SchMAMS

Taste the RGB

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Community Need

Term C
Week 24

Mass Academy Schedule for the week of January 27 - 31, 2025

Version 6, generated 1/27/2025 12:34

	1/27 (day 100)	1/28 (day 101)	1/29 (day 102)	1/30 (day 103)	1/31 (day 104)
	Monday	Tuesday	Wednesday	Thursday	Friday
	Q E D	Q E D	Q E D	X Y Z	Q E D
7:45	Physics STEM CS	CS Hum Physics	STEM	CS Physics Math	Physics Test
8:45	Math	Physics Math CS	Math Physics Hum	Hum Math CS	
9:45	Meeting in Brickyard	HR Advisory	HR Advisory	09:45 (15 min break)	HR Advisory
10:00				Physics CS Hum	
10:15	STEM Hum Lang	Math Physics Hum	Lang Math Physics		Math
11:00				STEM	
11:15	Lang CS Physics	Flex Block	Hum CS Lang		
12:00	Lunch	Lunch	Lunch	Lunch	Lunch
12:30	CS Physics Hum	CS Hum Math	Physics Hum CS	Math Hum Physics	CS STEM Lang
1:30	Hum Lang STEM	CS	CS Lang Math	Group 1 Wellness / Group 2 Yoga	Lang CS STEM
	Physics Club	Computing Club	Math Team	Fiber Arts	Internado Club

Math whole school

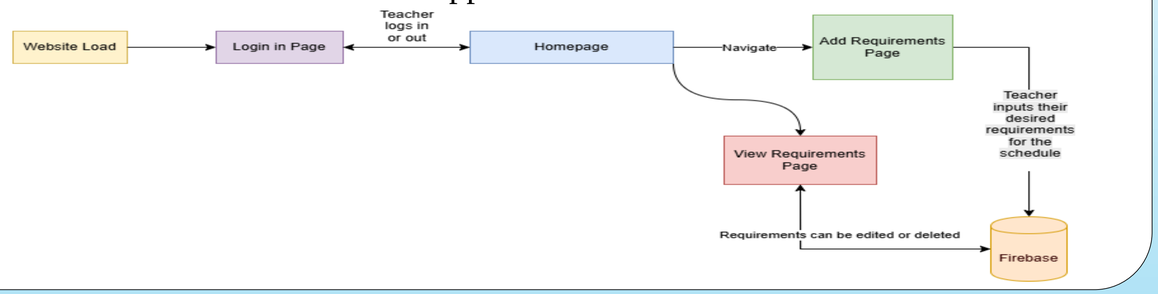
Whole school STEM
No AT first 3 blocks

Faculty Meeting 1:30 - 3:00

Math 1.5 hour whole school
No KS blocks 2,3,4

The current process of making Mass Academy schedules is long and tedious, as there are many things to consider when Ms. Ludes, the Mass Academy director, creates the schedule. One major part of making the weekly schedule is accommodating teachers' requests to have specific types of classes each week.

App Architecture



Target Audience

An app targeted towards the Mass Academy faculty.

Tools

- React: Algorithm
- Firebase: Storing user data
- VS Code: Programming
- GitHub: Shares code with group
- Node.js: Cross-platform, open-script Java-Script

Competitors

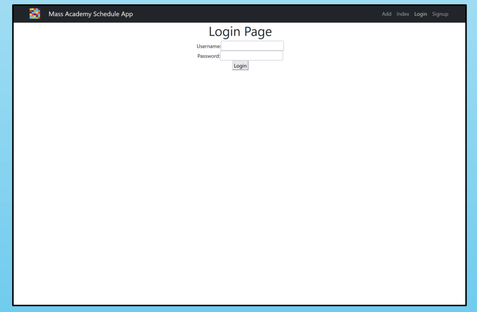
- Don't accommodate to teacher requirements
- Forces the user to do all the scheduling manually
- Can't accommodate to Mass Academy classes

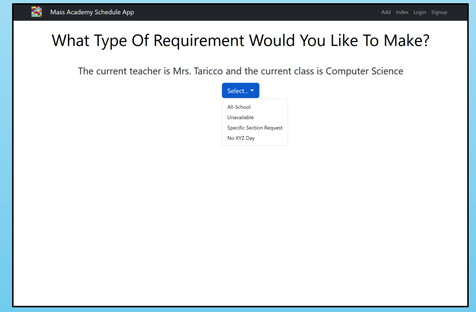
Mams

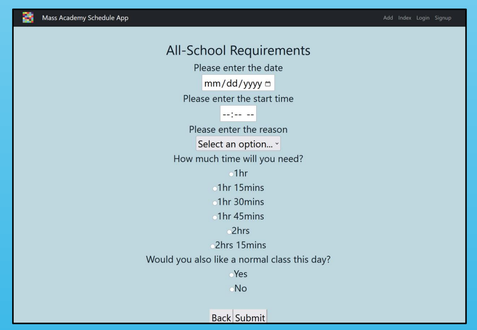
Class schedule

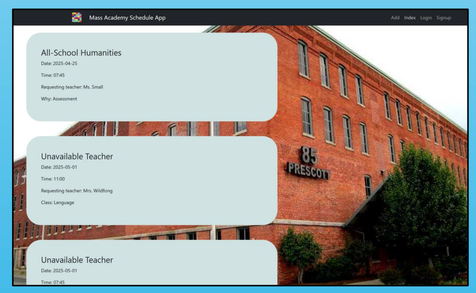
Monday	Tuesday	Wednesday	Thursday	Friday
Phys/Mrs. Chase	Phys/Mrs. Chase	Phys/Mrs. Chase	Phys/Mrs. Chase	Phys/Mrs. Chase
STEM/Dr. Crowthers	STEM/Dr. Crowthers	STEM/Dr. Crowthers	STEM/Dr. Crowthers	STEM/Dr. Crowthers
Math/Mrs. Burns	Math/Mrs. Burns	Math/Mrs. Burns	Math/Mrs. Burns	Math/Mrs. Burns
Lang/Mrs. Wildfong	Lang/Mrs. Wildfong	Lang/Mrs. Wildfong	Lang/Mrs. Wildfong	Lang/Mrs. Wildfong
Hum/Ms. Small	Hum/Ms. Small	Hum/Ms. Small	Hum/Ms. Small	Hum/Ms. Small
CS/Mrs. Taricco	CS/Mrs. Taricco	CS/Mrs. Taricco	CS/Mrs. Taricco	CS/Mrs. Taricco

Our Solution



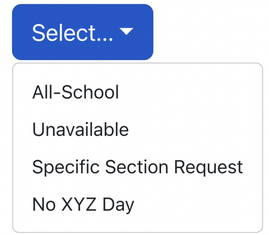






Key Features

- Allows the teacher to input their requirements
- Allows teachers to edit requirements
- Displays all user requirements for teachers to see



Future Extensions

- Add a safeguard to verify that requirements are possible
- Account for the split in French classes
- Generate and display a schedule with no requirements
- Generate and display a schedule with requirements
- Export schedule in Excel-compatible format