



# Task2Calendar: Simplify Your Task Management

Clip your homework to calendar with a simple click

Chrome Extension Developed by  
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**TEAM DORA-POCKET**  
**Like Doraemon's Pocket: We Have ALL You Need**



# Why do we need a chrome extension like Task2Calendar?

CIT 5910

Assignments

Homework 1

Homework 2

Homework 3

Homework 4

Homework 5

Homework 6

Final Project

Calendar

Course Policies

Recitations

Schedule

Staff

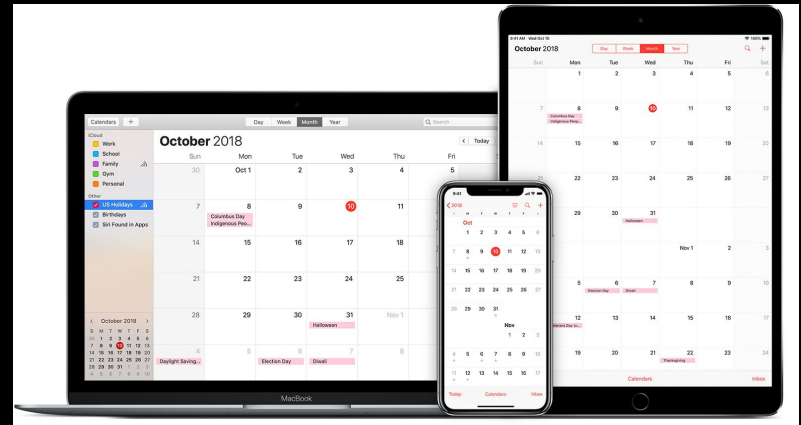
Assignments / Homework 1

**DUE: 11:59 pm on Monday, September 18**

Question 1

Type in and run the following program:

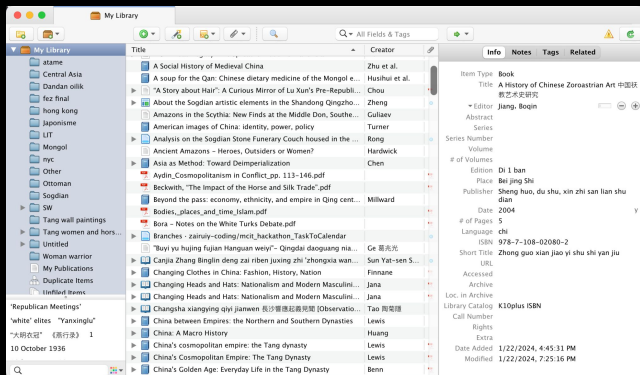
```
public class DialogViewer {  
    public static void main(String[] args) {  
        Scanner s = new Scanner(System.in);  
        System.out.println("What's your favorite food?");  
        String name = s.nextLine();  
        System.out.println(name);  
    }  
}
```



# Our Inspiration

**Zotero → clip academic research into bibliography**

**Task2Calendar → clip academic assignments into calendar**





## Install the Zotero Connector for Chrome

Zotero Connectors allow you to save to Zotero directly from your web browser.

# Boost Your Productivity

That's why need Task2Calendar!

It is:

- **simple**      - **easy to use**
- **light**       - **no need to deploy**
- **powerful**   - **calendar automation**



Task2Calendar

Clip Current Page

Export to Calendar

## hw01

Course: CIT 5940

Due: February 07 @ 11:59PM

Note:

<https://www.cis.upenn.edu/~cit5940/...>

Edit

Delete

## hw02

Course: CIT 591

Due: Jan 31 11:59 PM

Note:

<https://upenn.github.io/cit591-21fa-sj...>

Edit

Delete

## hw05

Course: CIT 5910



# Live Demo Time!

- **MCIT student**
- **MCIT course**
- **MCIT tool !!**

[CIT 591: Course Website](#)

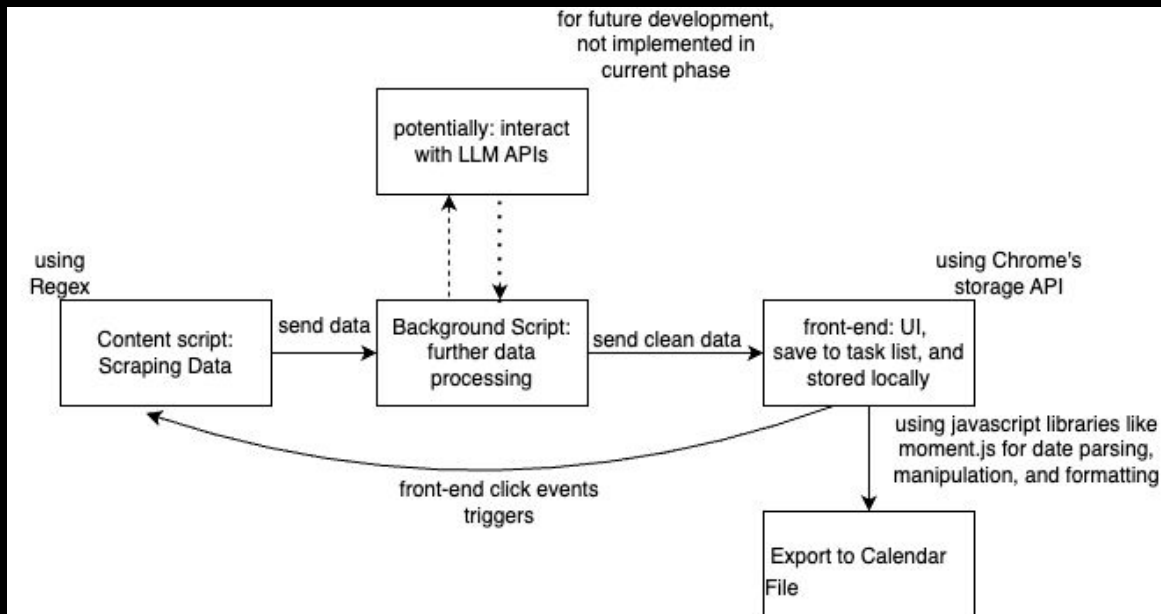
[CIT594: Course Website](#)

[CIT595: Course website](#)

[CIT596: Canvas Page](#)

# Technical Overview

- Architecture Flowchart:



- Technologies Used:

- **JavaScript**
- **Chrome APIs**
- **Frameworks**
  - **Moment.js**
  - **Moment-Timezone**

# Technical Highlights

- **Regex Design:**
  - strategy for scraping relevant data
  - captures various date formats
- **Data Storage:**
  - the use of Chrome's storage API for data persistence.
- **Conversion to ICS Format:**
  - the use of Moment.js for standardizing formats for calendar integration.





# Limitations & Future Improvement

## Text Parsing Evolution: From Regex to LLMs in Task2Calendar

- **Use of Regex in Task2Calendar**
  - **Strengths: A practical choice**
  - **Limitations**
- **Future use of LLMs**
  - **Strengths**
  - **Limitations**



# Data Sustainability

- **Local Storage of Data**
- **User Control Over Data**
- **Privacy Considerations**



**Thank you for your listening**  
**Add Task2Calendar to your Chrome Today!**



Presented by Team Dora-Pocket: Hao, Zairui, Vera