

# **Anthony Legg - Studio 3 Final PDR**

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[Link To GitHub Repo](#)

[Link To Studio Website](#)

[Link to GitHub Markdown PDR](#)

## **Evidence For Submission**

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

#### **PDR-1**

A major goal for me is to develop and improve my communication, leadership and stress-management skills. I would like to work on being less reactive when issues arise; this reaction does not serve me well or anyone else.

#### **Final PDR:**

The goals outlined in my first PDR remain the same. I would like to continue to develop leadership, communication skills; I know that if I put better stress management practices in place, my interactions with others during high pressure, conflicting situations could be improved.

### **What has gone well? What are your strengths?**

#### **PDR-1:**

Strengths are communication, reliability, empathy and self-motivation. The project team made a number of changes following the first sprint; placing more emphasis on working together and communicating more frequently.

#### **Final PDR**

Despite the many challenges faced, the core team consistently worked together to overcome them and meet the clients objectives.

- Motivated and engaged team members throughout the project.
- A supportive team environment, everyone's input was valued
- Anyone that faced a hurdle was able to get help/advice from others in the group.
- Daily contact throughout the sprint, during mid-semester break. This helped to ensure everyone was sticking the sprint plan and would be prepared for the next meeting with the client.
- Despite all the strong personalities in the group, there was never any clashing. Differences in opinions and understanding of a issue were talked, and worked through.
- Frequent communication on and off campus.

## **What could have gone better and how?**

### **PDR-1:**

The project's first sprint was chaotic; I think it was hindered by each of us concentrating solely on completing tasks related to our feature and getting up to speed with our other papers. Working in isolation at the very beginning of the project meant that our code only worked in isolation. When it came to merging, we had a major issue. From this point we began making more of an effort to communicate daily in some form and requesting changes in our code reviews so that naming conventions align across branches.

### **Final PDR:**

- Group members held on to the mindset that sections of the app were theirs. Sprint 3, I tried to make the point that this was creating an inconsistent user experience, and that we needed to make sure that each part of the site was not so isolated that it creates an inconsistent user experience; This took some work to shift this mindset, which was still causing issues in sprint 5.
- GitHub was a source of anxiety for some on the team. I think there is a lack of understanding of it, and how to handle it when it breaks which turned a few of the guys away from using its other features. Result was that the rest of us had to pick up managing the repo, keeping project board up to date, updating the Wiki.
- Lack of regular class attendance resulted in misunderstandings about what the client required. Communicating this information more proactively could help to bridge this gap.

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

### **PDR-1**

Next steps are to keep actively engaging the project team; try to create a space where everyone has equal opportunity to have input on the project while not allowing progress to slow down due to lack of engagement. Self-development needs to include researching Laravel to figure out the best solution.

### **Final PDR:**

Next steps are to keep challenging myself, continue to further develop the skills needed to work well within a team environment. I would like to better handle conflict so that I avoid taking a problem personally. For example, when a team member ignores something that was agreed to by everyone and documented in the project Wiki. Stress management is still a on-going issue for me which I need to pay more attention to. This affects how I interact with people in stressful situations. In terms of sustainability, I need to work harder to take better care of myself so that I interact with others more positively, when conflicts occur.

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

### **PDR-1**

At this point, there are a couple of major issues within the project team. Engagement of all 5 team members in the project GitHub repo, sprint planning, group work and code reviews is one issue for 2 team members. One team member is rarely available, does not make contact unless it is to let us know he will not be available. We are keeping him up-to-date via teams, providing him assistance to get his home development environment set-up and helping him with Laravel and

blade templating which he has been struggling with. We are assigning him tasks that give him some space to learn Laravel while working on CSS and app deployment which are more familiar and easier to achieve while he gets up to speed.

## Final PDR

The issues described in PDR-1 generally remained the same through to the end of the last sprint.

- Because we were told at the start that we were individually responsible for our feature, there was a tendency to not share the load. I think more effort needs to be put into alternating features between sprints
- My own personal barriers, have been my stress management. I have to get this in check by finding effective ways of managing a balance between study and the things I enjoy outside of it. Something that is seriously lacking for me right now.

## What is not clear or is uncertain?

**PDR-1:** How to get everyone to take part in the project repo. Seems like 3 of us are really engaged in keeping it up to date, making submissions to the sprint reflection, code reviews. How to get more input from the client during the sprint is also something we need to address.

### Final PDR:

- I think we needed more guidance on how to handle what was happening with Joseph, we all tried so hard to include him, support him and get his input.
- There was inconsistent messaging on responsibility of features in that initially we were told that we would individually be responsible for one feature, then this changed to everyone is responsible for all features, then it shifted back to individuals. This confused us, and is still confusing. Contributed to the resistance to sharing the workload on features.

# Learning Outcome 1

Analyse user requirements to inform technical project work and produce user-centric functionality.

## 1.1 Capture project requirements in the form of User Stories

### [Login System | Issue #137](#)

The screenshot shows a GitHub issue page for 'Homepage Login Form' (Issue #137). The issue is marked as 'Closed' and was opened by 'west04' 28 days ago. The description contains several comments from 'west04' and 'legant' discussing the requirements for a login system. The sidebar displays the 'Sprint 4 Plan' with various tasks and their status. Labels like 'Client Requested Changes' and 'user story' are applied to the issue. Projects are listed under 'Sprint 4 - 17/05 - 31/05'.

## Data Security | Issue #147

The screenshot shows a GitHub issue titled "Data Security #147". It is marked as closed by "leggant" 16 days ago. The first comment from "leggant" discusses the need for a secure student management system accessible only to lecturers. A "User story" label was added 16 days ago. Another comment from "westcl4" suggests wording: "As a lecturer, I need a student management system that is secure, has access available only to lecturers to ensure data integrity." This comment was made 15 days ago.

## Evidence Uploads | Issue #9

The screenshot shows a GitHub issue titled "Upload Student Evidence Links #9". It is marked as closed by "leggant" on Mar 1. The first comment from "leggant" asks for the ability to add word documents and PDF files as attachments or OneDrive links. Labels "user stories" and "user story" were added and removed on Mar 1. A follow-up comment from "leggant" on Mar 4 suggests simplifying the upload form. Below the comments is a detailed checklist:

- Simplify the upload form details, remove some inputs i.e. the medical cert upload area that is currently there.
- Add a search by student name field.
- Add a file name field for the user to insert a new file name or search file name.
- Display filenames, students these are associated with
- Show the file location/download link
- Display data in a HTML table so that it is displayed clearly and can be search by row

## **1.2 Contribute in a meaningful way to coding and releasing features that meet the user requirements**

A large part of my contribution in this area to organise the team, pushing them when needed to write a code review, attend a stand up meeting or code jam and to keep them on target.

The screenshot shows a GitHub pull request discussion. A commit message by "Anthony Legg" adds event listeners to an anchor and input elements. Another commit by "Mohammed Alhusan" adds a button to toggle the disabled state of an input. A third commit by "Anthony Legg" adds a function to check if a group exists. A comment from "MA" suggests using "IFS="," read -r -a groups <<< \$1 for groups in "\$groups[@]"; do". The pull request was merged 23/05 3:37 pm. The footer indicates the meeting ended at 1h 42m.

1. [Upload Student Evidence Links #9](#)
2. [Evidence Form Upload - With CRUD #127](#)
3. [Homepage Login Form #137](#)
4. [User registration system protection + error handling #156](#)
5. [Sprint 4 authentication system #148](#)
6. [Data Security #147](#)

7. [Sprint 5 css update #182](#)
8. [Sprint 5 - Deployment Merge #186](#)

## [GitHub Insights](#)



## 1.3 Demonstrate an iterative approach to project work using Design Thinking techniques

### Sprint 4 - Login Form

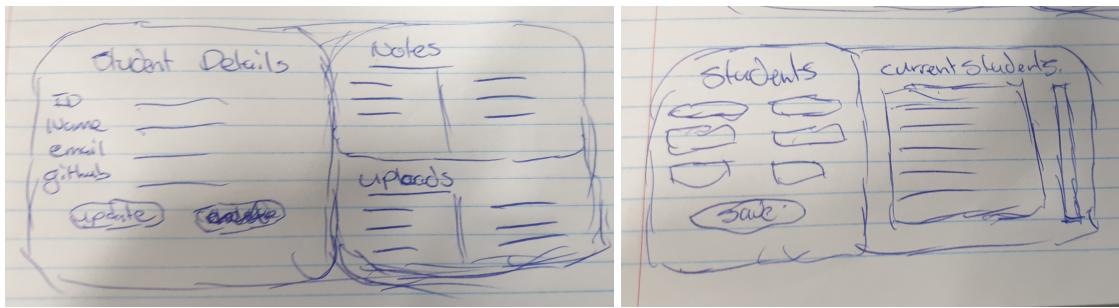
#### [Homepage Login Form #137](#)

The image shows a GitHub repository page for "Sprint 4 Plan". On the left, there is a hand-drawn wireframe sketch of a login interface with fields for "Email" and "Password". On the right, there is a screenshot of the final design of the login form, which features a large modern building at night. Below the screenshots, a list of GitHub commits is shown, detailing the development process:

- leggant commented 26 days ago: Sprint 4 Plan
- leggant moved this from Sprint 4 Back-Log to To-Do in Sprint 4 - 17/05 - 31/05 25 days ago
- leggant moved this from To-Do to In Progress in Sprint 4 - 17/05 - 31/05 25 days ago
- leggant commented 25 days ago: Login form update
- leggant mentioned this issue 25 days ago: Sprint 4 login form + evidence upload feature #143
- leggant moved this from In Progress to Client Review in Sprint 4 - 17/05 - 31/05 23 days ago
- leggant linked a pull request that will close this issue 23 days ago

### Sprint 5 - Layout Updates

- [Sprint 5 - Update Layout Issue #160](#)
- [Sprint 5 - Homepage Updates Issue #119](#)



## 1.4 Participate in code review to ensure high-quality outputs

### List Of All My Code Reviews

- <https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/152#pullrequestreview-669662404>
- [https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/174#discussion\\_r646311388](https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/174#discussion_r646311388)
- [https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/174#discussion\\_r646259032](https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/174#discussion_r646259032)
- <https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/132#pullrequestreview-657520076>
- [https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/132#discussion\\_r630780850](https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/132#discussion_r630780850)
- [https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/132#discussion\\_r630782857](https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/132#discussion_r630782857)
- [https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/148#discussion\\_r639265481](https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/148#discussion_r639265481)
- [https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/133#discussion\\_r631518914](https://github.com/BIT-Studio-3/group-project-21-1-budget-marvel-avengers/pull/133#discussion_r631518914)

legant left a comment

Looking really good - just a couple of changes in the migration file

```
database/migrations/2021_03_16_061938_create_notes_table.php
```

22 - \$table->string('student\_email')->unique();
23 - \$table->string('github\_username')->unique();
24 + \$table->string('github\_url')->unique()->nullable();
18 + \$table->integer('student\_id', 50)->unsigned();
19 + \$table->string('studentID', 50)->unique();

Suggested change ⓘ

- \$table->string("studentID", 50)->unique();>required();
+ \$table->string("studentID", 50)->unique();

legant 22 days ago

The thing with fields is they are all required by default. You only need to apply a `nullable()` on fields that are not required.

Mohammed-alhasan 22 days ago Author

noted, will have them changed

Mohammed-alhasan 22 days ago Author

migrations are updated with nullable instead of Required

westd24 reviewed 22 days ago

database/migrations/2021\_03\_16\_061938\_create\_students\_table.php

24 + \$table->string('first\_name', 50)->unique();
18 + \$table->string('last\_name', 50)->unique();
19 + \$table->string('first\_name', 50)->required();
20 + \$table->string('last\_name', 50)->required();

westd24 22 days ago

Why aren't First Name and Last Name required?

Mohammed-alhasan 22 days ago Author

They are required, are you reading the new changes?

legant 22 days ago + edited

they are all required by default - there is no need to define them as required, you only need to add nullable if they are not required.

westd24 22 days ago

You just updated them - I see them now!

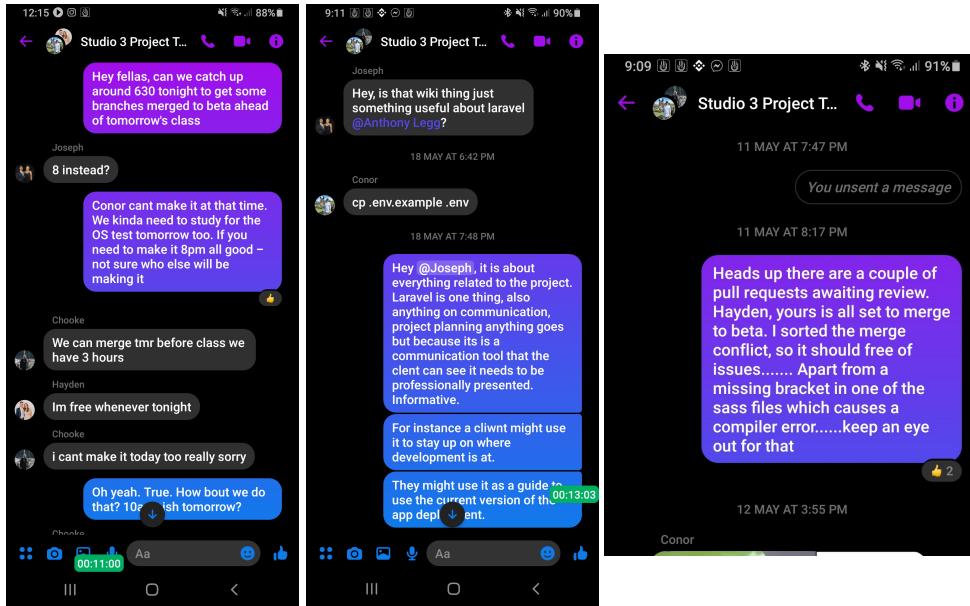
Unresolve conversation westd24 marked this conversation as resolved.

# Learning Outcome 2

Employ ethical and sustainable development methodologies and tools in a team environment.

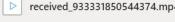
## 2.1 Communicate within a team in order to maintain sustainable productivity

### Messenger



### Microsoft Teams

Anthony Legg (03007276) 7/05 8:27 pm  
<https://www.codetree.org/article/laravel-8-crud-example-from-scratch>

Conor West (1000074232) 7/05 8:28 pm  
 ...

Anthony Legg (03007276) 7/05 8:31 pm  
<https://dev.to/tanmizbilthesam/making-api-crud-create-read-update-delete-with-laravel-8-n-api-authentication-with-sanctum-19oh>

Anthony Legg (03007276) 7/05 9:50 pm  
**Form Method Spoofing**  
 HTML forms do not support `PUT` or `PATCH` actions. So, when defining `PUT`, `PATCH` or `DELETE` routes that are called from an HTML form, you will need to add a hidden `method` field to the form. The value sent with the `method` field will be used  
[See more](#)

MA Mohammed Alhasan (1000074297) 7/05 11:21 pm  

```
public function update(Request $request, $id)
{
    $students = Student::query();
```

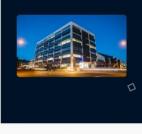
[See more](#)

Anthony Legg (03007276) 7/05 11:40 pm  

```
parseData() {
{
    read ...
}
```

[See more](#)

Meeting ended: 3h 34m





Meeting ended: 1h 29m

[Reply](#)

Anthony Legg (03007276) 21/05 9:04 pm  
 Scheduled a meeting

Catch UpStand Up  
 Sunday, 23 May 2021 @ 2:00 pm

[...>](#)

[Collapse all](#)

**Catch Up\$Stand Up started**

Anthony Legg (03007276) 23/05 2:23 pm  

```
<input type="text" id="lname" name="lname" disabled placeholder="current content"><br><br>
document.getElementById("lname").addEventListener("click", function(event){  

    event.preventDefault()  

});
```

Anthony Legg (03007276) 23/05 2:31 pm  

```
document.querySelectorAll("input");  


```

Mohammed Alhasan (1000074297) 23/05 2:40 pm  

```
<button class="submit-btn" type="button" onclick="ToggleReadOnlyState()>Edit</button>
<script type="text/javascript">
function ToggleReadOnlyState () {
```

[See more](#)

id="myText"  

```
<textarea id="myText" readonly="readonly" name="cohort-review" rows="4" cols="50" >
</textarea>
```

Anthony Legg (03007276) 23/05 3:37 pm  

```
checkIfGroupExists()
```

Meeting ended: 6h 10m

[Reply](#)





Meeting in "General" started

3 replies from Conor

Meeting ended: 1h 56m

[Attendance report](#)  
 Click here to download attendance report

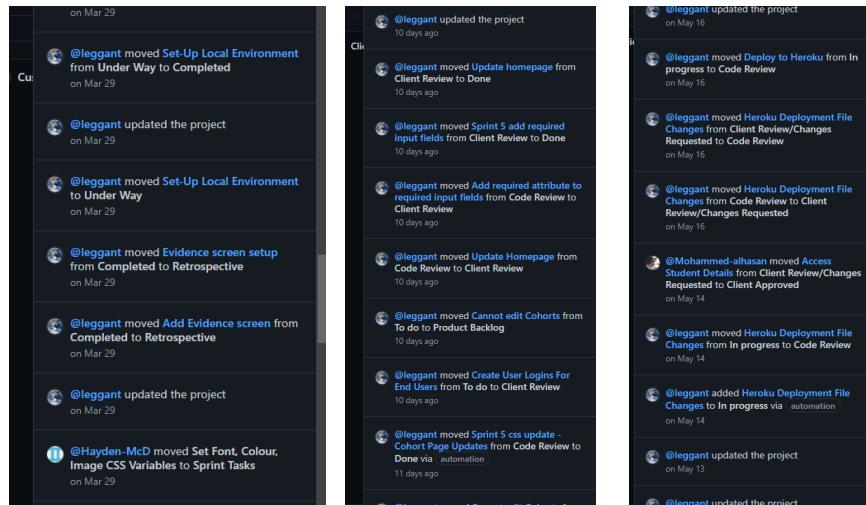
[Reply](#)

Regular Teams meetings allowed us to keep in touch off campus, help each other out with code issues, and maintain the momentum needed during each sprint.

## GitHub

### Project Kanban Boards

I continuously checked in on this to see how things were track, updating completed tasks with new labels, and moving cards to keep these up to date. Also



## Issues

1. [Deploy to Heroku #85](#)
2. [NPM Compiler Errors #74](#)
3. [Required Student Fields #58](#)
4. [Add required attribute to required input fields #163](#)

The image shows a GitHub issue page for 'Finalise Wiki Sprint Rules #99'. The status is 'Closed'. It has 3 comments. The last comment was made by Mohammed-alhasan on Apr 14, 2018. The comment text is: 'please have a look at the wiki 😊 @Josephhongg @Hayden-McD you need to post something there anything useful about Laravel 😊 ,it shows your contribute to the team , evidence for your PDR and it will help us to avoid conflicts when merging @leggant @westcd4 @Mohammed-alhasan already have a post there so we will wait for yours 👍👍'. There is a '1' under the like icon.

 **leggant** commented 17 days ago • edited

We are looking good here, however we should think about the feasibility of switching to having a "Deployment" branch separate from the "Base" branch

Heroku looks to the default branch ie main or base in our case, for deployment code. So heroku will only serve from the main branch.

 Merge branch 'base' into beta-testing

 7ef7eb0

**Deploy to Heroku #85** 

 **leggant** commented 18 days ago

@westcl4 @Hayden-McD @Josephhongg would be awesome if you guys could write a code review for this - so I can merge this before the next sprint starts.

 **leggant** requested a review from **Mohammed-alhasan** 18 days ago

 **westcl4** approved these changes 17 days ago 

**westcl4** left a comment

**Deploy to Heroku #85**  westcl4 opened this issue on Apr 9 • 4 comments

 **leggant** assigned **Josephhongg** and unassigned **Hayden-McD** on May 3

 **leggant** commented on May 3

@Josephhongg can you start looking into deployment to Heroku using Postgres? the Lucidchart modelling is not required as there is no relationship needed between database tables at this stage. This ticket has been closed and dropped from the sprint 3 project board.

 1

 **leggant** commented on May 5 • edited

@Josephhongg some good info here on heroku deployment for you to check out. Can you please let us know where you are at with this?

<https://dev.to/safventure/deploy-laravel-application-with-database-to-heroku-150>

 **Josephhongg** commented on May 5

I'll definitely take a look at this @leggant! I've been feeling under the weather as of late so I haven't done as much as I've wanted 😊

**Deploy to Heroku #85**  westcl4 opened this issue on Apr 9 • 4 comments

 **leggant** commented on May 5

No probs. Please let us know if there is anything we can do to help you out. If you have questions or are struggling with anything you got a whole team of people to talk to - just tell us.

If somethings to hard to easy or you dont understand whats needed we gotta know so we can sort it :)

 **westcl4** moved this from **Sprint Tasks/Product Backlog** to **In progress** in **Sprint 3 03/05-16/05/2020** 29 days ago

 **leggant** moved this from **In progress** to **Code Review** in **Sprint 3 03/05-16/05/2020** 24 days ago

 **leggant** moved this from **Code Review** to **Client Review/Changes Requested** in **Sprint 3 03/05-16/05/2020** 24 days ago

 **leggant** self-assigned this 24 days ago

 **leggant** added the **Ready For Client Review** label 24 days ago

 **leggant** linked a pull request that will close this issue 24 days ago 

**Heroku Deployment File Changes #136** 

 **leggant** closed this in **#136** 23 days ago

## Wiki

I made contributions to the following wiki pages, [also requested others for input into the code of conduct](#) page so the rules outlined were known and discussed.

1. [Wiki Home](#)
2. [Code Of Conduct](#)
3. [Code Snippets](#)
4. [Heroku Deployment](#)
5. [Notes For Future Developers](#)

## Discussion Board

1. [NPM Compiler Errors #93](#)

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

### [GitHub Project Kanban](#)

A screenshot of a GitHub Project Kanban board. At the top, there are two cards: "Autumn Clean" (Private) updated on May 19 and "Sprint 3 03/05-16/05/2020" (Private) updated 8 days ago. The "Sprint 3" card has the following sections:

- What went well**
  - The plan created at the beginning of the sprint helped to keep everyone on track.
  - Clearly defined tasks kept everyone on track.
  - More engagement with the client, which gave each of us a clearer idea about what was required.
  - Lots of complexity removed from the project
- What Can Be Improved In Future**
  - Everyone taking a more active role in code reviews.
  - Everyone contributing to the sprint.
  - Issues need to be addressed on days 1-3 of the sprint, not the final days.
  - More communication on expectations and ability to complete the work required so that these issues can be addressed immediately and not at the end of the sprint.
  - More communication on features expected from the client
- What We Will Commit To Doing In The Next Sprint**
  - Create a plan to account for a large number of assignments and exams that are coming over the next 6 weeks
    - To include a plan to have regular and consistently attended group meetings
    - Plan to have regular group coding sessions where issues with code development can be addressed by the group.

A screenshot of a GitHub Project Kanban board. At the top, there is one card: "Sprint 4 - 17/05 - 31/05" (Private) updated yesterday. The card has the following sections:

- What went well**
  - Achieved goals.
  - Solid plan set at the start.
  - Delegation and management of tasks.
- What Can Be Improved In Future**
  - During the sprint, there was a lot of time constraints due to assignment commitments - this caused delays in completing sprint on time. Need to plan for this in sprint 5 because the same issue is going to come up.
  - Maintaining teamwork and communication through demanding loads especially concerning other papers
  - Sticking to dedicated meeting times set out in the Project Code of Conduct
  - Improved use of checklists in user stories
- What We Will Commit To Doing In The Next Sprint**
  - Keep committing to producing features
  - Client-Developer consultation including having the client take part in mockups and prototypes
  - Tagging clients in discussions and conversations across GitHub and Teams

## GitHub Wiki

1. [Code Snippets](#)
2. [Notes for Future Developers](#)
3. [Deploying to Heroku](#)

06. Notes for Future Developers  
westc14 edited this page 8 days ago · 5 revisions

**Code Blocks That Might Come in Handy**

1. Password Reset This Code Block was removed from the login form at the client's request. It will likely be needed in future.  
From /resources/views/auth/login.blade.php

```
<div class="remember">
@if ($route->has('password.request'))
    <a href="{{ $route('password.request') }}>
        {{ __('Forgot Your Password?') }}
    </a>
@endif
</div>
```

2. Cohort Screen

- Client has requested that the Cohort View screen becomes the main view of the Cohort system. This will be done by having editable text boxes in the Cohort View, with individual Cohort pages generated and pre-filled with the Studio papers and empty student boxes.
- The client has requested that easy navigation is facilitated by buttons on each page that leads to the next semester/year in chronological order, e.g. Semester 1 2020 <- Semester 2 2020 -> Semester 1 2021 (if Semester 2 2020 is the currently viewed page)
- The cohort edit function has been commented out.

Pages 7

- Find a Page...
- Home
- 01. Project Code of Conduct
- 02. Code Snippets
- 03. GitHub Commands and Usage Guide
- 04. Laravel naming conventions
- 05. Heroku Deployment
- 06. Notes for Future Developers

+ Add a custom sidebar

Clone this wiki locally  
https://github.com/BLT-Studio-3/

## GitHub Discussion Board

1. [Laravel Eloquent Github discussion board](#)
2. [Heroku Deployment Information](#)
3. [Npm Compiler \(Issue #93\) Posted to discussion board for future reference.](#)

## **2.3 Contribute to producing safe, accessible, usable and useful software**

1. [Secured Application Front End + Registration Form](#)
2. [Created Online Hosting, User Access Accounts](#)
3. [Deployed Application To Heroku](#)

## **2.4 Employ leadership and conflict management techniques to sustain an agreed workflow**

[GitHub Wiki Code of Conduct page](#)

Encouraged [everyone to contribute to the CoC page](#)

Frequently meeting and discussing how we were tracking helped to tackle any issues before they became massive problems.

**New channel meeting started**

- Collapse all

This message has been deleted.

Meeting ended: 10m 26s

Reply

Sunday, 25 April 2021

**Anthony Legg (03007276) 24/04 6:02 pm**  
Scheduled a meeting

**Sprint Cleanup Meeting - 100% Not To Be Skipped - Please Let Us Know If You Cannot Be There**

Sunday, 25 April 2021 @ 100 pm

Conor West (0000074232) 25/04 2:01 pm  
See you guys soon!

Reply

**Meeting in "General" ended: 2h 51m**

Reply

Tuesday, 27 April 2021

**Anthony Legg (03007276) 31/05 6:06 pm**  
Scheduled a meeting

**Stand-Up \ Coding Sess.**

Tuesday, 1 June 2021 @ 7:00 pm

4 replies from you

Reply

Sunday, 6 June 2021

**Meeting in "General" ended: 2h 30m**

Reply

Monday, 7 June 2021

**Meeting in "General" ended: 1h 51m**

Reply

Wednesday, 9 June 2021

**Meeting in "General" started**

5 replies from Conor and Mohammed

Reply

**Meeting in "General" started**

4 replies from you and Conor

Reply

The browser is running slowly