Retrospective Sprint <1> of Group <PFTC7REMOTE>

Personal Fitness Trainers Club

Tien Dat Le - a1730614

Zhao Ming Soh - a1751699

Tang Thieu Kien - a1738166

Zhi Tong - a1736023

Carlos Atis - a1731835

Yian Xie - a1702241

Quan Tang - a1758910

Jinhong Xiong - a1753701

Yutong Qu - a1738747

Snapshots (Group):

Snapshot 1.1 Week <WEEK-3> of Group <PFTC7REMOTE>

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1. Product Backlog and Task Board

Product backlog: (From Github) - Pictures are ordered from left to right.

21 Product Backlog

PT PART

Added by a1753701

As a personal trainer
I want to be able to register and login into the PTFC system by creating a PT profile
So that I can advertise my services to a broader audience

Acceptance Criteria

1. Page redirection (PT):
   Given: a personal trainer on the personal trainer profile page of the website
   When: they click on the home, profile (that includes change password and set availability buttons), the client (that includes the client profile picture) or message (that includes the inbox and send message buttons) buttons
   Then: they are redirected to that particular page

Added by a1738747

As a personal trainer, I want to create a profile, so that I can show my skill sets to clients

Added by a1751699

As a Personal Trainer,
I should have a chat messaging facility
So that I can communicate with clients

Acceptance Criteria:

1. Messaging (PT)
   Given: a personal trainer on the personal trainer message page of the website
   When: the personal trainer clicks on to any of the existing messages contained in the inbox or the send message button
   Then: in the case of the existing messages, a reply box at the bottom of each message can be used for messaging and in the case of a send message button, a form containing a couple of input fields can be used to formulate a message to whoever was specified.

Added by a1730614

As a personal trainer
I want to be able to edit my profile information
So that the information can be corrected or updated

Acceptance Criteria :

1. Personal Details and Password modification(PT):
   Given: a personal trainer on the personal trainer profile page of the website
   When: they click onto any of the input fields in the personal detail page or change password page
   Then: he/she can key in new information and update it via the save button at the bottom of each page.

Added by a1738747

As a personal trainer
I want to be able to set my availability
So that clients can make bookings accordingly

Acceptance Criteria:

1. Set availability (PT):
   Given: a personal trainer on the personal trainer profile page of the website
   When: they click on the add or delete button
   Then: the personal trainer can insert a new schedule to each of the relevant days' box based on the selected week and they can also delete any of the selected schedule boxes.

Added by a1738747

As a Personal Trainer,
I should have a client management page
So that I can manage my clients

Acceptance Criteria :

1. View Client Profile (PT)
   Given: a personal trainer on the personal trainer client page of the website
   When: the personal trainer clicks onto the profile picture of its client
   Then: they are redirected to the client's profile page

2. Search Client (PT)
   Given: a personal trainer on the personal trainer client page of the website
   When: the personal trainer clicks onto the search bar
   Then the personal trainer will be prompted to key in the client's name that he/she wished to search for and that client will appear as the first result

Added by a1751699

3. Client Management (PT)
   Given: a personal trainer on the personal trainer client page of the website
   When: the personal trainer clicks onto the rubbish bin icon or the message icon
   Then: in the case of the rubbish bin icon, the client will be notified that they are dropped from his/her workout session, in the case of the message icon, the PT will be redirected to the send message page.

Added by a1751699

USER PART

Added by a1753701

As a client
I want to be able to register into the PTFC system
So that I can log into the system afterwards

Added by a1738747

As a USER,
I want to chat with potential PTs
So that I can communicate with them

Added by a1730614

As a USER
I want to create a profile
So that I can see my progress and personal information

Added by a1730614

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I want to see a list of PT
So that I can book a session with that PT

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ADMIN PART

Added by a1753701

As an administrator
I want to see all incoming PT registration requests
So that I can approve or reject them

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As an Admin, I wanna see all relationship between users and personal trainers. Of course I can edit them

Added by a1753701

As an ADMIN,
I want to have a dashboard
So that I can manage all PTs and clients

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As an administrator
I want to see all registered users (PTs and Clients)
So that I can suspend or activate them

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As an Admin, I wanna see popularity of each personal trainer(Show a sequential list)
So that I can rank them

Added by a1753701

As an Admin, I wanna edit timetable for each PT so that both User and PT can better plan their time

Added by a1753701

(Word Version gives more clarity to the entire product backlog) :

ID	As a...	I want to be able to...	So that...	Priority	Sprint	Status
1	Personal Trainer	I want to be able to register and login into the PTFC system by creating a PT profile	I can advertise my services to a broader audience	Must	1	Work in Progress
2	Personal Trainer	have a chat messaging facility	I can communicate with clients	Must	1	Work in Progress
3	Personal Trainer	edit my profile information	the information can be corrected or updated	Must	1	Work in Progress
4	Personal Trainer	set my availability	clients can make bookings accordingly	Must		To be Started
5	Personal Trainer	have a client management page	I can manage my clients	Must		To be Started
6	Personal Trainer	be notified of the client's bookings	I can start my business	Must		To be Started
7	Personal Trainer	have a chat messaging facility	I can communicate with clients	Must		To be Started
8	User	register into the PTFC system	I can log into the system afterwards	Must		To be Started
9	User	chat with potential PTs	I can communicate with them	Must		To be Started
10	User	create a profile	I can see my progress and personal information	Must		To be Started
11	User	see a list of PT	I can book a session with that PT	Must		To be Started
12	Administrator	see all incoming PT registration requests	I can approve or reject them	Should		To be Started
13	Administrator	see all relationship between users and personal trainers	I can edit them	Should		To be Started
14	Administrator	have a dashboard	I can manage all PTs and clients	Must		To be Started
15	Administrator	see all registered users (PTs and Clients)	I can suspend or activate them	Should		To be Started
16	Administrator	see popularity of each personal trainer (Show a sequential list)	I can rank them	Should		To be Started

17	Administrator	edit timetable for each PT	both User and PT can better plan their time	Should		**To be Started**

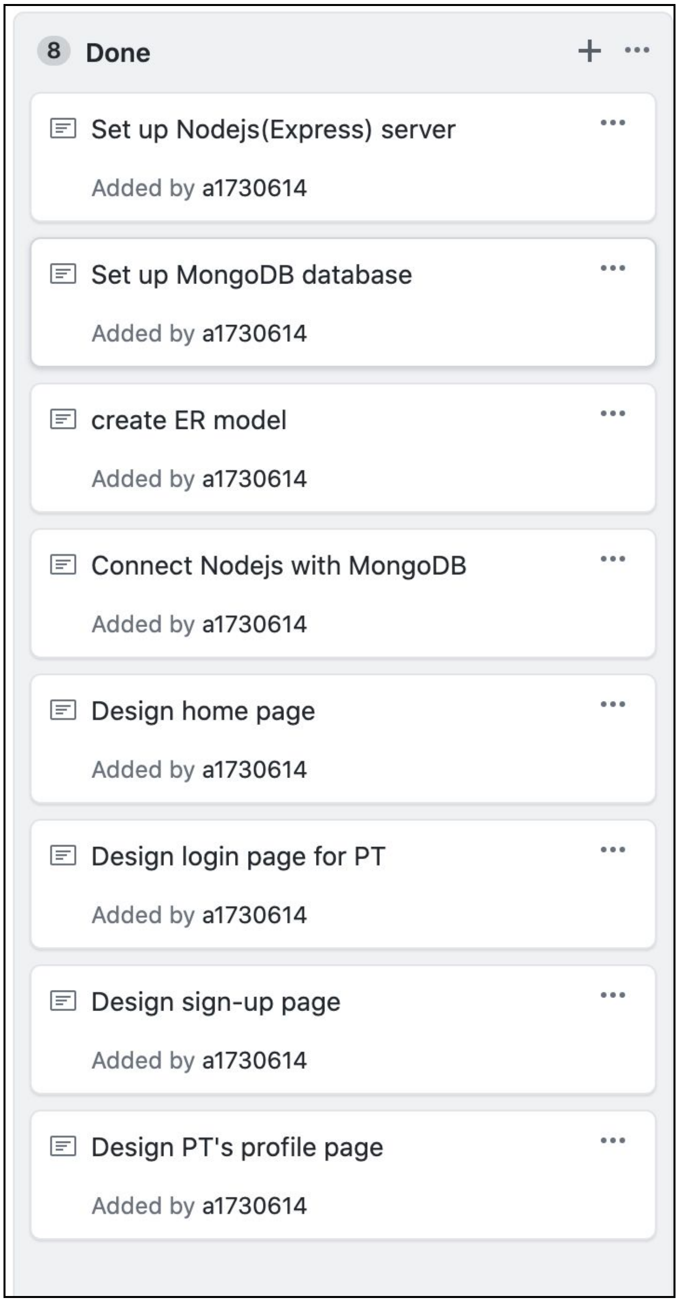
Taskboard (Github):

4 Task board

- Implementing PT's profile page
  Added by a1730614
- Implementing login page for PT
  Added by a1730614
- Implementing sign-up page for PT
  Added by a1730614
- Implementing home page for PT
  Added by a1730614

1 In progress

- create data plan (list all route that we gonna use)
  Added by a1730614



(Word Version of the task board) :

To Do	Doing	Done
• Implementing PT's profile page • Implementing login page for PT • Implementing sign-up page for PT • Implementing home page for PT	• create data plan (list all route that we are going to use)	• Set up Nodejs (Express) server • Set up MongoDB database • create ER model • Connect Nodejs with MongoDB • Design home page • Design login page for PT • Design sign-up page • Design PT's profile page

2. Sprint Backlog and User Stories

Sprint backlog:

21 **Product Backlog**

PT PART

Added by a1753701

As a personal trainer
I want to be able to register and login into the PTFC system by creating a PT profile
So that I can advertise my services to a broader audience

Acceptance Criteria

1. Page redirection (PT):
   Given: a personal trainer on the personal trainer profile page of the website
   When: they click on the home, profile (that includes change password and set availability buttons), the client (that includes the client profile picture) or message (that includes the inbox and send message buttons) buttons
   Then: they are redirected to that particular page

Added by a1738747

As a personal trainer, I want to create a profile, so that I can show my skill sets to clients

Added by a1751699

As a personal trainer
I want to be able to edit my profile information
So that the information can be corrected or updated

Acceptance Criteria :

1. Personal Details and Password modification(PT):
   Given: a personal trainer on the personal trainer profile page of the website
   When: they click onto any of the input fields in the personal detail page or change password page
   Then: he/she can key in new information and update it via the save button at the bottom of each page.

Added by a1738747

As a personal trainer
I want to be able to set my availability
So that clients can make bookings accordingly

Acceptance Criteria:

1. Set availability (PT):
   Given: a personal trainer on the personal trainer profile page of the website
   When: they click on the add or delete button
   Then: the personal trainer can insert a new schedule to each of the relevant days' box based on the selected week and they can also delete any of the selected schedule boxes.

Added by a1738747

User stories selected for the current Sprint :

User Stories	Related task
1. As a personal trainer, I want to registry or login into the PTFC system, so that I can utilise this website further on.	1. Implement frontend UI for the homepage. 2. Implement frontend UI for PT registration. 3. Implement frontend UI for PT login. 4. Implement backend services to store PT information for login and certification.
2. As a personal trainer, I want to create a profile, so that I can show my skill sets to clients.	1. Implement frontend UI for PI profile. 2. Implement backend services to store PT profile data.
3. As a personal trainer, I want to edit a profile, so that I can update or correct my profile information.	1. Implement frontend UI of PI profile for PT personal information. 2. Implement backend services for PTs to update PT profile data.
4. As a personal trainer, I want to set my availability, so that clients can make bookings accordingly.	1. Implement frontend UI for PI to set the availability. 2. Implement backend services to store and

	update PT availability.

3. Definition of Done

1. Design reviews
   - It has to be minimalistic and conform to all of the user stories provided in each of the Sprint.
     i. For instance, a sign-up web page should contain the following things:
        - Input format that has a username field, an email field and password field.
        - A sign-up button to send a sign-up request and submit the data to the database.
        - A Facebook and a Google button that works as an alternative sign-up method.
        - A home button to redirect a client/personal trainer back to the homepage.
        - A login button to redirect a client/personal trainer to the login page.
        - A close button to cancel the sign-up and redirect the client/personal trainer to the previous page.
        - A horizontal select box for a client or personal trainer account.
        - A terms and conditions notification.
2. Coding
   - It has to conform to our agreed coding standards laid out in the initial report, such as:
     i. Variable names that clearly indicate the purpose of the variable.
     ii. Appropriate indentation and line breaks for readability that conform to all of the listed programming languages.
     iii. Well-understood comments at the start of code explaining the purpose of the code.
     iv. Consistent and applicable use of space to make code readable.
3. Acceptance Testing
   - The webpage functions and features must work as stated in the acceptance criteria for each of the user stories.
     i. For instance, a personal trainer should be able to change and update his/her own personal information in his/her profile page. To verify these criteria, there should be a graphical example of such an action.

- It can also include the more technical aspects of acceptance testing, such as the implementation tasks of the user stories in the current sprint should work as follows:
    i. If entering the registered user email with the correct password, check if login is successful and return a corresponding message to the user.
    ii. If entering the registered user email with the wrong password, check if login is successful and return a corresponding message to the user.
    iii. If entering the unregistered user email with any password, check if login is successful and return a corresponding message to the user.
    iv. If entering null email and null password, check if registration or login is successful and return a corresponding message to the user.
    v. If entering null email or null password, check if registration or login is successful and return a corresponding message to the user.
    vi. If entering a wrong format or invalid email, check if registration or login is successful and return a corresponding message to the user.
    vii. The password entered cannot be less than 8 characters or more than 50 characters.
    viii. The password entered on the web page is automatically hidden.
    ix. The password stored in the database is encrypted.
    x. The email and password recognise an upper and lower case of letters.
    xi. The different ranks of users have different permissions after login.
    xii. If entering null information when editing the profile information, check if editing is successful and return a corresponding message to the user.
    xiii. All codes before committing are tested.
    xiv. All codes before committing are with the appropriate indentation and line breaks.
    xv. All codes committed with a commit message, no more than 50 characters for the title and no more than 72 characters for the description.

4. Summary of Changes

Since the start of the project, the design template for the personal trainer interfaces has undergone several changes. At first, the design was too ambiguous as the features were all over the places and not consistent with what the page was meant to do. For instance, the first version of the personal profile design template had all kinds of features such as client monitoring boxes, messaging area and personal trainer profile information. The revised version has all of these features separated into their template such that the personal trainer profile exists strictly under the profile page and the messaging area purely exists under the message page. In terms of the product backlog and sprint backlog, we had added and removed some user stories to better reflect on the end-user usability and to minimise the workload for the front-end team as much as possible. For instance, we removed a user story that focuses on schedule for the personal trainer using a calendar as it may over-complicate the core features. In terms of the sprint backlog, initially, we included all of the personal trainer user stories and because of time constraint, we agreed to focus only on the personal trainer profile implementations.

Snapshot 1.2 Week <WEEK-4> of Group <PFTC7REMOTE>

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   Given: a personal trainer on the personal trainer client page of the website
   When: the personal trainer clicks onto the rubbish bin icon or the message icon
   Then: in the case of the rubbish bin icon, the client will be notified that they are dropped from his/her workout session, in the case of the message icon, the PT will be redirected to the send message page.

Added by a1751699

As a personal trainer
I want to be notified of the client's bookings
So that I can start my business

Acceptance Criteria:

1. Client’s booking request Notification (PT):
   Given: a personal trainer on the personal trainer message page of the website
   When: the client book a session with a particular personal trainer on the session booking page
   Then: the personal trainer will be notified via a message containing the booking request details.

2. Acceptance/Rejection of a client’s booking request (PT):
   Given: a personal trainer on the personal trainer message page of the website
   When: the personal trainer clicks on the accept or reject button
   Then: in the case of accepting, the client will be added to the PT client page for management and in the case of rejecting, the client will be notified that their booking request was rejected.

Added by a1751699

USER PART

Added by a1753701

As a client
I want to be able to register into the PTFC system
So that I can log into the system afterwards

Added by a1738747

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Word Version gives more clarity to the entire product backlog

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5	Personal Trainer	have a chat messaging facility	I can communicate with clients	Must		To be Started
6	Personal Trainer	have a client management page	I can manage my clients	Must		To be Started
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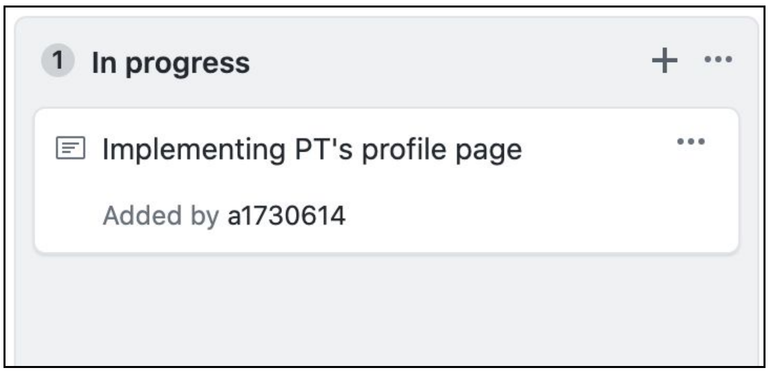
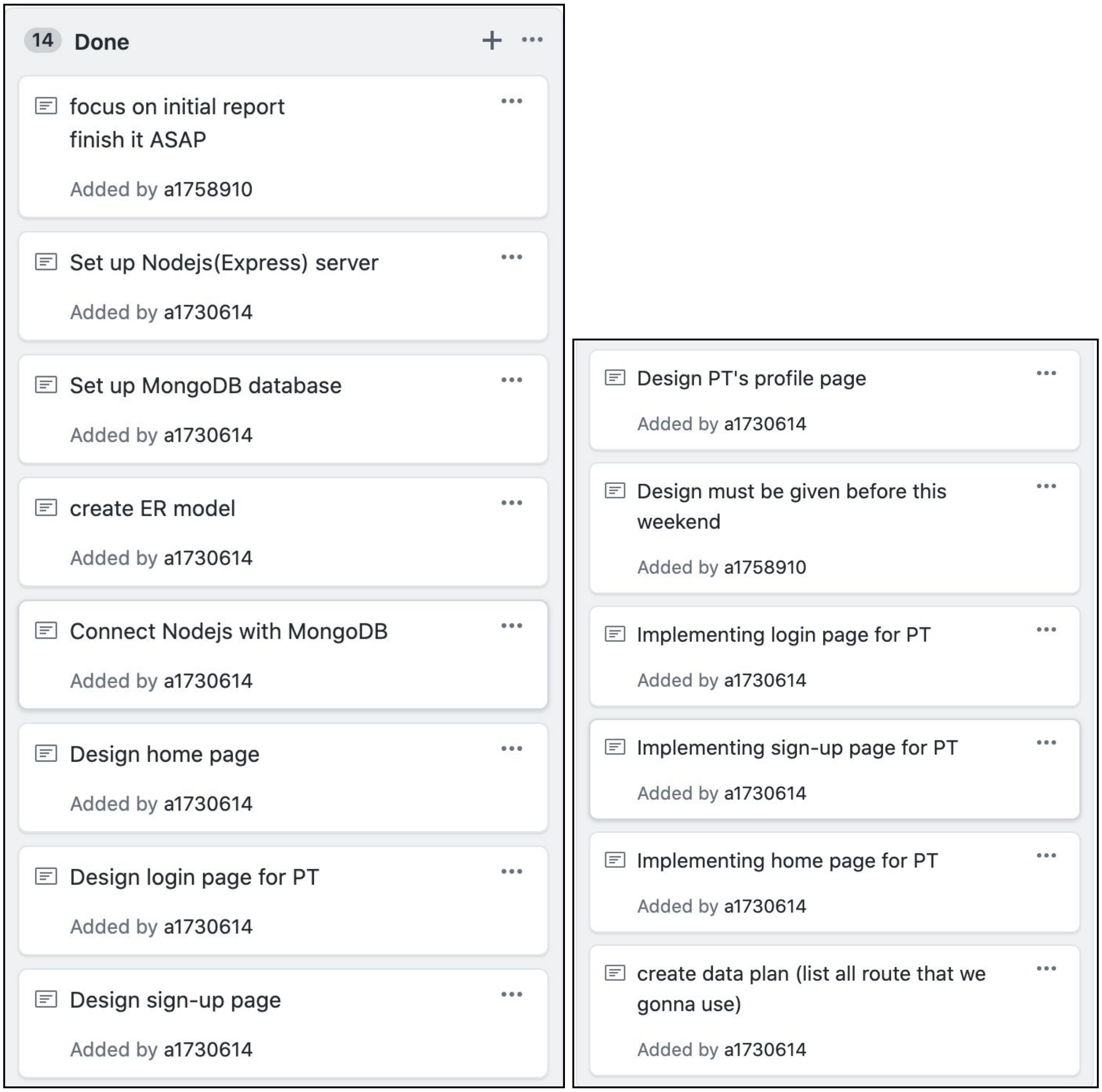
Taskboard (From GitHub)

- The task board is empty for this week in the current Sprint.





Word Version of the task board :

To Do	Doing	Done
	• Implementing PT's profile page	• focus on initial report finish it ASAP • Set up Nodejs (Express) server • Set up MongoDB database • create ER model • Connect Nodejs with MongoDB • Design home page • Design login page for PT • Design sign-up page • Design PT's profile page • Design must be given before this weekend • Implementing login page for PT • Implementing sign-up page for PT • Implementing home page for PT • create data plan (list all route that we are going to use)

2. Sprint Backlog and User Stories

Sprint backlog (From GitHub):

21 **Product Backlog**

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1. Set availability (PT):
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   When: they click on the add or delete button
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Added by a1738747

User Stories and Related Tasks Selected for the Current Sprint:

User Stories	Related task
1. As a personal trainer, I want to registry or login into the PTFC system, so that I can utilise this website further on. Also, I can sign out as I want.	1. Implement frontend UI for the homepage. 2. Implement frontend UI for PT registration. 3. Implement frontend UI for PT login. 4. Implement backend services to store PT information for login and certification. 5. Implement backend services for PT to sign in and out.
2. As a personal trainer, I want to create a profile, so that I can show my skill sets to clients.	1. Implement frontend UI for PI profile. 2. Implement backend services to store PT profile data.
3. As a personal trainer, I want to edit a profile, so that I can update or correct my profile information.	1. Implement frontend UI of PI profile for PT personal information. 2. Implement backend services for PTs to update PT profile data.
4. As a personal trainer, I want to set my availability, so that clients can make bookings accordingly.	1. Implement frontend UI for PI to set the availability.

	2. Implement backend services to store and update PT availability.

3. Definition of Done

1. Design reviews -
    a. It has to be minimalistic and conform to all of the user stories provided in each of the Sprint.
        i. The homePage should have the following things :
            1. Navigation bar -
                a. A Home logo that can redirect users of the site to the home page.
                b. A sign-up and login button to redirect users to the sign-up and login pages.
                c. A features drop-down menu that contains a bunch of redirecting options for different features of the site. (Since this is not the main purpose of our site, we may or may not implement this due to time constraint)
            2. Body -
                a. The site's heading followed by the site's description.
                b. A "Get-Started" button to redirect users of the site to the sign-up page.
            3. Footer -
                a. A set of crucial information such as about page, the home page, the contact us page and the support redirecting links. (The blog and guide redirecting links are optional)
                b. Social media links such as Facebook and Instagram. (Optional)
        ii. The Sign-in and Login Pages should have the following things :
            1. Sign-in page -
                a. Input format that has a username field, an email field and password field.
                b. A sign-up button to send a sign-up request and submit the data to the database.
                c. A Google button that works as an alternative sign-up method.
                d. A home button to redirect a client/personal trainer back to the homepage.
                e. A login button to redirect a client/personal trainer to the login page.
                f. A close button to cancel the sign-up and redirect the client/personal trainer to the previous page.
                g. A horizontal select box for a client or personal trainer account.
                h. A terms and conditions notification.
            2. Login page -
                a. An email address/username and a password input field.
                b. A "remember me" select box. (Optional)

c. A login button that will direct the input fields data to the backend for verification.
d. A close button to cancel the login and redirect the client/personal trainer to the previous page.
e. A Google button that works as an alternative.
f. Forget Password and Sign-up now links. (Optional)

iii. The profile setup page (For new personal trainer) -
1. Standard Personal Details input fields
   a. (important) - the personal trainer certification number field.
2. Standard Contact Details input fields

iv. Personal Trainer Profile Page should have the following things or functionalities:
1. The Left-hand side dashboard -
   a. A home logo that can redirect the personal trainer back to the home page.
   b. A name under the Home logo that works as a drop-down menu that has the option of logging out.
   c. A series of buttons that can redirect the personal trainer to the home page, the profile page, the client's page, the messages page and the schedule page. (Optional)
2. The right-top button -
   a. A sign-out button for the personal trainer to sign out. Once the personal trainer has signed out successfully, the personal trainer will be redirected to the home page.
3. Edit Profile Page
   a. Personal details and Contact details input field that can be changed upon clicking onto it. The input fields should display previous details.
   b. a "save details" button that will send all the updated fields data into the database.
4. Change Password page
   a. Change password input fields.
   b. a "save new password" button that will send the newly set password into the database.
5. Set Availability page
   a. An "Add" button to add a new schedule and a "delete" button to delete the selected schedule.
   b. A graphical content area that allows the personal trainer to see and interact with his/her schedules.

v. The Calendar Page should have the following things: (Optional)
1. A graphical calendar that displays all the client's workout sessions.

2. Coding -
    a. It has to conform to our agreed coding standards laid out in the initial report, such as:
        i. Variable names that clearly indicate the purpose of the variable.
        ii. Appropriate indentation and line breaks for readability that conform to all of the listed programming languages.
        iii. Well-understood comments at the start of code explaining the purpose of the code.
        iv. Consistent and applicable use of space to make code readable.
3. Acceptance Testing -
    a. The webpage functions and features must work as stated in the acceptance criteria for each of the user stories.
        i. Homepage -
            1. <u>Page Redirection (Home Page):</u>
            Given a client/admin/personal trainer on the homepage of the website.
            When the/she clicks onto any of the links such as the login, sign-up, the web icon, the features in the drop-down feature menu, the footer links and the social media icons at the end of the page.
            Then he/she will be redirected to the appropriate pages. (Not all it will be a page, some may be a pop up of some sorts)

        ii. Login page -
            1. <u>Page Redirection:</u>
            Given a client/personal trainer on the login page of the website.
            When he/she clicks on the home logo, sign up button or links (forgot password and sign-up now links). (Optional)
            Then he/she will be directed to the appropriate page.
            2. <u>Login Validation (Success and Failure):</u>
            Given a client/personal trainer who has an account is on the login page of the website.
            When he/she clicks onto the login button upon entering the correct email and password or he/she enters the incorrect email and password.
            Then he/she is notified by a message "success" and redirected to their associated profile in the case of correctly entering the required details if not he/she will be prompted with an "error message" asking him/her to either re-enters his/her details or sign-up a new account.
            3. <u>Login with Alternatives:</u>
            Given a client/personal trainer who has an account that is signed-up using Google or Facebook is on the login page of the website.
            When he/she clicks the Google or Facebook button.
            Then he/she will be redirected to the Google or Facebook login page.

iii. **Sign-up Page -**

1. Page Redirection:
   Given a client/personal trainer is on the sign-up page of the website.
   When he/she clicks on the home logo, login button, login link or the terms and condition link.
   Then he/she will be directed to the appropriate page.
2. Sign-up Validation (Success and Failure):
   Given a client/personal trainer is on the sign-up page of the website.
   When he/she clicks onto the Sign-up button upon entering all the required fields correctly or he/she enters the incorrect details.
   Then he/she will be redirected to the homepage in the case of a successful sign-up, if not then he/she will be prompted with an "error" message indicating either that the entered details have already been taken or the details are incorrect and asking him/her to re-enter those required fields.
3. Sign-up with Alternatives:
   Given a client/personal trainer who has an account that is on the sign-up page.
   When he/she clicks onto the Google or Facebook button.
   Then he/she will be redirected to the Google or Facebook sign-in page.
4. Sign-up either as a Client or Trainer:
   Given a client/personal trainer who has an account that is on the sign-up page.
   When he/she ticks one of the boxes that indicate a client or a trainer (he/she can only tick one of the two boxes).
   Then he/she will be given the associated account.

iv. **Profile Setup page -**

Given a client/personal trainer who has an account.
When he/she logs into his/her account for the first time.
Then he/she will be prompted to key in keys information in order to set up his/her profile.

v. **Personal Trainer Profile Page -**

1. Page redirection (PT):
   Given a personal trainer on the personal trainer profile page of the website.
   When the personal trainer clicks on:
   - any one of the links in the left-hand side dashboard that includes the home logo, the name that acts as a drop-down menu with logout as an option, home, profile, clients, messages and calendar links.
   - one of the links in the small dashboard residing in the:

- profile page
  - where the edit profile is set as the default page.
  - that includes change password and set availability links.
- message page
  - where the inbox is set as the default page.
  - that includes the send message link.

- one of the links in the client management page
  - profile picture of the client.
  - the message logo residing in the top left corner of the client's box.

Then they are redirected to that particular page.

2. Personal Details and Password Modification(PT):
   Given a personal trainer on the personal trainer profile page of the website.
   When they click onto any of the input fields in the personal detail page or change password page.
   Then the personal trainer can key in new information and update it via the save button at the bottom of each page.
3. Set Availability (PT): (Subject to changes)
   Given a personal trainer on the personal trainer profile page of the website.
   When they click on the add or delete button.
   Then the personal trainer can insert a new schedule to each of the relevant days' box based on the selected week and they can also delete any of the selected schedule boxes.
4. Sign-out (PT):
   Given a personal trainer on the personal trainer profile page of the website.
   When they click on the sign-out button.
   Then the personal trainer can sign out and be redirected to the homepage.

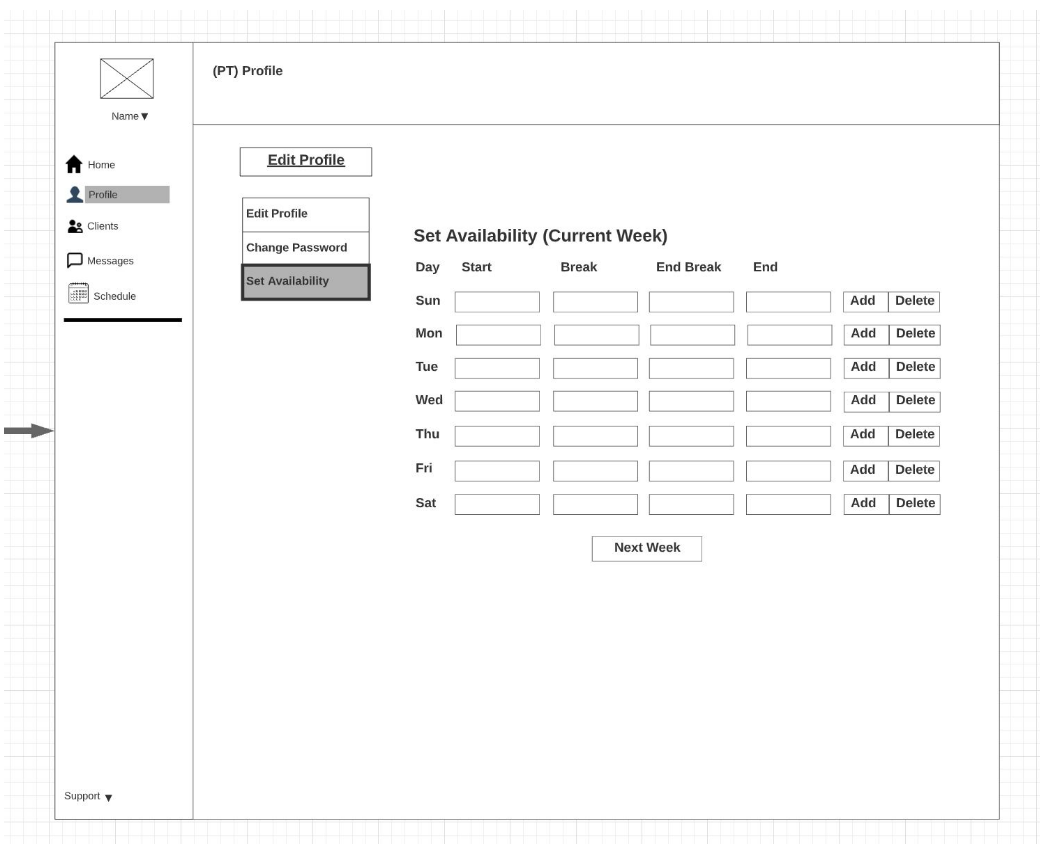
b. The sign-in and login technical aspects of acceptance testing which are listed in snapshot 1.1 should still be valued. In short words:
   i. **Personal Trainer Edit Profile/Change Password/Set Availability -**
      1. Given any of the input fields in one of these pages, if incorrect formats or characters were used then there should be error messages prompting the personal trainer on the correct format and the allowable characters so he/she would key in the valid inputs.

c. The authentication for the user should be tested and made sure it works correctly.
   i. Given developer want to test the authentication -
      1. As users sign-up, or sign in, the server would send a token to the client which is generated by JSON Web token. A token is encoded from a data payload using a

secret. So, after users' login or signup, clients would send that token along with a request, the server validates it and sends back the response.

4. Summary of Changes

The first change that we have made since the last snapshot was in the structure of the set availability design template due to being unintuitive and ambiguous. What we did was instead of having to add individual boxes into each of the section laid out as the days in each week, we change it into a more textual inserting domain that is much more intuitive and clear to the personal trainer on how his/her schedule should be like.
Example :



The second change is that we replenished a user story for the personal trainer's registration and login as we added the sign-out case for the personal trainer. We have finished the trainer authentication using email password and login/signup with Google. Accordingly, we updated the design review and acceptance testing parts of the definition of done.

- **<u>Declaration of attendance at the sprint meeting sprint retrospective planning meeting :</u>**
  - I attended the sprint review/planning meeting on the 28th of August at 3:00 p.m. to 3:30 p.m. (Australia time) with the tutor.

<u>What went well in the sprint (Individual)?</u>

First of all, I would like to say that the design process which is what I am in charge of doing in the first sprint was somewhat smooth sailing towards the end because everyone was involved in giving me a lot of suggestions and opinions on what the user interface for the personal trainer should look like that includes all the proper functionalities. Second of all, whenever I did something that contradicts with the given user stories, I would always get immediate feedback from my team which I very much appreciate because it makes the whole process that much more efficient. Although everyone in my team was very busy with their other courses, they did what they were tasked with full responsibility and initiatives. Of course, I would like to say that this was all because we have a very capable scrum master that has a very good sense of leadership what I mean by this is he is always the one making sure everything is on track such as the meetings, the documents and website itself.

<u>What could be improved (Individual)?</u>

No matter how great of a team one has, imperfections will always exist. First thing first, I would like to say that I didn’t do much in terms of implementing the front end stuff in this sprint because I am so out of touch with web design and it takes a lot of revising for me to get up speed. Therefore, in the next sprint, I want to be able to contribute more in the front end implementations. In terms of the team, maybe we can improve our communications with one another because we tend to miscommunicate on things. For example, in the case of the design process, although the process went greatly towards the end, the initial phase was a bit of a mess because I was only given some web pages as a reference without any pieces of information on what should and should not be included due to this reason I had to redesign the user interface for the personal trainer a bunch of times before reaching the final form. This is done through me sending a bunch of mockups before they suggested what were needed and what were not needed.

What will the group commit to improve in the next sprint (Individual)?

We all agreed that the workload distribution wasn't as balanced as we thought it should be as some member has more workloads than the other. This may put an unnecessary amount of burden on some people more than others. This needs to be prioritised in the next sprint. Other than that, our team also agreed that each commit that is made to the GitHub remote repository should be from a sub-branch rather than committing it directly to the master branch as this can cause unwanted or potentially nasty conflicts. Committing via sub-branches can allow other members to review the new/updated code before merging it onto the master branch, thus ensuring compatibility.