Checkpoint 2

Rustic Development

Prototyping

This checkpoint we got to work on rapid prototyping and working out the end goal.

We had to pivot due to FERPA violations and blackboard

Google Services

Gmail Inbox

Calendar

Gmail

Sender	Title of email	Date
Instagram	See What's Happening on Instagram	Mar 5
Google	Updates to policy	Feb 27
Firefox	New user	Jan 6
Instagram	See What's Happening on Instagram	12/06/2022
Google	Hello, User!	11/02/2022
LONG TITL.	THIS IS A LONNNNNNNG TIIITLLEEE...	06/04/2013

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Privacy Policy

Calendar

September 2022

Sun Mon Tue Wed Thu Fri Sat

				1	2	3
4	5	6	7			
8	9*	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

October 2022

Sun Mon Tue Wed Thu Fri Sat

				1	2	3
4	5	6	7			
8	9	10*	11	12	13	14
15	16	17	18	19	20	21
22*	23	24	25	26	27	28
29	30	31				

November 2022

Sun Mon Tue Wed Thu Fri Sat

		1	2	3	4	5
6	7					
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Scroll up to see past events
Scroll down to see future events

Calendar

October 22, 2022

1 AM

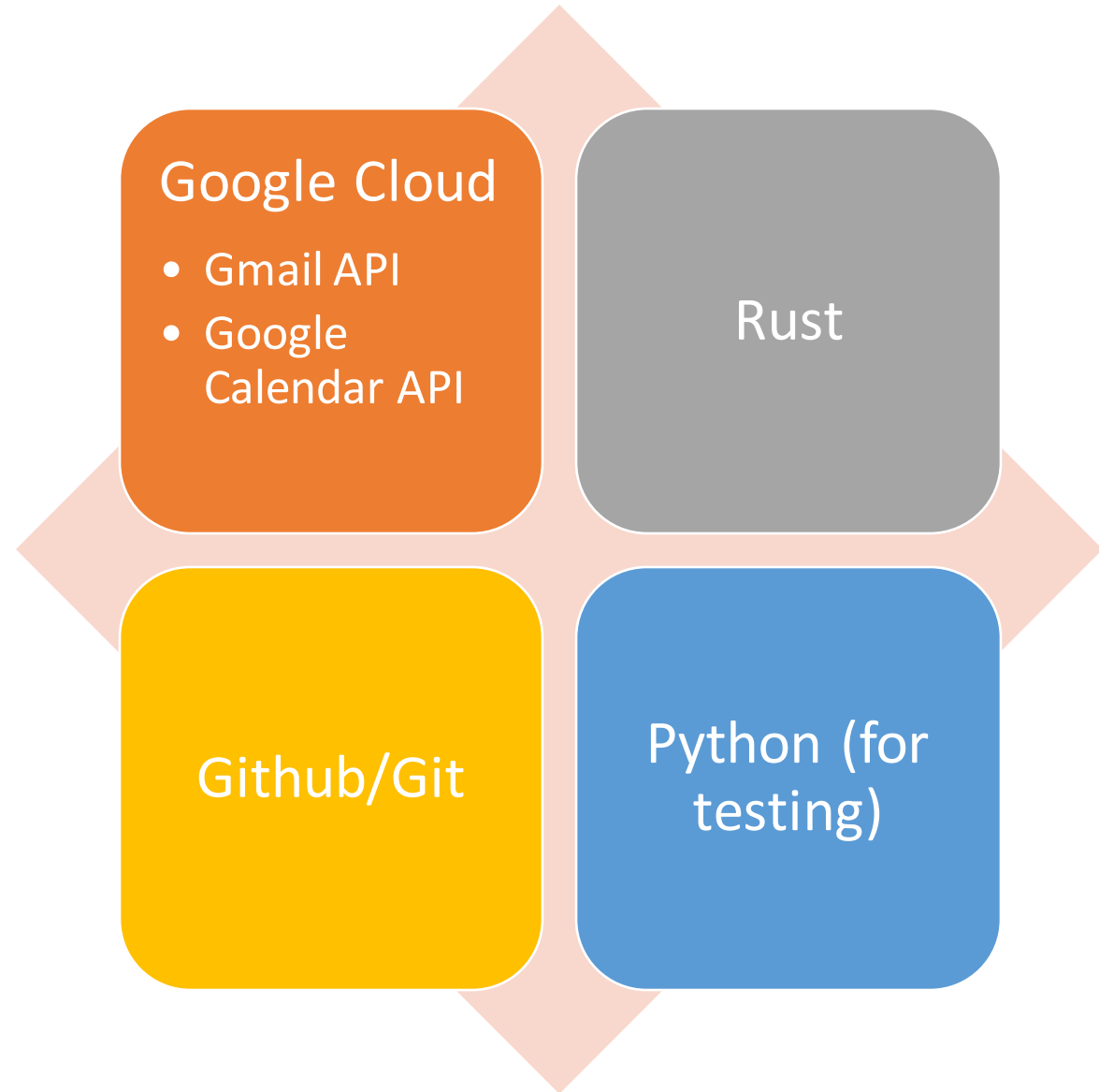Basketball
1 - 2:15am

Take Medicine
1 - 5am

2 AM

3 AM

4 AM

5 AM

6 AM

7 AM

8 AM

Responsibilities

Brady	Alex	Michael	Preston
• Established working API • Set up backend for Gmail API with working commands to grab a variety of data • Stored data in a usable format for front end	• Started work on Google Calander • Looked into possibility of using google classroom as blackboard alternative	• Established working API for Google Calendar • Set up Microsoft Graph API in Azure Directory • Created prototype of product	• Implemented ability to read in files, and create new files • Worked with Brady to read in data files from API

Technology stack

Google Cloud
- Gmail API
- Google Calendar API

Rust

Github/Git

Python (for testing)

Technology Access

Brady	Alex	Michael	Preston
• Google Cloud • Gmail API • Macbook • VS Code • Rust • Github	• Linux • Github • Google APIs • VS Code • Rust • Python	• Google Cloud • Google Calendar API • Rust • Linux (Ubuntu) • Samsung Laptop • Visual Studio Code/Nano/Vim • Github/Git	• Rust • VS Code • Github • Gmail API

Git Repo

- https://github.com/ohio-software-development/RustBlackBoardTUI

Meeting Schedule

TUESDAYS AT 5 PM

OCCASIONAL WEEKENDS FOR CODING DAYS.

NEXT MEETING DAYS: MARCH 21 AND 28

Next two milestones…

Get Calendar and Gmail API set up and working to

Google Calendar: Michael and Alex

Gmail: Brady and Preston

Create basic functionality to create and send emails/events

Live demo