

**Snapshot 1.2 Week <WEEK-4> 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.

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

☰ 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

<div> <div> <div></div> <div>USER PART</div> <div>...</div> </div> <div>Added by a1753701</div> </div>	<div> <div> <div></div> <div>ADMIN PART</div> <div>...</div> </div> <div>Added by a1753701</div> </div>
<div> <div> <div></div> <div>As a client</div> <div>...</div> </div> <div>           I want to be able to register into the PTFC system            So that I can log into the system afterwards         </div> <div>Added by a1738747</div> </div>	<div> <div> <div></div> <div>As an administrator</div> <div>...</div> </div> <div>           I want to see all incoming PT registration requests            So that I can approve or reject them         </div> <div>Added by a1738747</div> </div>
<div> <div> <div></div> <div>As a USER,</div> <div>...</div> </div> <div>           I want to chat with potential PTs            So that I can communicate with them         </div> <div>Added by a1730614</div> </div>	<div> <div> <div></div> <div>As an Admin, I wanna see all relationship</div> <div>...</div> </div> <div>           between users and personal trainers. Of course I can edit them         </div> <div>Added by a1753701</div> </div>
<div> <div> <div></div> <div>As a USER</div> <div>...</div> </div> <div>           I want to create a profile            So that I can see my progress and personal information         </div> <div>Added by a1730614</div> </div>	<div> <div> <div></div> <div>As an ADMIN,</div> <div>...</div> </div> <div>           I want to have a dashboard            So that I can manage all PTs and clients         </div> <div>Added by a1730614</div> </div>
<div> <div> <div></div> <div>As a USER</div> <div>...</div> </div> <div>           I want to see a list of PT            So that I can book a session with that PT         </div> <div>Added by a1730614</div> </div>	<div> <div> <div></div> <div>As an administrator</div> <div>...</div> </div> <div>           I want to see all registered users (PTs and Clients)            So that I can suspend or activate them         </div> <div>Added by a1738747</div> </div>

<div> <div> <div></div> <div>As an Admin, I wanna see popularity of each personal trainer(Show a sequential list)</div> <div>...</div> </div> <div>           So that I can rank them         </div> <div>Added by a1753701</div> </div>
<div> <div> <div></div> <div>As an Admin, I wanna edit timetable for each PT so that both User and PT can better plan their time</div> <div>...</div> </div> <div>Added by a1753701</div> </div>

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	Work in Progress
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	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
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## Taskboard (From GitHub)

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

1 In progress

Implementing PT's profile page

Added by a1730614

14 Done

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

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
	<ul style="list-style-type: none"><li>• Implementing PT's profile page</li></ul>	<ul style="list-style-type: none"><li>• focus on initial report finish it ASAP</li><li>• Set up Nodejs (Express) server</li><li>• Set up MongoDB database</li><li>• create ER model</li><li>• Connect Nodejs with MongoDB</li><li>• Design home page</li><li>• Design login page for PT</li><li>• Design sign-up page</li><li>• Design PT's profile page</li><li>• Design must be given before this weekend</li><li>• Implementing login page for PT</li><li>• Implementing sign-up page for PT</li><li>• Implementing home page for PT</li><li>• create data plan (list all route that we are going to use)</li></ul>



## 2. Sprint Backlog and User Stories

### Sprint backlog (From GitHub):

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  
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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 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

- a. Something about the authentication, token, “sign-in, sign-up pages”
  - b. Specifically, the pt interface acceptance criteria
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. Page Redirection (Home Page):

**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. 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.

2. 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.

3. Login with Alternatives:

**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 screenshot displays the (PT) Profile page. On the left is a sidebar with navigation links: Home, Profile (selected), Clients, Messages, and Schedule. Below these is a 'Support' link. The main content area is titled '(PT) Profile' and contains a sub-menu with 'Edit Profile', 'Change Password', and 'Set Availability' (highlighted). The 'Set Availability (Current Week)' form includes a table with columns for Day, Start, Break, End Break, and End. Each row represents a day of the week (Sun to Sat), and each column has a text input field. To the right of each 'End' field are 'Add' and 'Delete' buttons. A 'Next Week' button is located at the bottom right of the table.

Day	Start	Break	End Break	End		
Sun	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add	Delete
Mon	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add	Delete
Tue	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add	Delete
Wed	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add	Delete
Thu	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add	Delete
Fri	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add	Delete
Sat	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Add	Delete

Next Week

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.