Milestone 7

Title: MicroManage

Members: Chad Wireman, Chris Beggs, Brooke Stevens, Jacob Carlson, Ian Sexton, and Rahul Depa

Project Tracker: Trello, Slack, GitHub

Test Cases:

We decided that unit tests were the most important for our application. Our whole app relies heavily on user input and filling out forms. These form details are inserted into the database, and we needed to make sure that correct information was being transferred between the database and the application. We had a function that converted dates into the proper format and tested the application for all of our corner cases. Some examples include:

- Checking for field completion
- Checking for valid email addresses
- Checking for valid time strings
- Confirming that end times did not happen before start times
- Check that SQL queries work as expected

Our app was small enough to to all of test cases by hand. We didn't use Jasmine or another testing library. We knew where all of our API calls were happening and it was simple enough to put checks in those locations. We simply just logged all of our results and compared them to expected results.
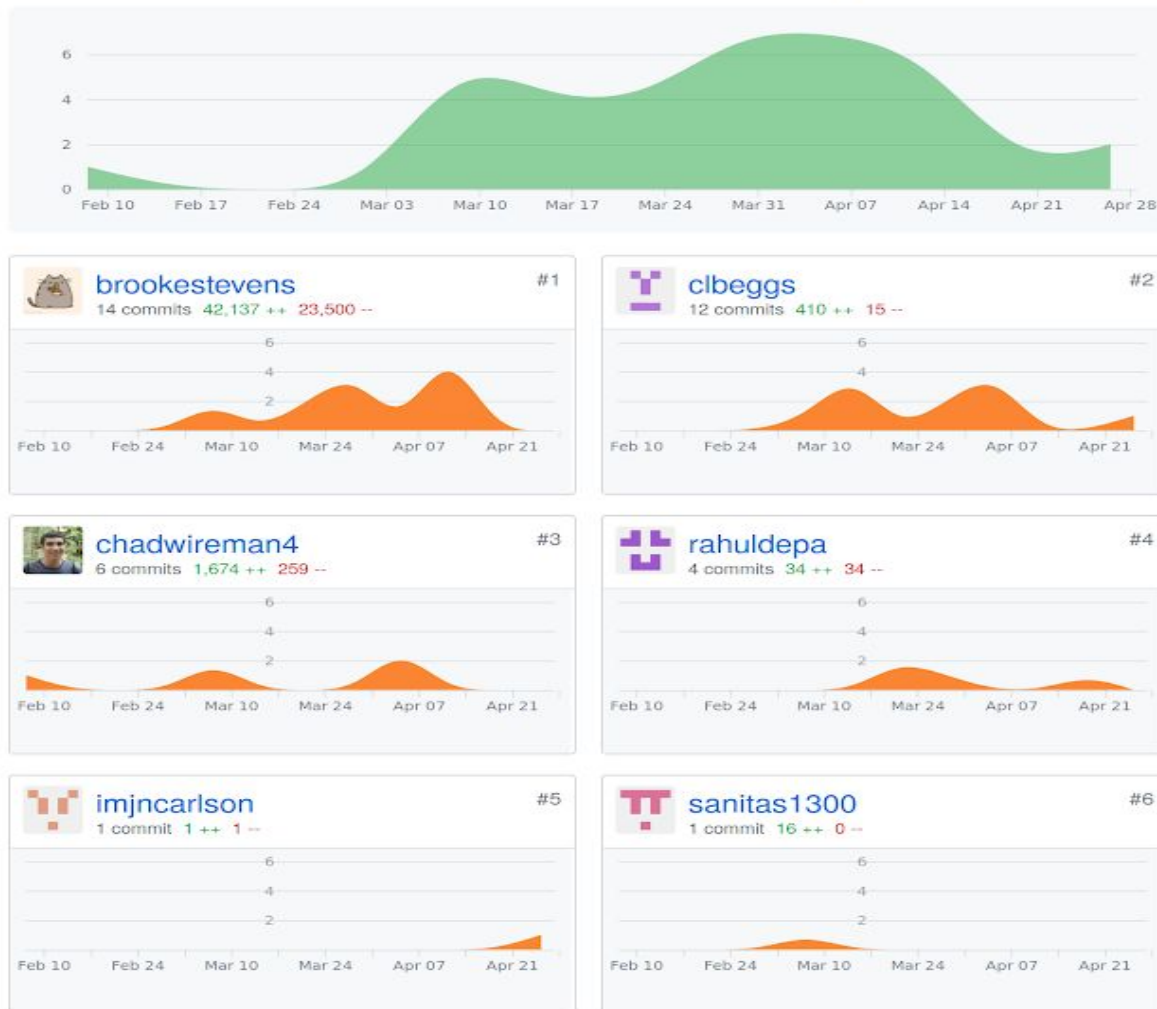
We also used a software called Postman which was able to test API endpoints. This allowed us to check that endpoints were working even if the internal API wasn't fully completed yet. This also let us test the external APIs we used to make sure that we got the expected response. We didn't have to code anything to test if these endpoints worked, so it saved us a lot of time.

GitHub Repo Link and Instructions:

Github Link: https://github.com/chadwireman4/Project-Code-Components

The app is not able to be run because I removed the working API keys and the database is not remote. Anyway, the backend and frontend are two separate applications and run on different ports. Both apps would have to be started for the whole thing to work. Requests are all proxied to port 3001.

Images from Project Management Software:

Contributions to master, excluding merge commits

rahuldepa #1
8 commits 2 ++ 0 --

brookestevens #2
2 commits 0 ++ 0 --

SoftwareDev-S...
● Brooke

🔍 Jump to...

⊙ All Threads

Channels
⌀ frontend
general
non-projectstuff
random
sickomode

+ Add a channel

Direct Messages
♥ Slackbot
● Brooke (you)
○ Chad
○ hulidepa7 (Rahul)
○ Ian Sexton
○ Jacob Carlson
○ papa(Chris)

+ Invite people

Apps

#general
☆ | 🔔 6 | 👤 1 | Company-wide announcements and work-based matters

Q Search

Yesterday

Also does everyone agree we should meet on saturday afternoon and get this thing submitted?

Chad 9:27 PM
Like I said before, I'm in Atlanta right now and there's not much I can do at this point. I can check out the google doc and answer questions if you need anything.

Ian Sexton 11:36 PM
I think they're only looking for unit testing. The test cases they're referring to on the milestone 7 prompt seem to be what was already turned in for milestone 5...

hulidepa7 (Rahul) 11:36 PM
I did milestone 5 it was only a sample of 5 test cases

Ian Sexton 11:38 PM
There's a piazza post about unit testing, they mention integration testing but don't really say whether they want it or not.

Then there's another post about trying to test get and post requests, which I've been having trouble with for the past couple hours because you can't do it with jasmine or any of the other libraries mentioned in the slides. No response to that one and it was two days ago.

So it's unclear to me exactly what they're looking for. Don't mind asking tomorrow if there's office hours.

Ian Sexton 11:52 PM
Down to meet Saturday regardless.

hulidepa7 (Rahul) 11:52 PM
I can just shoot Chelsea an email b/c it doesn't really matter what any of the other TA's say

Ian Sexton 11:53 PM
Sounds good.

hulidepa7 (Rahul) 11:53 PM
I was supposed to do that but completely spaced out

Today

Ian Sexton 12:01 AM
It's ok.

Message #general

Software-Dev-Project ☆ | Software-Dev Free | 👥 Team Visible | JC CW BS CB RD 6 | Invite

Front End - DONE
- Design Mockup #1
- Make first iteration
- Make Second Iteration
- Stylize all features further
- Dark Mode

+ Add another card

Bridge - DONE
- Learn Node.js : end of week 8 ≡
- Integrate front end and back end using Node.js: weeks 9 -14 ≡

+ Add another card

Back End - DONE
- All features are to be done by the end of the specified week
- Authenticating passwords: Week 9
- Create Database for Appts: Week 10
- Add to database for preferences: Week 11
- Email reminders: Week 12
- Estimates length of time taken to complete project: Week 12
- Select importance, deadlines: Week 13
- If there's time, allow for groups to schedule meetings: Week 14

+ Add another card

Documentation
- ▬ Milestone #1 - Completed ≡
- ▬ Milestone #2 - Completed ≡
- Milestone #3 - Completed
- Milestone #4 - Completed
- Milestone #5 - Completed
- Milestone #6 - Completed

+ Add another card