

# Portfolio

## Willie Chang

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## AUS McGill Website

This website is based on WordPress and its design has been done from scratch. Its numerous features, such as AUS Calendar, Locker Rental System, AUS Community (an online bulletin board for clubs and services), and more makes it a one-stop shop for Arts students for everything AUS. Lastly, the mobile site is lightweight and designed with touch in mind, with a flat interface common on most mobile platforms.

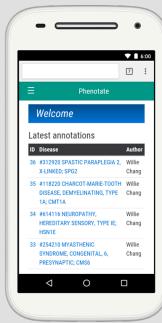
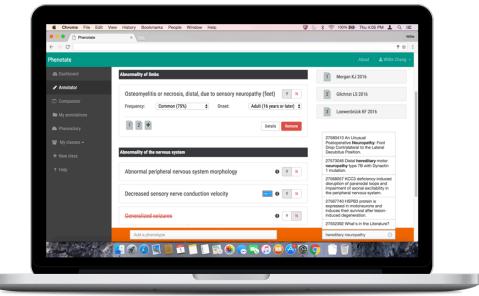
The website has since been redesigned by my successor. Please find the archived site at <http://yearbooklabs.com/aus/>



# Phenotate

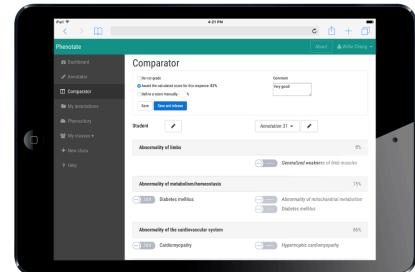
Together, we will build a curated library of accurate, machine-readable disease annotations for differential diagnosis software.

**Create.** Rapidly annotate diseases with phenotypes from the Human Phenotype Ontology. Specify attributes such as frequency, onset, severity, and more. Drag and drop references to cite your annotations with ease.



**Publish.** Publish your completed annotations to the Phenosity, a repository of disease annotations created by researchers. View, recommend, and build off of annotations created by others.

**Crowdsource.** Create exercises consisting of diseases for your students to annotate. Evaluate their responses using automated comparisons against published annotations. Help us build a library of annotations by letting your students work on diseases that currently do not have published annotations.



# Yearbook Labs

## MeteoWear



MeteoWear lets you view the current weather in your location and two other cities of your choice. Plus, get detailed hourly forecasts up to 48 hours from now and daily forecasts for the week ahead. View information on wind, precipitation, pressure, humidity, visibility, dew point, sunrise and sunset times, and moon phase.

<http://yearbooklabs.com/meteowear/>



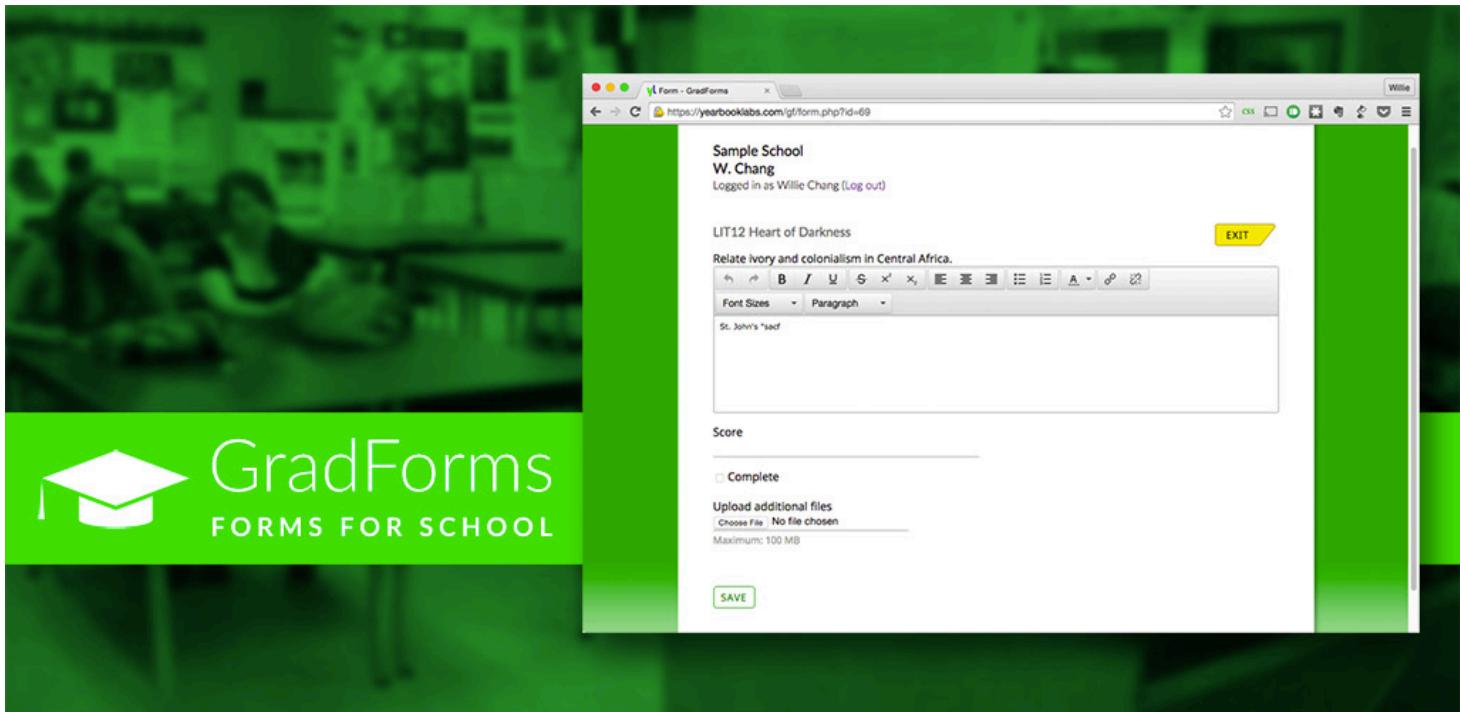
💨 25.77 km/h SW

👁 15.92 km

🌡 999.03 mbar

SA	14	☁️	9°	22°
SU	15	☁️	4°	14°
MO	16	💨	2°	12°
TU	17	☀️	5°	14°

# Yearbook Labs



### Welcome Screen

Enter the text that you would like to appear on the V

Font Sizes Paragraph

Welcome to GradForms+  
Here is where you write your essay.  
If this is your first time here, click STUDENT START on the left has not passed.

SAVE

### Parent Forms

Registration

Baby Photo

Parent Dedication

Childhood Photos

### Edit Form: Grad W

- A Instructions
- A Grad Writeup
- A Can also upload
- Upload Microsoft

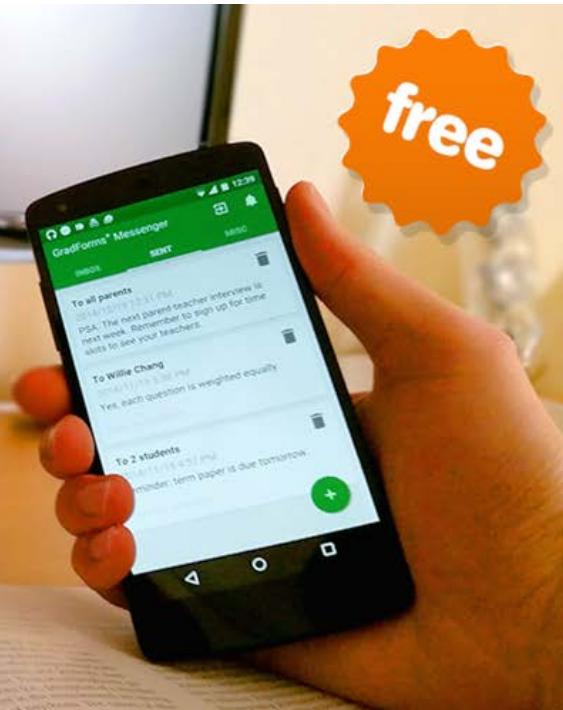
GradForms is a web-based tool for teachers to collect material from students and parents, including assignments, photos, projects, or whatever they need. It was originally designed for use by yearbook committees, but has now since expanded to fit many purposes.

<http://yearbooklabs.com/gradforms/>

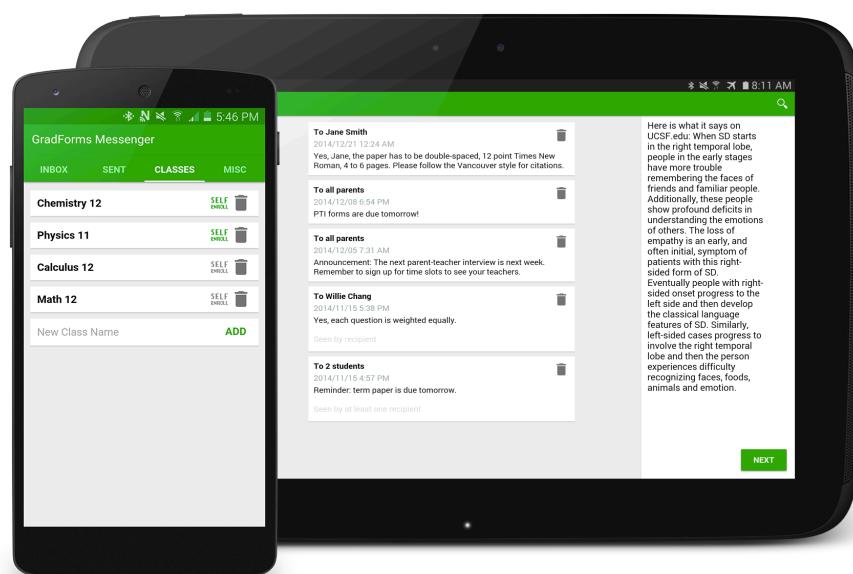
# Yearbook Labs

GradForms Messenger  
keeps you in touch with  
students and parents.

Optimized for tablets



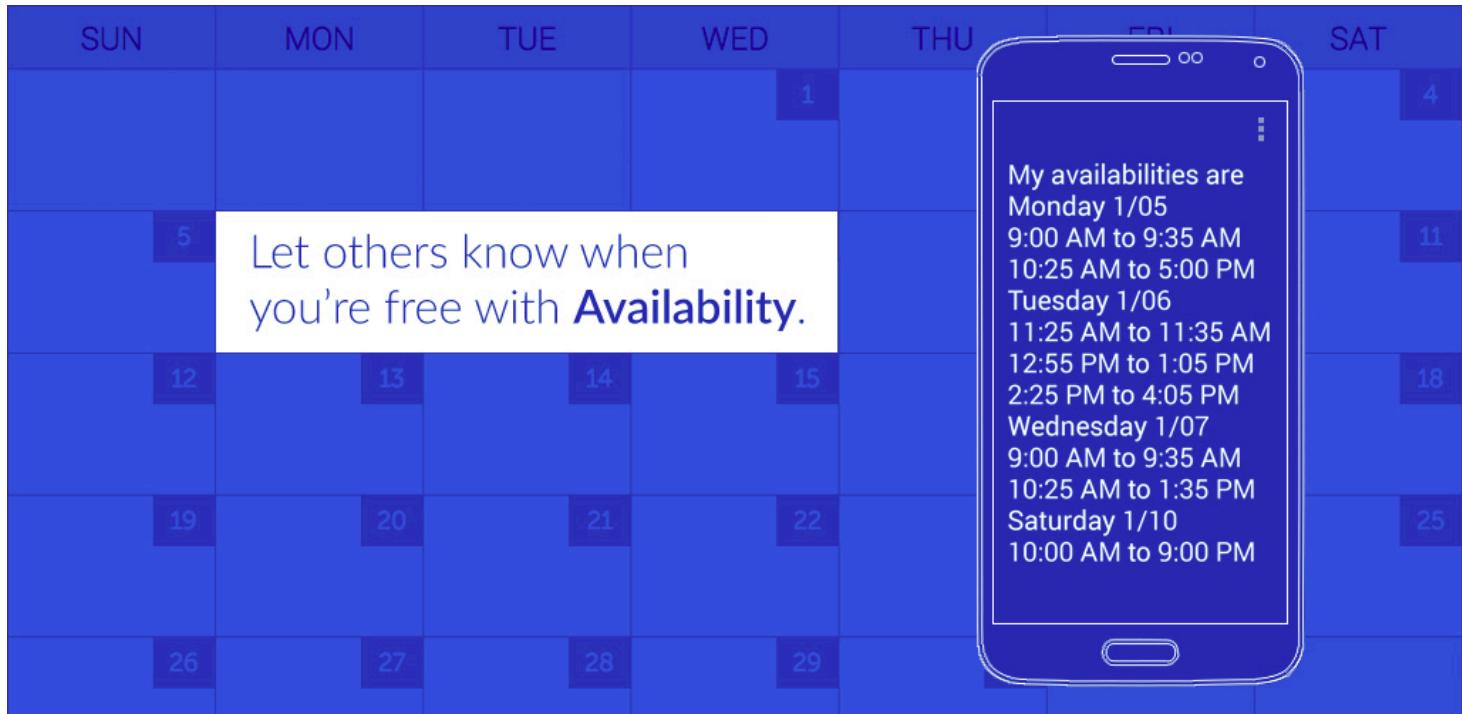
Android is a trademark of Google Inc.



GradForms Messenger is an app for Android which lets teachers communicate with students and parents via instant messaging, allowing them to free up their email inbox. Students and parents log into GradForms to check new messages.

<http://yearbooklabs.com/messenger/>

# Yearbook Labs



Get my availability  
from [January 1](#)  
to [\\_](#)

S	M	T	W	T	F	S
1	2	3				
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



My availabilities are  
Monday 1/05  
9:00 AM to 9:35 AM  
10:25 AM to 5:00 PM  
Tuesday 1/06  
11:25 AM to 11:35 AM  
12:55 PM to 1:05 PM  
2:25 PM to 4:05 PM  
Wednesday 1/07  
9:00 AM to 9:35 AM  
10:25 AM to 1:35 PM  
Saturday 1/10  
10:00 AM to 9:00 PM  
Generated by Availability for Android™.



## Working hours

S	10:00 AM	—	9:00 PM
M	9:00 AM	—	5:00 PM
T	11:00 AM	—	5:00 PM
W	9:00 AM	—	5:00 PM
T	11:00 AM	—	5:00 PM
F	9:00 AM	—	5:00 PM
S	10:00 AM	—	9:00 PM



## Calendars

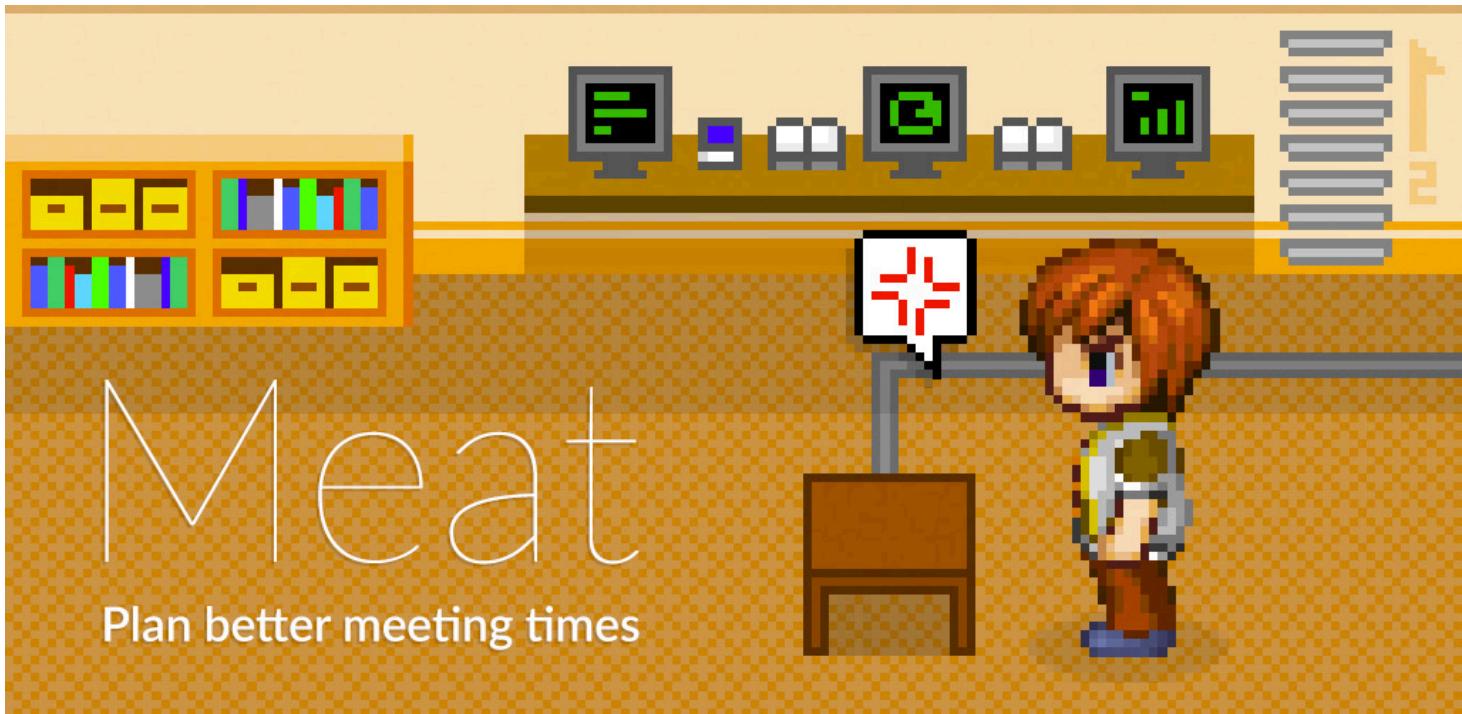
<b>Birthdays</b>
<a href="#">Ignore</a> <input type="checkbox"/> "Busy" only
<b>Calendar widget</b>
<a href="#">Auto</a> <input checked="" type="checkbox"/> "Busy" only
<b>Google Calendar</b>
<a href="#">Consider</a> <input checked="" type="checkbox"/> "Busy" only
<b>Holidays in Canada</b>
<a href="#">Ignore</a> <input type="checkbox"/> "Busy" only
<b>Holidays in United States</b>
<a href="#">Auto</a> <input type="checkbox"/> "Busy" only
<b>Schedule</b>



Availability is an app for Android that generates a list of free times based on your calendar, and permits sharing of those free times easily in long form (good for email) or short form (for texting). Most calendars that work with Android's calendar app are supported.

<http://yearbooklabs.com/availability/>

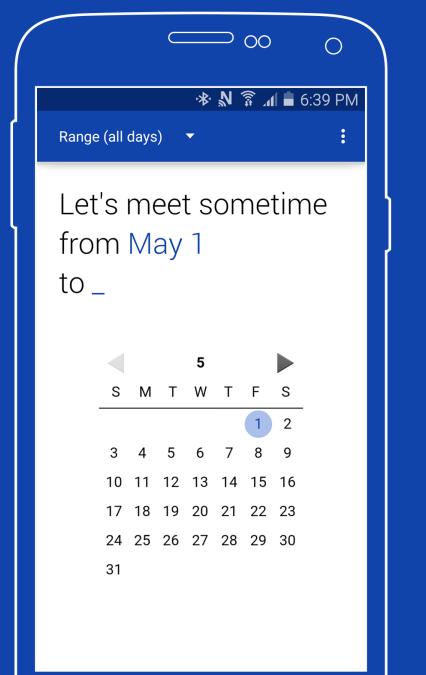
# Yearbook Labs



# Meat

Plan better meeting times

Choose the dates on which you would like to meet.

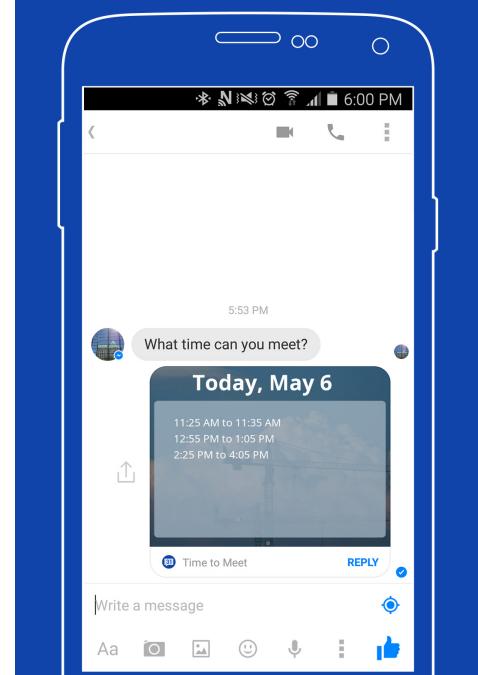


Meat is an extension of Availability, designed for people who want to plan meeting times that work for everyone. It works with your existing calendars and Facebook Messenger.

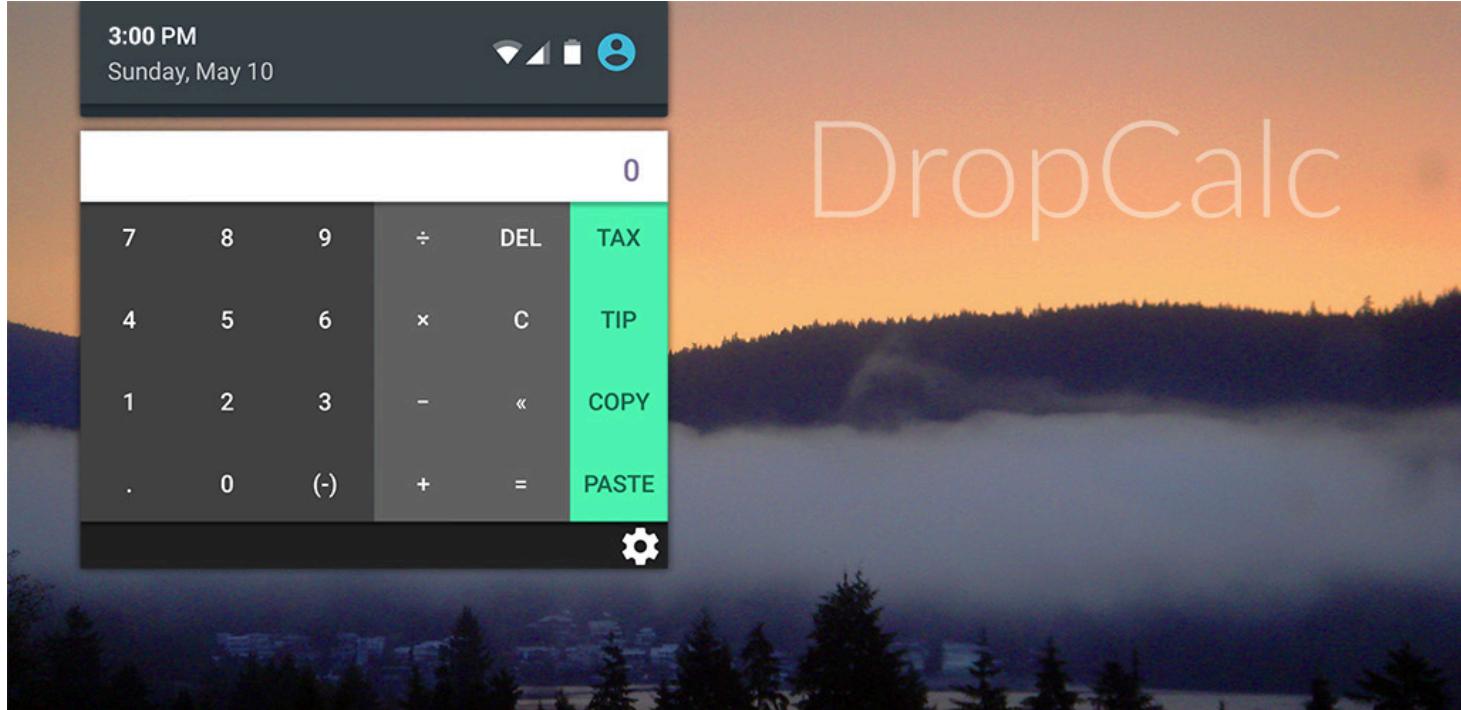
<http://yearbooklabs.com/meat/>

- 8 AM to 10 AM ★  
1
- 12 PM to 1 PM ★  
2
- 3 PM to 5 PM ★  
0

Share meeting times via Messenger with just a tap.

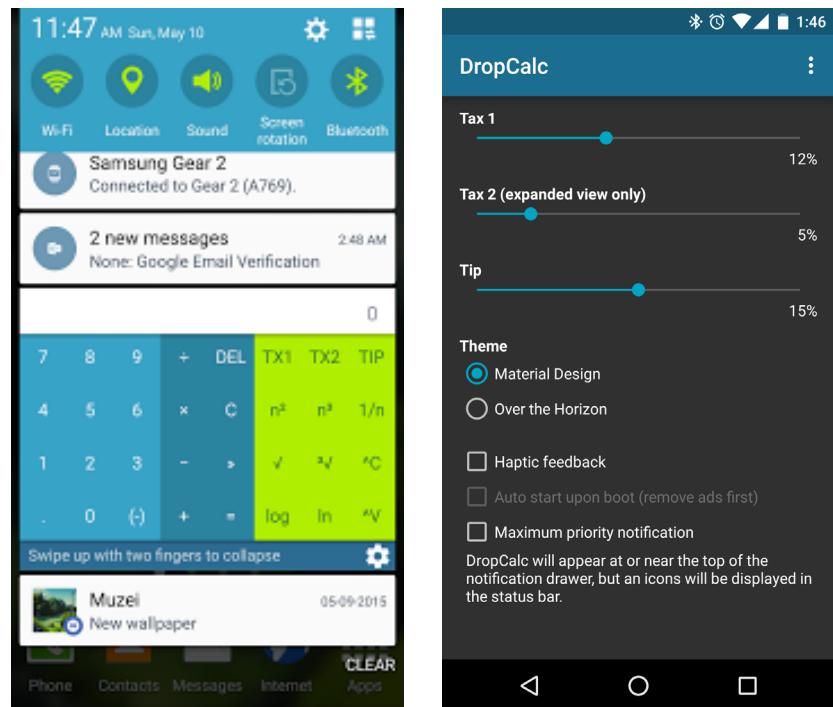


# Yearbook Labs

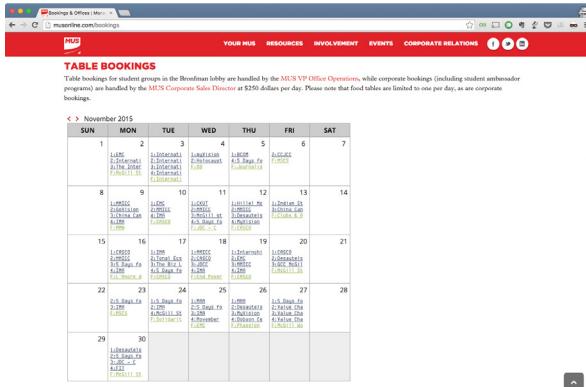


DropCalc is the first (and likely still the only, as you are reading this) calculator for the Android notification drawer. It works with Android 5.0 and above. There is a version for simple calculations and another for scientific calculations.

<http://yearbooklabs.com/dropcalc/>



# More projects



## MUS Table Booking

Based on the AUS Table Booking System, which I also wrote from scratch, the MUS Table Booking System lets student clubs and services book a table in the Bronfman foyer in less than a minute.

<http://mus.mcgill.ca/bookings/>

A screenshot of the First Year Council (FYC) website. The header features the FYC logo and the text 'First Year Council of the Students' Society of McGill University'. Below the header, there's a 'Stay updated...' section with a 'Like' button and a 'Facebook' link. The main content area has sections for 'We are the FYC...', 'Get Involved with FYC!', 'First Year Council Executive Descriptions', and 'Upcoming Meetings'. A sidebar on the right offers language options (English or French) and a 'Have something to say?' feedback form.

## First Year Council

The first year of undergraduate life can be daunting. The FYC website helps fulfill the mandate of the Council in representing first year students and informing them of news and updates. This site was done in collaboration with fellow student Shant Boodaghians.

<http://ssmu.mcgill.ca/fyc/>

A screenshot of Mr. Clancy's website, featuring a dark blue Metro-style interface. The top navigation bar includes links for 'Mr. Clancy', 'Courses', 'Services', 'Manuals', and 'Links'. The 'Courses' section contains icons for Digital Media, Film and TV, Photo 11, Photo 12, and Yearbook. The 'Services' section includes an 'Email me at MrClancy@u44.ca' button and links for Upload Center, GradConnect, Weather, Nikon D3000, Nikon D7000, Nikon D60, Nikon D80, Canon PowerShot A590, Speedlight SB-600, and Sycorox.ca. The 'Manuals' section shows camera models: Nikon D3000, Nikon D7000, Nikon D60, Nikon D80, Canon PowerShot A590, and Speedlight SB-600. The 'Links' section includes a 'Old Home Page' link and other external links.

## Mr. Clancy.ca

Does the Metro (or Modern UI) interface by Microsoft fit well online? By designing the website, following its specifications faithfully, we can see that Metro excels as a web design language. This website hosts curricular resources by Mr. Clancy, my digital media teacher in high school.

<http://mrclancy.ca/>