





Herbert H Lehman High School

Team Members

Christopher Schack - Sophomore

Ragib Ratul - Senior



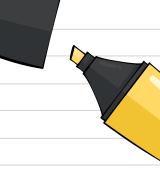
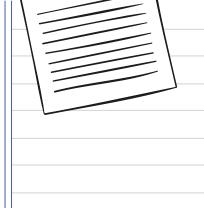


Table of Contents	
Overview	How It Works
1	3
Live demo	SME Feedback
2	4

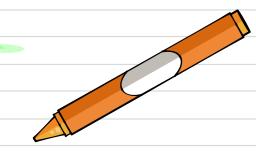




01

Overview





Backstory

LSM is aimed at Lehman High school students, especially those who are having a hard time with time management and keeping track of their work.

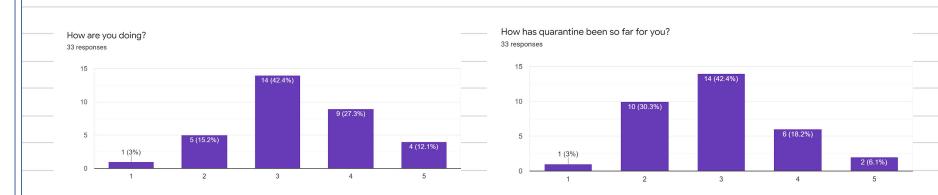
For research, we sent a survey to Herbert H Lehman high school students.

Research

quarantine hasn't been going well.

The first two questions on this survey were "How are you doing?" and "How has quarantine been so far for you?".

The results for how has quarantine been for you was right skewed, while the results for how are you doing were left skewed. This supported our hypothesis that while the majority of people we're doing alright, most said their



Research

What Has Been The Hardest Part Of Remote Learning For You?

Because we believe that remote learning has a lot to do with students' mental health, one of the questions on the survey was "What has been the hardest part of remote learning for you? While this question was an open response, I categorized the responses to make them easier to analyze.



We found that the 4 biggest problems students had with remote learning were not being in person, keeping up with school work, contacting teachers, and managing time. While we can't help fix the first one we can try to fix the rest. Our goal was to make a website that helps students with remote learning by making organization easier.

Data from 32 lehman students surveyed

Research

Quotes from	What has been	the hardest	part of remote	<u>learning for you?:</u>

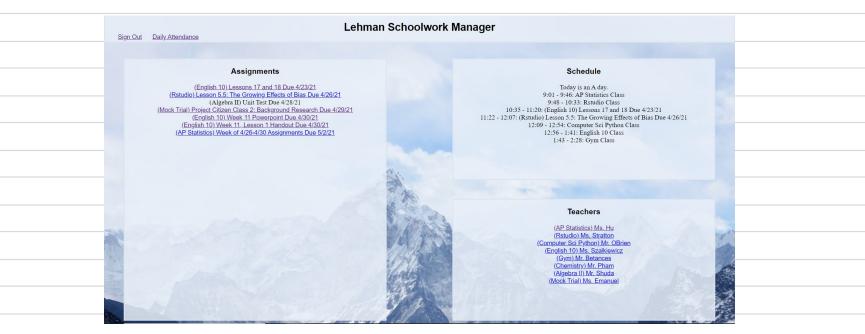
"Keeping up, waking up, staying up, making it to class, trying to manage everything at once."

"Getting all my emails together to figure out what class I have to go next."

"Harder to ask questions to teachers."

Lehman Schoolwork Manager (LSM)

Lehman Schoolwork Manager is a website/app that helps Lehman students keep all their deadlines, work, schedule, and teachers' emails in one place.



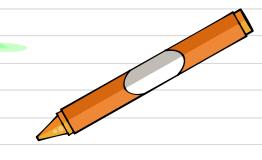




02

Live Demo



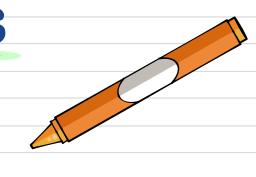






How It Works





APIs

Uses Sign In With Google API for sign in as well as getting user's email.

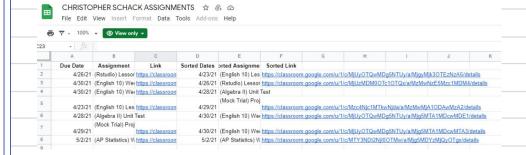


Traffic 0.4½
0.3½
0.2½
0.1½
0.1½
0.1½

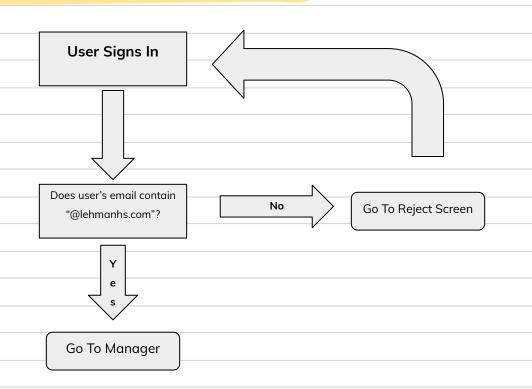
Name	→ Requests	Errors (%)	Latency, median
Google Sheets API	837	0	
Analytics Reporting API			
Google Analytics API			
Google+ API			

Filter Filter

Uses google sheets api to get information from spreadsheets.



Sign In

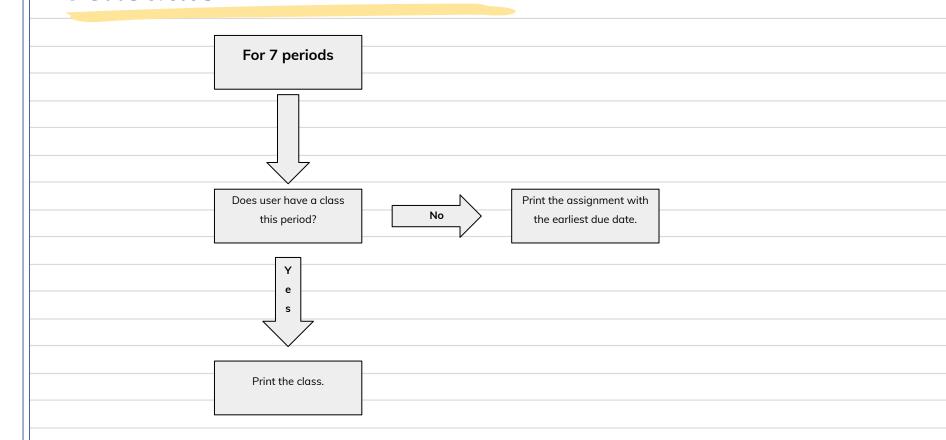


Spreadsheets

Students' Schedules - Used for getting students a/b day schedules and teachers' names

My personal assignments - Spreadsheet containing student's assignments (One for each student)

Schedule





SME Feedback

For round 2 our subject-matter expert was Toni Pizza.

- Liked how we had clear problem + solution
- Like how we had next steps planned

Improvements suggested

- Focus on getting it working with google sheets before
- transferring data to SQL
 Focus on aesthetics (Accessibility, Color, Font, etc)
- Add Push Notifications
 - usii Notifications



Thanks From The Lehman Hack Team!



CREDITS: This presentation template was created by Slidesgo, including icons by Flaticon, and infographics & images by Freepik.