2015 CS50 Final – Sam Kessler & Catie Rose Pate
 "loCal" – Documentation

Even though Google Calendars has done a great job of streamlining the calendar creation process, they still leave it primarily up to users to search for and share calendars and events on their own. loCal is a one-stop shop where users can upload their Google Calendars to a searchable database. loCal users can also search, tag, view, and organize calendars.

[To run, open: https://ide50-cpate.cs50.io/, further launch Instructions on p4]

To begin, you will want to **log in** to loCal by typing in a username and password. Unless you already have a username and password, you can **register for an account** by following the link below.

After you have logged in, you will be led to your home page which lists all of your saved calendars. Unless you have already saved calendars, this page will likely be empty.

Sign out or **change your password** with the username dropdown.
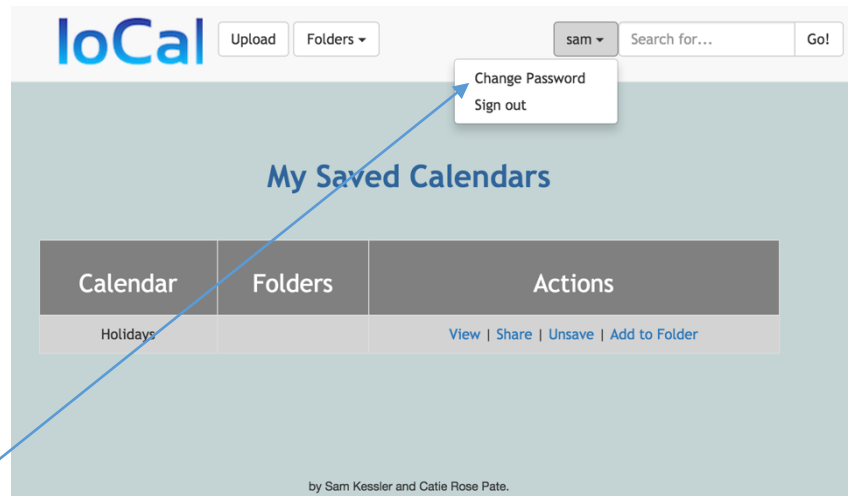
To **Search** for calendars:
   • Enter a search term into the search bar at the top right corner of the screen and click **"Go!"**
   • You will be taken to a page of **search results** containing calendars with a title or tag matching your search term
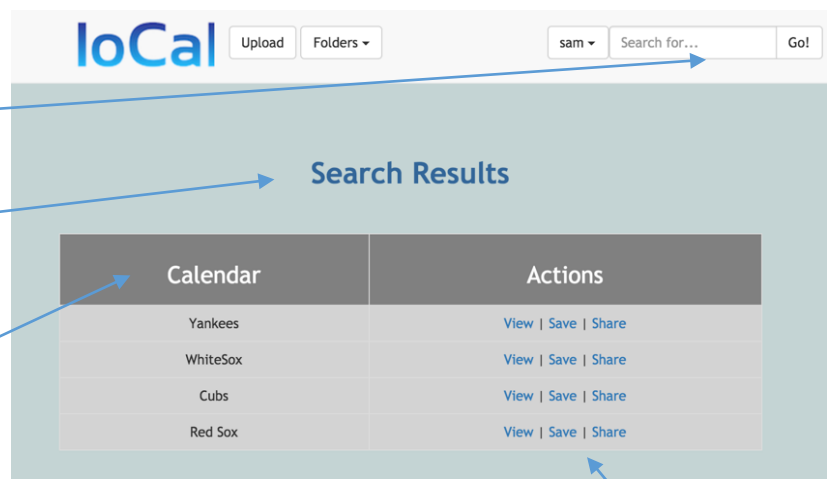
Search results
   • **Calendar**
      o Title of Calendar
   • **Actions**
      o **View** – View calendar in-app (see below)
      o **Save** – Add to your saved calendars (see below)
      o **Share** – After entering a recipient email address and clicking "send," your email client with a pre-completed email for you to send.

View
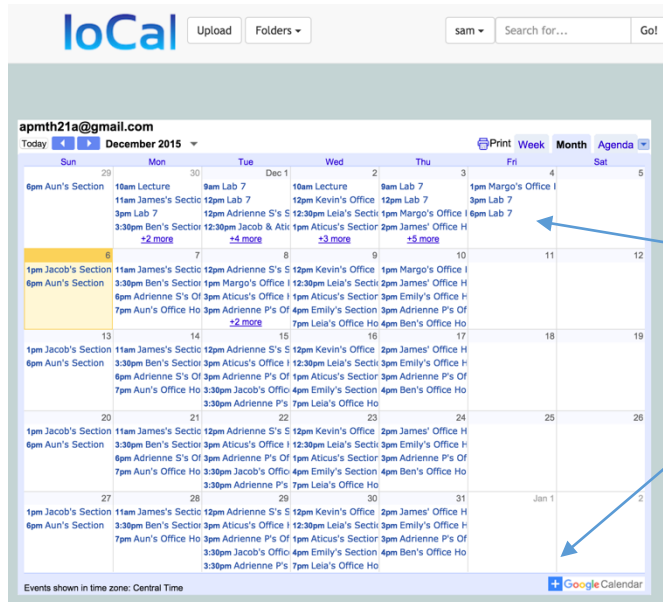
When you view a calendar, you will be taken to a window with an embedded version of the calendar provided directly from Google.

From this view, you may navigate through the calendar with the arrows and tabs provided and you can click on individual events to add them to your own Google calendar.

You can also click on the "+" at the bottom right of the screen to add the entire calendar to your Google account.

Save

If you **save** a calendar or click the loCal logo, you'll be redirected to **"My Saved Calendars."** In addition to the fields described above, you may also:

Add Tag – if you uploaded (own) this calendar, you can "Add Tag," or type in an additional search term (not case-sensitive) for your calendar.
Unsave – Removes the calendar from your saved folder
Delete – Deletes a calendar from the entire loCal database, not just your saved folder. You must own the calendar.
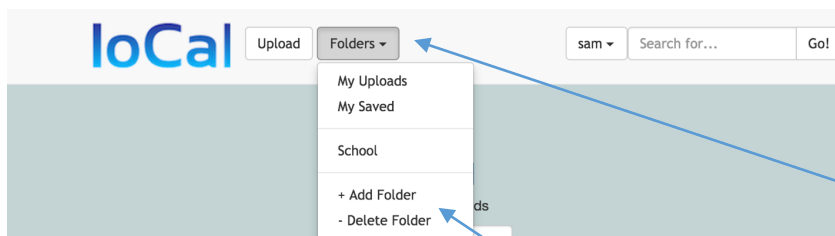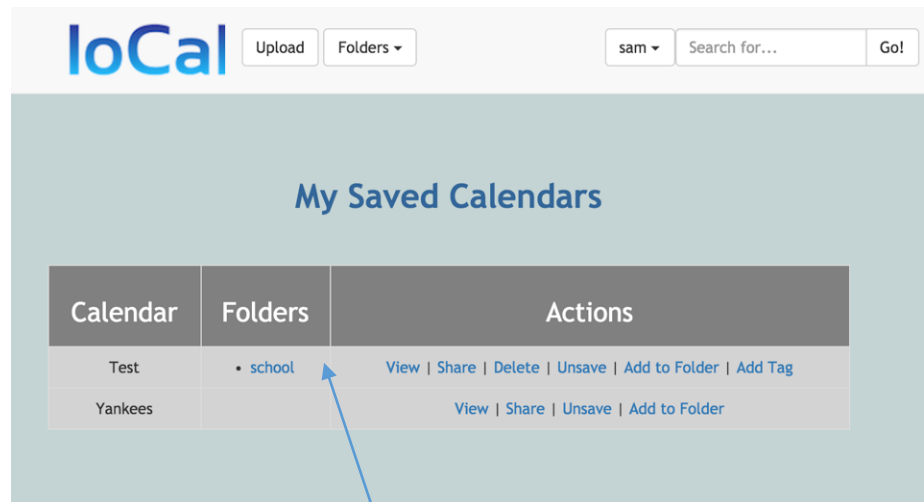
The "**Folders**" column lists all of the folders that this calendar belongs to. You may click on any of the folders to open it.
You may alternatively navigate to a folder using the "Folders" box on the top of the webpage.

The Folders dropdown menu lists your Uploads and Saved Calendars as well as any folders you have created. You may also **add** or **delete** folders by clicking on the respective menu option, and typing the name of the folder (not case-sensitive) you'd like to add or delete.

To **upload** a calendar, click the box to the right of the logo at the top of the site.


Uploading requires a calendar name as well as a **calendar address**. (see below)

Optional components are a tag (used for searching along with the calendar name) and a description (not currently implemented elsewhere the site.)

Calendar names and calendar addresses must be unique.

Finding a Calendar Address
1. Open your Google Calendars account
2. Click the arrow to the right of the calendar you would like to share
3. Click "**Share this Calendar**"
4. Ensure "**Make this calendar public"** and "**Share this calendar with others**" are checked
5. Click to "Calendar Details"
6. Scroll down and copy the (highlighted) "**Calendar ID**" in the **Calendar Address** Section.
7. Paste this address into the "Calendar Address" field
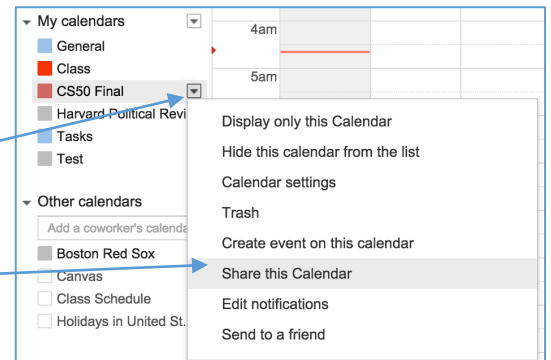
The **My Uploaded Calendars** folder can be accessed by uploading a calendar or by clicking "My Uploads" in the "Folders" dropdown.

This page is similar to other folders in every way except
(a) Calendars may not be all be saved, but can all be tagged/deleted
(b) Tags are listed in the tags column (if any exist)

My Uploaded Calendars

Calendar	Tags	Folders	Actions
Test		• school	View │ Share │ Delete │ Save │ Add to Folder │ Add Tag
Applied Math 21a		• school	View │ Share │ Delete │ Save │ Add to Folder │ Add Tag

To run, open: https://ide50-cpate.cs50.io/

Or to run on your own server, upload finalProject.sql to phpmyadmin and run in IDE Command:

```
killall -9 server
apache50 stop
apache50 start ~/workspace/finalProject/public
mysql50 start
```

Open https://ide50-username.cs50.io/