Half hour brainstorm

The problem we are trying to solve:

Help the user get information out of their syllabus and into a form they can use

Subproblems we are currently working on:

Getting our code to read a word document

Getting our code to read a pdf

Allowing the user to upload a document

Subproblems that need to be worked on

Finding events the extracted text and formatting

Returning the calendar to the user in a useful way

BRAINSTORM!

.doc files are notoriously difficult to work with

Don’t reinvent the wheel – look for libraries

It looks like PHP has better libraries than JS

Ex: <http://www.fpdf.org/> -- does pdfs

<https://github.com/PHPOffice/PHPWord/blob/develop/README.md> --

does ALL OF THE THINGS (

If using PHP, need the user to actually upload the file

Using PHP looks like the better option – also lets us utilize a DBMS to handle our data

Let a DBMS (SGBD) do work for us – store event information in the database, and let it do the sorting / organizing / keeping track of things

Question: How long do we keep the data? (after user has their calendar, we no longer need their data)

How do we figure out when to delete it?

Question: Do we want to mine anything out of the data?  
 what type of calendar is most preferred? (which feature should we focus on improving)

What level of courses are the students submitting syllabi for? (curiosity)

Question: Do we want to include office hours?

If so, include the office location with that info?

Question: What words signal a date and/or deadline

* Due
* Turn in
* Presentation
* Final
* Exam
* Test
* Quiz
* HW
* Paper
* Essay
* Submit
* In class
* Text located between pairs of dates belongs as an event with the first date
* Office Hours