

02-Change Device Location

INT221 Integrated Project 2022

Rationale

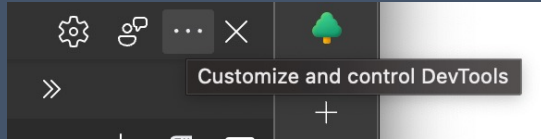
- To ensure that the developers do not 'HARD CODE' timezone information, and calculate for the time offset, we should test the system with different location other than Asia/Bangkok.

Sensors Dev Tool

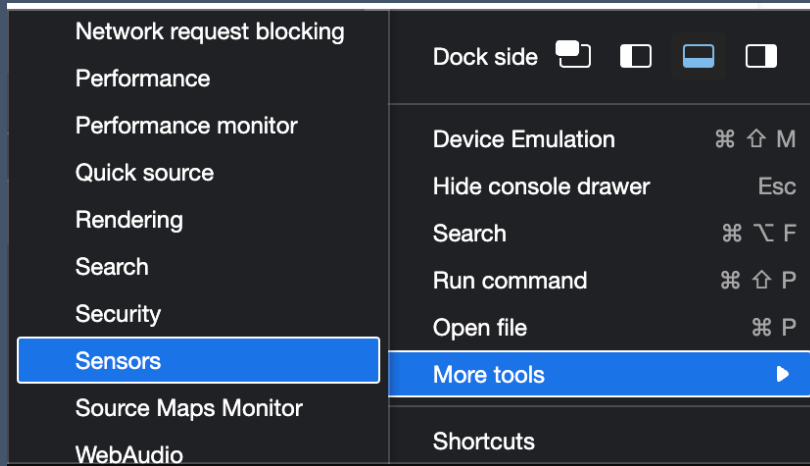
- Allow developers to manually change device sensors: Location, Orientation,
- Available on Google Chrome / MS Edge.
- As of now, Apple Safari has not support (yet.)

How to Open Sensors Dev Tool

1. Open web inspector
2. Click on '...' on the right side of the inspector's menu bar.



3. Click 'More tools' then select 'Sensors'



Default Timezone

The screenshot shows the 'SIT Announcement System (SAS)' web application. The browser address bar indicates the URL is `intproj22.sit.kmutt.ac.th/sp1/admin/announcement`. The page title is 'SIT Announcement System (SAS)'. Below the title, a message states 'Date/Time shown in Timezone: Asia/Bangkok', with 'Asia/Bangkok' highlighted by a red box. A table lists announcements with columns: No., Title, Category, Publish Date, Close Date, Display, and Action. The first row shows an announcement titled 'กิจกรรมพี่อ้อย พี่ผด On Tour 2566' with a publish date of '19 Apr 2023, 6:00' and a close date of '8 May 2023, 18:00', both of which are highlighted by a red box. The bottom of the image shows the browser's developer tools with the 'Sensors' panel open, displaying a 'Location' dropdown menu set to 'No override', also highlighted by a red box.

SAS-SIT Announcement System

Not Secure | intproj22.sit.kmutt.ac.th/sp1/admin/announcement

SIT Announcement System (SAS)

Date/Time shown in Timezone: Asia/Bangkok

No.	Title	Category	Publish Date	Close Date	Display	Action
1	กิจกรรมพี่อ้อย พี่ผด On Tour 2566	ทั่วไป	19 Apr 2023, 6:00	8 May 2023, 18:00	Y	<button>view</button>

Elements Console Sources Performance Memory Network Application Security

<!DOCTYPE html>
<html lang="en">

html body div#app div.min-h-screen

Styles Computed Layout

Filter :hov .cls

Console Issues Sensors

Location No override Manage

0 Latitude

0 Longitude

San Francisco Timezone

SAS-SIT Announcement System

← → ↻ ⚠ Not Secure | intproj22.sit.kmutt.ac.th/sp1/admin/announcement

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Date/Time shown in Timezone: **America/Los_Angeles**

No.	Title	Category	Publish Date	Close Date	Display	Action
1	กิจกรรมพี่อ้อย พี่จอด On Tour 2566	ทั่วไป	18 Apr 2023, 16:00	8 May 2023, 4:00	Y	<button>view</button>
2	แนวปฏิบัติการสอบออนไลน์ พ.ศ. 2565	ทั่วไป	26 Jan 2023, 15:00	-	Y	<button>view</button>

Welcome

Elements

Console

Sources

Performance

Memory

Network

Application

Security

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Styles

Computed

Layout

Filter

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Console

Issues

Sensors

+

Location

San Francisco

Manage

37.774929

Latitude

-122.419416

Longitude

Need to refresh the page to see the change