with a due date and available to the student. I am able to pull these data.

I made a GitHub page for more information. I would like to be contacted if there is chance to use client Id and secret pair to complete the app. I would like to publish it to the App Store. I do think that it is a supportive difference in my experience with using the Canvas platform to managing education material between teachers, students, and alumni.

**My contact information is jasonsychau@gmail.com.
My github username is jasonsychau. You can find the project page
from there.**

...thanks for your patience!