No Homework Left Behind!

Automated syllabus date extraction with calendar integration

Introduction

Academic stress and procrastination is the enemy for virtually every student, and it's why we have decided to make **a tool that organizes a student's workload**.

Studies show that **planners improve student performance and satisfaction** at all levels of education.

We are trying to **reduce academic stress induced from numerous assignment due dates**.

Prior Work

Some tools exist to help students manage their schedules. We wanted to address some of their shortcomings in our design.

Syllabuddy
+ Automatically extracts due dates
- Emails you a .ics file
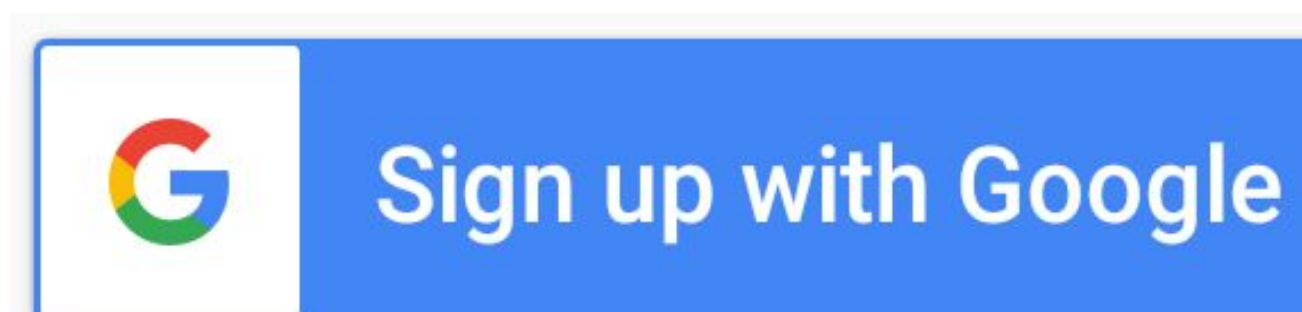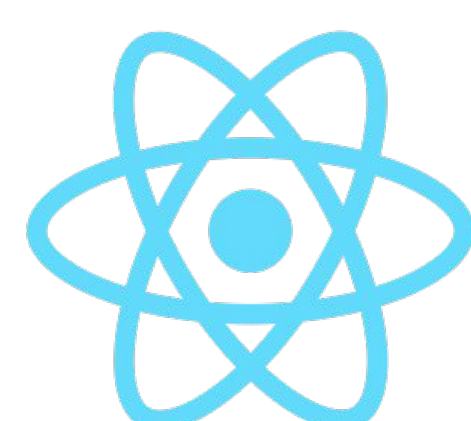- No integrated calendar
- Poor accuracy

CourseHack
+ Automatically extracts due dates
- Downloadable .ics file
- No integrated calendar
- Halted development; outdated

Methodology

We will apply **natural language processing** to extract text from different document formats using **temporal taggers and named entity recognition algorithms**.

All of the results will be presented to the user and **allow them to confirm, edit, or delete any events to fit their needs**. Afterwards, their Google Calendar will be populated appropriately.

Evaluation

Pre Survey
- Existing planning habits
- Likes and dislikes of current method

User Study
- Create a schedule with existing methods
- Create a schedule with the new tool

Interview
- Likert scale questions
- Quantitative and qualitative questions

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