Snapshot 2.1 Week <WEEK-5> of Group <PFTC7REMOTE>

Personal Fitness Trainers Club

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1.   Product Backlog and Task Board

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

23 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.

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.

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

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.

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

CLIENT 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 Client,
I want to chat with potential PTs
So that I can communicate with them

Added by a1730614

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

Added by a1730614

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

Added by a1730614

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

Added by a1738747

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

Added by a1730614

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

Added by a1738747

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	Done
2	Personal Trainer	create a profile	I can show my skill sets to clients	Must	1	Done
3	Personal Trainer	set my availability	clients can make bookings accordingly	Must	1	Done
4	Personal Trainer	edit my profile information	the information can be corrected or updated	Must	1	Done
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
7	Personal Trainer	be notified of the client's bookings	I can start my business	Must		To be Started
8	Client	register into the PTFC system	I can log into the system afterwards	Must	2	In progress
9	Client	chat with potential PTs	I can communicate with them	Must		To be Started
10	Client	create a profile	I can see my progress and personal information	Must	2	In progress
11	Client	see a list of PT	I can book a session with that PT	Must	2	In progress
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 (From GitHub)

3 Task board

- 📄 Implement Client's booking functionality ⋯
  Added by a1738747

- 📄 Implement Client's profile page ⋯
  Added by a1738747

- 📄 Create the data plan for Client ⋯
  Added by a1738747

2 In progress

- 📄 Design the page for showing searching results ⋯
  Added by a1738747

- 📄 Design Client's profile page ⋯
  Added by a1738747

15 Done

Implementing PT's profile page
Added by a1730614

focus on initial report
finish it ASAP
Added by a1758910

Set up Nodejs(Express) server
Added by a1730614

Set up MongoDB database
Added by a1730614

create ER model
Added by a1730614

Connect Nodejs with MongoDB
Added by a1730614

Design home page
Added by a1730614

Design login page for PT
Added by a1730614

Design sign-up page for PT
Added by a1730614

Design PT's profile page
Added by a1730614

Design must be given before this weekend
Added by a1758910

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

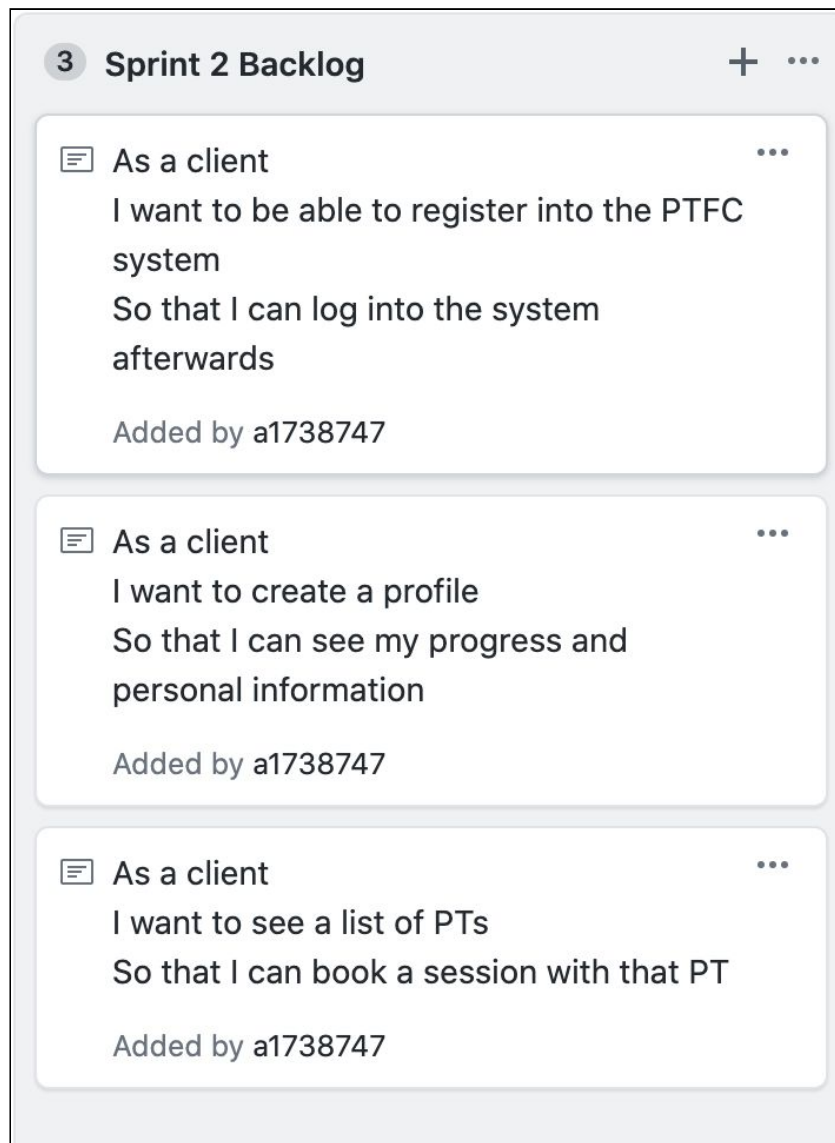**create data plan (list all route that we gonna use)**
Added by a1730614

Word Version of the task board:

To Do	Doing	Done
• Implement Client's booking functionality • Implement Client's profile page • Create the data plan for Client	• Design User profile page, Home profile page, the booking page and the message 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) • Implementing PT's profile page

2. Sprint Backlog and User Stories

Sprint backlog (From GitHub):

Sprint 2 Backlog (3)

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

Added by a1738747

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

Added by a1738747

User Stories and Related Tasks Selected for the Current Sprint (some for the next Sprint):

User Stories	Related task
1. As a personal trainer, I want to register 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 sign-up 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 my profile, so	1. Implement frontend UI of PI profile for PT personal

that I can update or correct my profile information.	information. 2. Implement backend services for PT 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 PT to set the availability. 2. Implement backend services to store and update PT availability.
5. As a client, I want to register 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 Client registration. 2. Implement frontend UI for Client login. 3. Implement backend services to store Client information for sign-up, sign-in and sign-out.
6. As a client, I want to create a profile, so that I can see my progress, bookings and personal information.	1. Implement frontend UI for Client profile. 2. Implement backend services to store Client profile data.
7. As a client, I want to edit my profile, so that I can update or correct my profile information.	1. Implement frontend UI of Client profile for Client personal information. 2. Implement backend services for Client to update Client profile data.
8. As a client, I want to see a list of personal trainers after searching, so that I can book sessions with personal trainers.	1. Implement frontend UI for results after searching. 2. Implement backend services to collect results for searching and provide results to frontend UI.
9. As a client, I want to make bookings with personal trainers, so that I can reach my fitness goals with personal trainers.	1. Implement frontend UI for booking. 2. Implement backend services to store bookings and provide bookings to relative PT.

3.   Definition of Done

1. Design reviews - (We have yet to design the client user interface, the design will be provided in the next sprint)
    a. It has to be minimalistic and conform to all of the user stories provided in each of the Sprint.
        i. The Sign-in and Login Pages should have the following things : (Client)
            1. Sign-in page - (Exactly the same as what a personal trainer will see)
                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 - (Exactly the same as what a personal trainer will see)

  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)

ii. The profile setup page (For new Client) - **(Same as what a new personal trainer will see but do not contain personal trainer related input fields)**

1. Standard Personal Details input fields

2. Standard Contact Details input fields

iii. Personal Trainer Home Profile Page should have the following things or functionalities:

1. Photos uploaded by the personal trainer.

2. A preview of personal details.

3. Some information such as availability and rating.

4. An about section of the personal trainer.

iv. **Client Profile Page** should have the following things or functionalities:

1. The Left-hand side dashboard -

  a. A home logo that can redirect the client back to the profile home page.

  b. A name under the home logo that works as a drop-down menu that has the option of logging out. Once the user clicks on the name button, the log out button appears.

  c. A series of buttons that can redirect the client to the home page, the profile page, the booking page, the messages page and the schedule page. (Optional)

2. The home profile page -

  a. A photo uploaded by the client.

  b. A preview of personal details.

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.
v. Booking Page should have the following things and functionalities:
a. A search bar for searching the type of workouts, in this case, the muscle groups that he/she wants to train.
b. Another search bar for searching up the availability
c. Another search bar for searching up the particular trainer that he/she wants to work with.
d. A series of rectangular boxes containing information about a particular personal trainer that includes the profile picture, name, spoken language, muscle groups tags, ratings, availability, pricing, a message button and a hire button.

2. Coding -
a. In this sprint, the definition of done of coding 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. Login page -
   i. Page Redirection:
      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.
   ii. Login Validation (Success and Failure):
      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.

iii. <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.

ii. Sign-up Page -
   i. <u>Page Redirection:</u>
   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.

   ii. <u>Sign-up Validation (Success and Failure):</u>
   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.

   iii. <u>Sign-up with Alternatives:</u>
   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.

   iv. <u>Sign-up either as a Client or Trainer:</u>
   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.

i. 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.

ii. Personal Trainer Profile Page -
   1. <u>Page redirection (PT):</u>

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 page**, profile, clients, messages and calendar links.
- one of the buttons in the small dashboard residing in the top left corner of the:
  - profile page
    - "edit profile" button is set as the default page.
    - "change password" button
    - "set availability" button
  - message page
    - the "inbox" button is set as the default page.
    - the "send message" button
- one of the links in the client management page
  - "profile picture" of the client in the display box.
  - the "message" logo residing in the top left corner of the client's box.

Then they are redirected to that particular page.

2. Home Profile Page (PT):
Given a personal trainer on the personal trainer profile page of the website.
When he/she clicks onto the home button.
Then the personal trainer can have a view of the information page represented to clients.

3. Personal Details and Password Modification (PT):
Given a personal trainer on the personal trainer profile page of the website.
When he/she clicks onto any of the input fields in the "edit profile" 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.

4. Set Availability (PT): (Changed in this sprint)
Given a personal trainer on the personal trainer profile page of the website.
When he/she clicks 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.

5. Sign-out (PT):
Given a personal trainer on the personal trainer profile page of the website.
When he/she clicks on the sign-out button.
Then he/she can sign out and be redirected to the homepage.

iii. **Client Profile Page - (Subject to changes because the design for the client UI has not been completed, however, it should be very similar to what the personal trainer sees and experiences except for the booking page)**

1. Page redirection (Client):

   Given a client on the client profile page of the website.

   When the client clicks on:

   a. 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 page**, profile, booking, messages and calendar(optional) links.

   b. one of the buttons in the small dashboard residing in the top left corner of the:
      - profile page
        - "edit profile" button is set as the default page.
        - "change password" button
        - "set availability" button
      - message page
        - the "inbox" button is set as the default page.
        - the "send message" button
      - booking page
        - the profile picture of the personal trainer
        - the message button

   Then they are redirected to that particular page.

2. Home Profile Page (Client):

   Given a client that is on the client "**home profile page**" of the website.

   When they click onto the home button residing in the left dashboard

   Then the client can have a view of the information page represented to the personal trainers

3. Personal Details and Password Modification (Client):

   Given a client that is on the client profile page of the website.

   When they click onto any of the input fields in the "edit profile" page or "change password" page.

   Then the client can key in new information and update it via the save button at the bottom of each page.

4. Booking Page (Client):

   Given a client that is on the personal trainer booking page of the website.

   When he/she clicks onto the hire button

   Then a booking request will then be sent to the admin for approval before it was sent to the relevant personal trainer inbox messages.

5. Sign-out (Client):

   Given a client that is on the personal trainer profile page of the website.

> **When** he/she clicks on the sign-out button presented as a drop-down that resides in the name beneath the home logo in the top left corner of the dashboard.
> **Then** he/she can sign out and be redirected to the homepage.

a. 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.

b. 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

Since the last snapshot, as for the front-end work, we changed and implemented some user interfaces for the personal trainer, such as the webpages for profile edition, for changing the password and for availability setting. Accordingly, we implemented the corresponding functionalities for the personal trainer on each webpage. And we modified the name of the button for logging out to be "Log out" and permitted it to appear only if the personal trainer clicks on the user name on the top of the left-hand side dashboard. We updated the design reviews and definition of done regarding this change relatively. In terms of the design, we started to design the user interface for the client, such as the client profile page, the home client profile page, the booking page as well as the message page. Also, we modified the functionality of the "Home" button on the personal trainer profile page to redirect the user to the homepage of the profile, which contains the preview of personal information and some details such as availability and ratings. The reason to modify is for when the client searches for personal trainers, this page of the personal trainer's information will be provided to the client. Accordingly, we updated the corresponding user stories, the definition of done and acceptance testing parts.