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CS 396H

EX01\_02

Problem to solve:

Typing my syllabus events into my calendar by hand is time consuming. Students are more likely to succeed in class if they are aware of all class meetings and deadlines. Each class has a different syllabus, and students take many classes. The time needed to do this by hand is prohibitive for college students, who could therefore benefit from such an application.

Target Audience:

Our target audience is college students, and particularly college students who regularly use a digital calendar, or who would if the time needed to set one up was less prohibitive. It will particularly benefit college students who struggle with organization, or who miss deadlines because they aren’t aware of them.

Functionality

Usable cross-platform (Windows, OSX, Linux/GNU)

Likely be a web app (if it works with at least firefox, it will be good)

Receive syllabus files

Want to support .doc, .docx, and pdf

Extract information about class meetings and deadlines (assignments, tests, projects, etc)

Potential problem: not all syllabuses are formatted the same

We need to be able to read these documents and apply logic to inline tables

Use that extracted information to make calendar events

Should have separate events for class meetings and for deadlines

Use Google’s calendar to make these events accessible to the user

At the end, give the user a file that is an exported google calendar file containing their events

Other requirements:

We will need to be able to store a file and a small amount of data for each user during runtime.

This will be a desktop web browser application

EX01\_03

We changed our project idea today, so we talked with people during class. People seemed generally excited about it, and said that they would use it if it existed. One person mentioned that it might be beneficial to integrate it with the Windows calendar. Another person said that if we could create a template for a syllabus that we might be able to get professors to use it, and that could remove the need for interpreting the syllabi.