

Anthony Legg - Studio 4 PDR

[Link To GitHub Repo](#)

[Link To Studio 4 Test Website - add the link](#)

[Link To Studio 4 Production Website](#)

Evidence For Submission

What are your personal goals and objectives in addition to the course objectives?

I need to take let go more and take things much less personally. Working as part of a group is challenging; everyone has their way of doing things, my goal is to be more patient,

Try are to continue to development, leadership and stress-management skills. I feel that I have only scratched the surface of agile and scrum methodologies.

I think that I have improved in this area from last semester, in that I am more aware of what I am saying and how it is perceived. But there is definitely room for improvement.

What has gone well? What are your strengths?

As a team we were able to improve all aspects of the project that we started with. The site has been made more secure, is presented more consistently across all pages, and provides the client with a system more in line with the clients needs.

The most important thing is to deliver on the goals of the client; I think that ultimately we delivered on most of these objectives through regular team communication, and I think I times this has not b.

I think my strengths are honest communication, reliability, empathy and self-motivation.

What could have gone better and how?

Throughout the project, a big recurring issue arose out of team members working in isolation; and not honestly communicating with the rest of the team how they were progressing. It has taken some time for the group to gel together. The first two sprints were particularly challenging because there was a tendency to avoid communicating; pushing to change this and handle the problems that arise because of it has consumed a lot of energy; this has affected my ability to document workflow processes and measure success. Communication of changes in the project need to improve as soon as possible;

During the last two sprints, there has not been enough information getting added to some to the pull request, to be transferred to the QA to follow up and adjust the test suite. This disconnect is causing the test suite to be a cause of errors rather than the rest of the project. This has meant that the last two sprints have not had a functional, reliable test suite. ~

Test suite issues - resolved through using containers and testing the code in isolation.

Work flow issues - resolved through frequently working in person rather than remotely.

What are the next steps to take? What is your plan for further self-development?

Next steps are to keep actively engaging the team and pushing for more collaboration to occur. Had more of this been happening, the issues identified in sprint 1 could have been solved in sprint 2 rather than continuing into sprint 3 and possibly sprint 4. I feel that I need to take a step back from development of the code base, so that I can put more work into the product backlog, workflow processes and project automation. I am really keen to push the project automation, particularly with the GitHub and the management of deployments; Have access to a deployment monitoring application.

What barriers exist? How do you plan to deal with them?

Communication is the number one barrier right now. Getting buy-in from everyone in the group has been a massive challenge. I hate being demanding, but I feel like if I'm not, then we all lose. I think getting more documentation on record will help us to not lose track during upcoming sprints.

Getting accurate information from the group is still difficult. For example, just this last week, we all approved code that was clearly broken, but was completely untested. This was in large part because we are all struggling to keep up with the workload, particularly during this lockdown. This was picked up a day or so later in the test deployment. This was a pretty big indication that there are issues with our current workflow, that don't work when we are under pressure.

From an automation perspective, I hope to make the dusk test GitHub action a requirement for every pull request to pass on both the staging and master branches. This can be done when sprint 3 code is merged to master. Having this in place will force the team pay attention when tests fail, something that we haven't had until now. As mentioned, I would like to get approval to install [Sentry](#) to the repo. A request for this was sent via email on the 4th September. This will provide status updates on deployments.

I would like to work on configuring Heroku's review app feature, this will test every pull request, by automatically deploying it to a temporary test environment and feed back the success or failure of the run.

What is not clear or is uncertain?

I'm not sure that I am doing what I need to be doing or what changes I need to put in place to ensure that the requirements for the project and the semester are met and there is sufficient evidence to prove it. Also, I have no idea who to listen to when it comes to the project backlog. Information is inconsistent and confusing, not just to me but also the others.

Learning Outcome 1

Select and apply industry-standard tools and processes to solve non-trivial problems in a team environment.

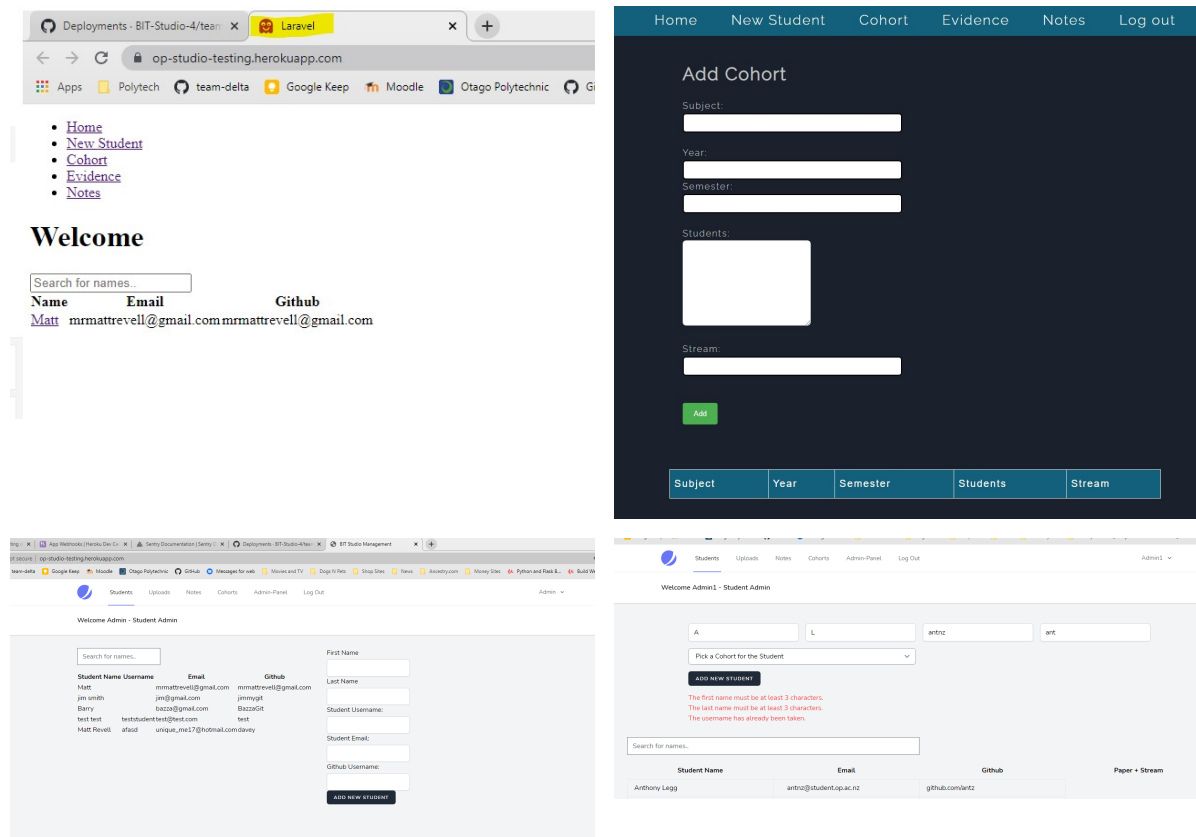
1.1 Contribute to development of new product features

1. [Pull Request #109 - Update To Jetstream Template](#)
2. [Issue #127 - Student Evidence Uploads](#)
3. [Issue #139 - Student Status](#)
4. [Pull Request - Sprint 3 sprint-3-deployment-fix](#)
5. [Pull Request #198 - Sprint 4 - Admin + Lecturer Access Permissions](#)
- 6.

Front End Development

The developer role was Mitchell's primary role; he needed to be able to concentrate securing the app, refactoring the original apps configuration, and creating administrator/lecturer permissions. For this to occur Through out the project, I made significant contributions to the UI design/layout.

and creating the admin/lecturer that would provide the user a was to create the UI and layout of the website. I was responsible for the styling of the website, and the layout of the website. I also worked on the UI of the website, and the styling of the website.



1.2 Contribute to Project Deployment

1. Set-Up the pipeline configuration on Heroku, linked this back to the repo at the start of the semester
- Added the team as members

- Set up the database on the Heroku production app

Jump to Favorites, Apps, Pipelines, Spaces...

Personal > op-studio BIT-Studio-4/team-project-2021-s2-team-delta

Pipeline Tests Access Settings

REVIEW APPS Configure + New app → STAGING + Add app → PRODUCTION + Add app

This pipeline is using the new Review Apps

Docs Give us feedback

#145 Sprint 3 qa students evidence

Create review app

op-studio-testing
Auto deploys staging
2b8843af Deployed yesterday at 2:41 PM
Promote to production Open app

bit-studio-management
Auto deploys master
9e3d7aeb Deployed Aug 24 at 11:50 AM
Open app

wintst1@student.op.ac.nz: Deployed b79ec9a6
Jul 27 at 1:38 PM · v7 · [Roll back to here](#) · [Compare diff](#)

wintst1@student.op.ac.nz: Build succeeded
Jul 27 at 1:38 PM · [View build log](#)

wintst1@student.op.ac.nz: Set APP_DEBUG config var
Jul 27 at 1:35 PM · v6 · [Roll back to here](#)

wintst1@student.op.ac.nz: Set APP_KEY config var
Jul 27 at 1:34 PM · v5 · [Roll back to here](#)

wintst1@student.op.ac.nz: Deployed e858c941
Jul 27 at 1:31 PM · v4 · [Roll back to here](#) · [Compare diff](#)

wintst1@student.op.ac.nz: Build succeeded
Jul 27 at 1:31 PM · [View build log](#)

wintst1@student.op.ac.nz: Deployed 0ebd78f9
Jul 27 at 1:28 PM · v3 · [Roll back to here](#)

wintst1@student.op.ac.nz: Build succeeded
Jul 27 at 1:28 PM · [View build log](#)

leggtc1@student.op.ac.nz: Enable Logplex
Jul 26 at 4:01 PM · v2 · [Roll back to here](#)

leggtc1@student.op.ac.nz: Initial release
Jul 26 at 4:01 PM · v1 · [Roll back to here](#)

leggtc1@student.op.ac.nz: Set DB_CONNECTION config var
Jul 27 at 4:36 PM · v9 · [Roll back to here](#)

leggtc1@student.op.ac.nz: Set APP_DEBUG config var
Jul 27 at 4:30 PM · v8 · [Roll back to here](#)

leggtc1@student.op.ac.nz: Set APP_NAME config var
Jul 27 at 4:30 PM · v7 · [Roll back to here](#)

leggtc1@student.op.ac.nz: Set APP_ENV config var
Jul 27 at 4:29 PM · v6 · [Roll back to here](#)

leggtc1@student.op.ac.nz: Set DB_HOST config var
Jul 27 at 4:29 PM · v5 · [Roll back to here](#)

leggtc1@student.op.ac.nz: @ref:postgres-cubic-01671 completed provisioning, setting DATABASE_URL
Jul 27 at 4:27 PM · v4 · [Roll back to here](#)

leggtc1@student.op.ac.nz: Attach DATABASE (@ref:postgres-cubic-01671)
Jul 27 at 4:27 PM · v3 · [Roll back to here](#)

leggtc1@student.op.ac.nz: Enable Logplex
Jul 26 at 4:02 PM · v2 · [Roll back to here](#)

leggtc1@student.op.ac.nz: Initial release
Jul 26 at 4:02 PM · v1 · [Roll back to here](#)

2. Configured, tested release script and Procfile to run migrations automatically on both Heroku servers. This previously needed to be done manually each time a pull request was merged to the staging and master branches.

- [Issue #104 - GitHub Action - Check Deployment](#)
- [Issue #121 - Sprint 2 GitHub Deployment Actions](#)
- [Issue #152 - Monitoring Deployment](#)

- [PR #164 - sprint-3-deployment-fix](#)
- [PR #168 - sprint-3-deployment-fix](#)

1.3 Contribute to CI/CD solution

- Configured the GitHub Dusk Test Action + Set it as a requirement for any future sprints (Sprint 5)
 - Work began on this in sprint 1 - is now ready to be deployed as a guard on the master and staging branches
 - also configured changes in the Laravel app settings which were preventing the Dusk test working on GitHub
 - [Pull Request #57 - Sprint 1](#)
 - [Pull Request #121 - Sprint 2](#)
 - [Pull Request #144 - Sprint 3](#)
- configured node git commit linter, provided guide for others to adopt its use. This was to standardise commit messages, while prompting everyone to provide more robust commit messages that help to make the repo changelog and release log more informative.
 - (enter url here)
 - (add image)
- configured linter check GitHub action, set this so it prevents code that does not meet the standard from getting merged into the master or the staging branches.
 - At the same time I added a prettier script to run through the whole project, and fix issues with spacing and messy code blocks.

```
"hot": "mix watch --hot",
"prod": "npm run production",
"production": "mix --production",
"prettier": "@prettier/plugin-php --write **/*.{js,php,css,json,md}"
},
"devDependencies": {
```

- Configured test app http response action
- Configured production app http response action
- Configured Pull Request Reminder action - this sends a reminder to any team member that has a code review to be completed via our Team channel.

1.4 Demonstrate Improvements in Applying Agile Project Management

- Set goals for each sprint, shared on both the [sprint project board](#) and on [milestones](#)

Sprint 1 - 28/07 - 10/08 (updated 12 days ago)

Sprint Objectives

1. Create a working deployment
2. Secure data access
3. Develop tests for Students and Navigation
4. Ensure Project Remains Accessible To End User

On Completion

1. Deployed website will require the user to login
2. No student data will be accessible without the user first logging in
3. Tests will be created creating new students and for the site navigation
4. Failed tests recorded in the product backlog
5. Current site users will retain access to the test and production sites through their own credentials

What went well

1. Delivered on client requirements on time
2. provided value through protecting the clients data
3. created tests which provide consistent feedback on errors

What can be improved in the future

- Having a more agile focused mindset and workflow

What we will commit to doing next sprint

1. Use class time to work collaboratively with the team and the client
2. Provide clear descriptions of requirements in product backlog items
3. Sticking to the tasks set out in the product backlog, negotiating changes where needed

Sprint 2 (Closed 6 days ago, Last updated 6 days ago)

3 Open 2 Closed

Sprint Objectives


1. Implement Tests for Student, User and Cohort
2. Implement automated database backups
 - deploy script to backup before rolling out changes to database migrations
3. Restrict Lecturer access to only students taking a studio paper(they are teaching
 - Create super-user admin to set lectures to studio papers
 - test the access permissions are correct
 - data from previous intakes is not lost when the student is added to another studio cohort

Completion

1. Issues with authentication and testing resolved
2. automated database backups implemented
3. user experience made more consistent throughout the app

- Respond to changes/issues


Reply

 **Anthony Legg (03007276)** 11:29 am

- Check in on checklist items; update and add to where needed
- Go through issues list and clarify their requirements so that, we can avoid situations where one persons work is not interfering or delaying another.
 - i.e what happened with my work on the student model, migration that cut into Mitchell's work over the weekend

This requires everyone's input, if this time does not suit let me know today so we can change it.

[See less](#)

 **Stand Up Meeting**
Tuesday, 17 August 2021 @ 10:30 am

Reply

- Consistent engagement via Teams, stand up meetings

ect-2021-s2-team-delta Private Watch

Pull requests 1 Discussions Actions Projects 5 Wiki Security 2 Insights Settings

06. Meeting & Class Scheduling

Anthony Legg edited this page 19 days ago · 5 revisions

Daily Stand-Up Plan + Group Work

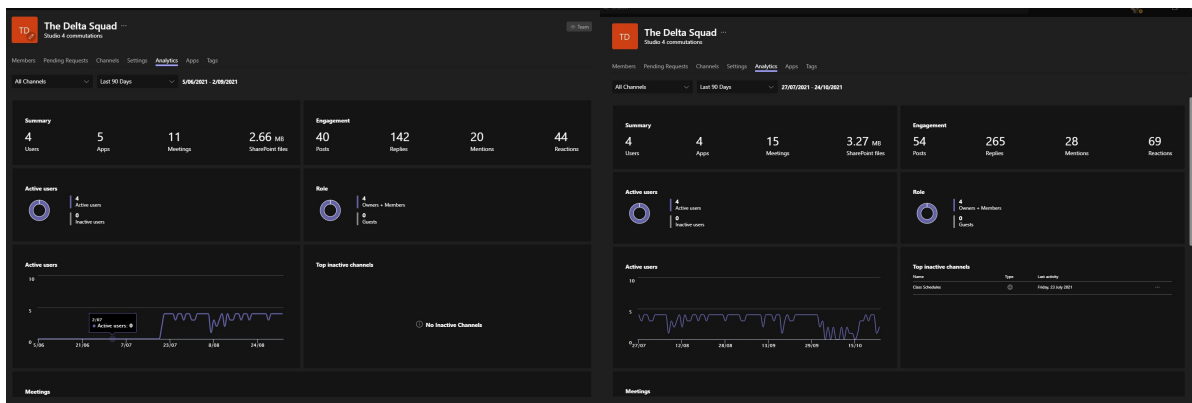
Monday	Tuesday	Wednesday	Thursday	Friday	Weekends
10.30am-Noon	10.30-Noon	Conflicting	1pm - 5pm	1pm-5pm	Mitchell Working
	3.30-5pm	Timetables			
10.30am Teams	10.30am Teams	15-20 Min Stand up before the end of studio class	1pm Teams	1pm Teams	
Sam Working 5pm-8pm	Sam Working 5pm-8pm	Sam Working 5pm-8pm	Sam Working 5pm-8pm	Sam Working 5pm-8pm	

Meeting Times Available

Pages 8

Find a Page...

- Home
- 01. Project Scrum Guide
- 02. Project Sprint Guide
- 03. GitHub Guide
- 04. Laravel, Testing, & QA Guides
- 05. Continuous Deployment Documentation
- 06. Meeting & Class Scheduling
 - Daily Stand-Up Plan + Group Work



Finish the last code review, ready to merge to master during Wednesdays class session. I think we have to wait til then?
I'm not entirely sure so will check with martin in the morning. We can at least have it conflict free and ready to merge in during Wednesdays class session.

See less

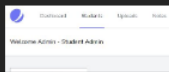
Sprint review + Code Review Sprint 2 Completion Pull Request started



Hey guys just having a meeting with one of my lecturers will join you guys asap

[illegible]

500SERVER ERROR



- [Improved Product Backlog Information](#)
 - We are adapting the backlog so that each item in a sprint has user stories, definition of the issue, potential solutions, task list of steps needed.
- [Project Discussion Pages](#)
 - to communicate, share ideas and [resources](#)
 - [get feedback on project workflow](#) improvements - (or, I am hoping to in this case)
 - Transfer [items to the wiki](#)

quests 1 Discussions Actions Projects 5 Wiki Security 2 Insights Settings

Scrum + Sprint Guidelines & Planning
Development & Testing
leggant

Git + GitHub Usage
Branching Guide
leggant

Git + GitHub Usage
Commit Guide
leggant

Scrum + Sprint Guidelines & Planning
Scrum Guide - PDF + W...
leggant

Search all discussions New Top: All Answered Unanswered Label New discussion

Categories
View all

- Announcements
- Deployment + CI + Heroku
- General
- Git + GitHub Usage
- Project Q&A
- Questions for Client
- Resources
- Scrum + Sprint Guidelines & Planning

Development & Testing
leggant started yesterday in Scrum + Sprint Guidelines & Planning

Testing Pull Requests Before Approving
leggant asked 2 days ago in Git + GitHub Usage · Unanswered

Laravel Routing Tutorial
leggant started 3 days ago in Resources

Commit Guide
leggant asked on 1 Aug in Git + GitHub Usage · Unanswered

Squash Commits
leggant asked 4 days ago in Git + GitHub Usage · Unanswered

Search or jump to... Pull requests Issues Marketplace Explore

BIT-Studio-4 / team-project-2021-s2-team-delta Private Watch 2 Unstar

Code Issues 40 Pull requests 3 Discussions Actions Projects 1 Wiki Security Insights Settings

Branching Guide #53
Answered by leggant leggant asked this question in Git + GitHub Usage

leggant 3 days ago Maintainer
I just wanted to quickly get some guidelines out for everyone to refer to/back to when needed. Please add suggestions if your experience has taught you a better way to handle branching. I will be keeping the wiki page dedicated to GitHub updated with your input here.

No Branch should be deleted at any stage of the project, as these form an important part of the commit history.

The Main Branch
A branch rule has been added to this which requires four code reviews to be completed before a merge is allowed to the main branch.

Category
Git + GitHub Usage

Labels
documentation GitHub Usage project wiki

2 participants

- [Project Wiki](#)
 - [Stand up Meeting Plan](#)
 - [GitHub Guide](#)
 - [Project Scrum Guide](#) - Needs to be updated
 - [Project Sprint Plan](#) - Also needs to be completed.
- <https://github.com/BIT-Studio-4/team-project-2021-s2-team-delta/discussions/217>

1.5 Use industry-standard communication and project management tools in a professional manner

[GitHub Discussion Board](#)

The screenshot shows a GitHub repository page for 'BIT-Studio-4 / team-project-2021-s2-team-delta'. The 'Discussions' tab is selected in the top navigation bar. The discussion is titled 'Friday 5/8 Meeting Summary #83' and was started by user 'leggant' 4 minutes ago. The content of the discussion includes:

- Summary of today's meeting**
Issue of teamwork + communication raised. Highlighted the importance of making an effort to use class time to collaborate.
- Commitment to engaging in the discussion board/daily stand-ups so that when we are not in the same room, communication is regular and no one is kept out of the loop.
 - Week 5, I still have not managed to get a consensus on the daily stand-up meeting times. This needs to be agreed to for the next sprint. Please engage in the discussion and attend the meetings as much as possible; letting us know if you can't make it.
 - Communication is a core element of being productive/agile.
 - Utilising class time to communicate with each other and the client is more productive vs. coding and not talking to each other.
- End of sprint 1 on Tuesday**
- Plan Friday - Monday**
There are two pull requests for review on GitHub
 - Please complete your reviews
 - Since we have each done work in the merge-fix branch, keep an eye on requested changes – if these involve your work please make

1. GitHub Wiki
2. Repo Changelog
3. Project Releases
4. Teams Channel - Stand Up Meetings
These are now occurring daily, usually on Teams.


TD

Team Meetings and Minutes

Posts

Files

+




Anthony Legg (03007276) 14/08 3:27 pm

Mitchell Scott (1000065400) can i call you quick to update you on where i'm at? so we dont cross over what we are working on

3 replies from you and Mitchell

Reply

Monday, 16 August 2021



Anthony Legg (03007276) 13/08 2:44 pm

- catch up on work done over the weekend.
- update on any new pull requests
- update on new or resolved issues
- Items that are ready to present to the client during class session

See less


Stand Up Meeting

Monday, 16 August 2021 @ 10:30 am

5 replies from you and Matthew

Reply

Tuesday, 17 August 2021



Anthony Legg (03007276) 16/08 11:29 am

- Check in on checklist items; update and add to where needed
- Go through issues list and clarify their requirements so that, we can avoid situations where one persons work is not interfering or delaying another.
 - i.e what happened with my work on the student model, migration that cut into Mitchell's work over the weekend

This requires everyone's input, if this time does not suit let me know today so we can change it.

See less

Stand Up Meeting

Tuesday, 17 August 2021 @ 10:30 am

Stand Up Meeting ended: 19m 24s

Attendance report


Click here to download attendance report

Team Meetings and Minutes

Posts

Files

+



Anthony Legg (03007276) 22/07 12:17 pm Edited

Will have a look over the issues and user stories in github in preparation for starting the first sprint on monday....if you guys are still ok to start then + review, update the Wiki content.

Catch Up Meeting

Saturday, 24 July 2021 @ 2:00 pm

Collapse all

Catch Up Meeting ended: 2m 42s

Attendance report

Click here to download attendance report

Meeting started

Matthew Revell (1000073025) 24/07 1:58 pm

hey

Matthew Revell (1000073025) 24/07 2:25 pm

Authorize CircleCI

CircleCI requires you to connect your account

Authorize

Authorize CircleCI

Mitchell Scott (1000065400) 24/07 2:25 pm

scotms2@student.op.ac.nz

Matthew Revell (1000073025) 24/07 2:26 pm

mrmattrevell@gmail.com or revemw1@student.op.ac.nz

Meeting ended: 47m 21s

Learning Outcome 2

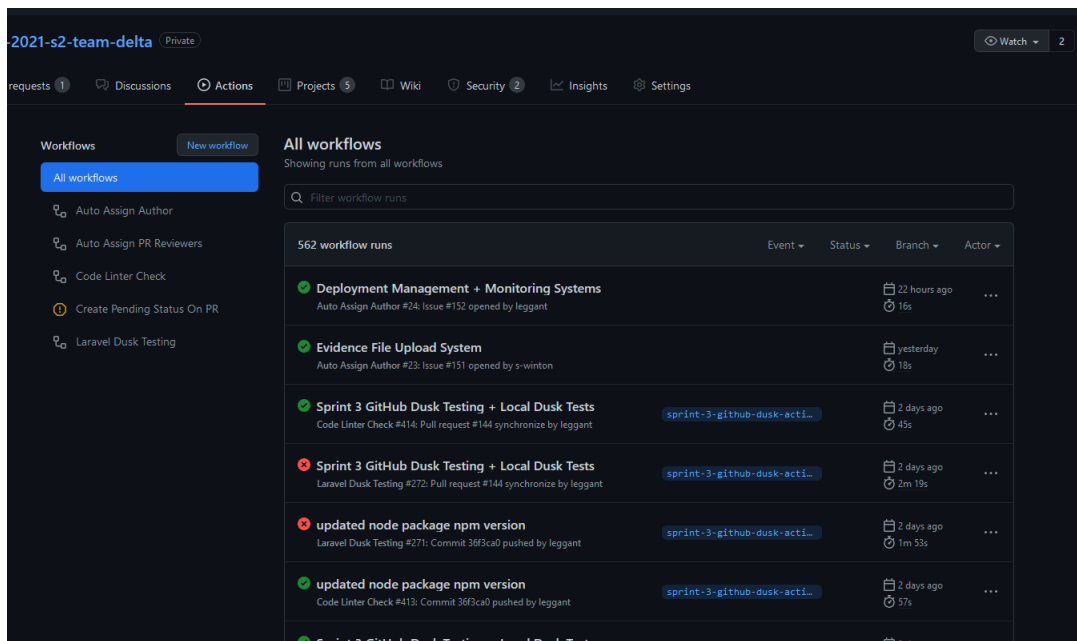
Analyse and manage development challenges to create production-quality outputs.

Improve the quality of the project (two or more of the following)

Contribute to Automated Test Suite

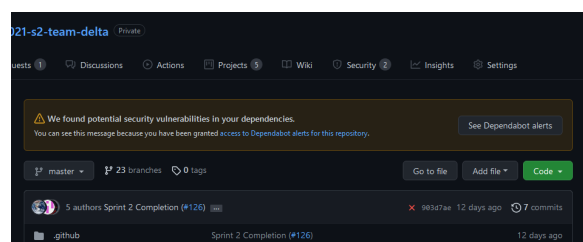
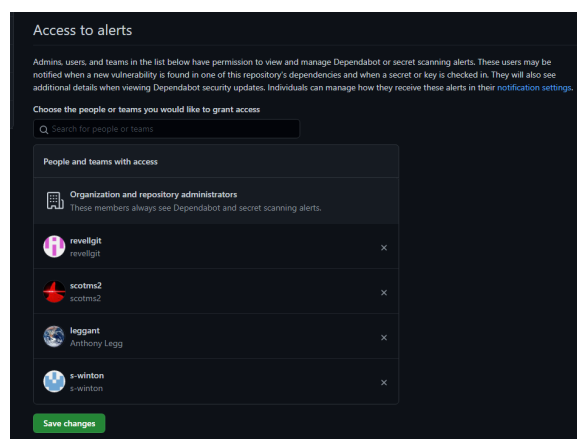
Sprints 1-3 I worked to get the GitHub automated test suite to work. This was up and running at the end of sprint 3. But was not able to be reliably used until sprint 5 when the tests themselves had their own errors resolved. The automated test suite is now set as a branch rule/guard on production and staging branches.

1. [Sprint 1 PR #57 - sprint-1-laravel-deployment-testing](#)
2. [Sprint 2 PR #121 - sprint-2-github-deployment-actions](#)
3. [Sprint 3 PR #144 - sprint-3-github-dusk-action](#)
4. [Sprint 3 - sprint-3-qa-students-evidence](#) Unfortunately Matt did not keep the [code I added in PR 144](#) which meant there was no working dusk testing available through to the end of the final sprint.
5. [Sprint 4 - Auto Changelog Script](#) was implemented in response to



Contribute to Project Security

- [Performed a security audit to identify potential vulnerabilities](#)
- [Code Review - private keys published to repo](#)

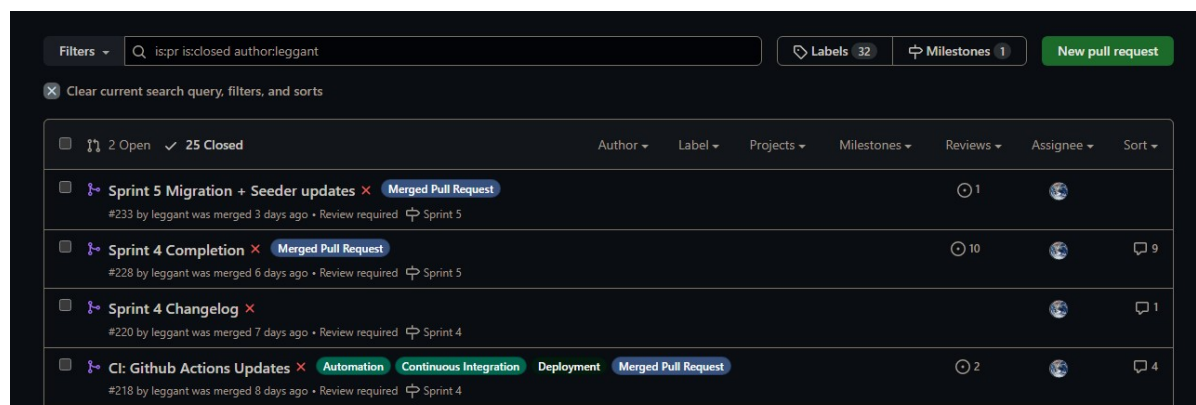


Contribution to Project Automation (CI/CD)

1. Configured the dusk test action, set this as a branch rule/guard on production and staging branches.
2. Automated assignment of pull request reviewers and assignees
3. Configured automated project kanban board - created a template version that could be copied for each sprint.
4. Configured GitHub Action to send reminders to PR reviewers if there are reviews that have not been completed. This is configured to send reminders via the project's teams channel.
5. Composer automated security check actions. Set this as a branch rule/guard on production and staging branches.
6. Configured automated code linter check action. Set this as a branch rule/guard on production and staging branches.
7. Configured `Prettier` formatter, to scan and format project code locally. This included writing and testing the [configuration](#) and [ignore files](#) to ensure this automation did not format any code that was not written by the project team.
8. Configured

Participate in Code/Solution Review to Ensure High-Quality Outputs

1. [Pull Request #159 - Sprint 3](#)
2. [Pull Request #75 - Sprint 1](#)
3. [Pull Request #81 - Sprint 1](#)
4. [Pull Request #106](#)
5. [Pull Request #134 - Review 1 + Review 2](#)
6. [Pull Request #164 - Sprint 3](#)
7. [Pull Request #198 - Sprint 4](#)
 1. [Pull Request #198 - Sprint 4](#)
 2. [Pull Request #198 - Sprint 4](#)
8. [Pull Request #211 - Sprint 4](#)



Full List Closed of Pull Requests

2.2 Respond to feedback to produce high quality outputs
