Snapshot 3.1 Week <WEEK-7> of Group <PFTC7REMOTE>

Personal Fitness Trainers Club

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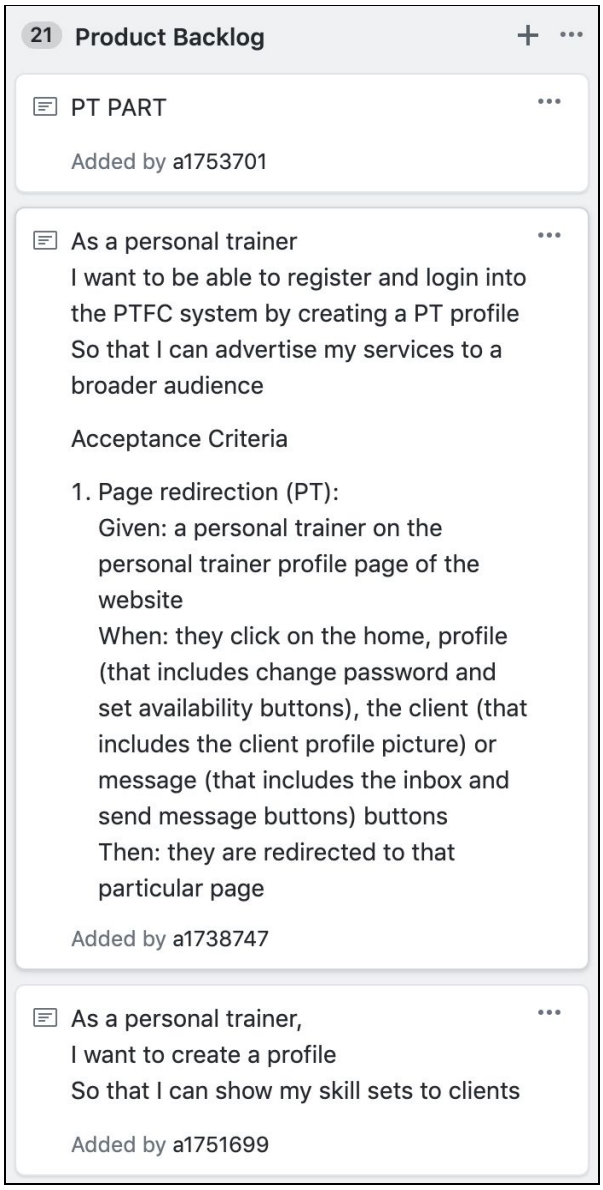
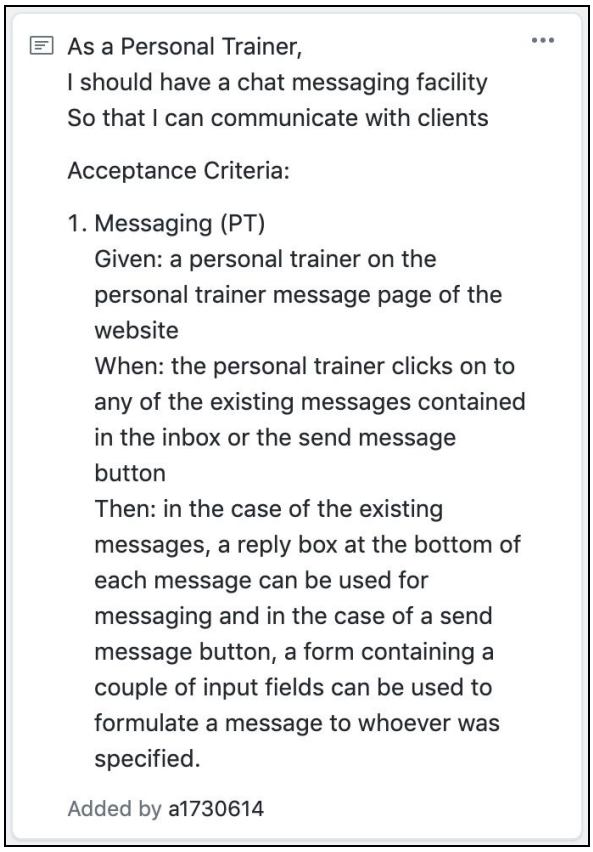
1. Product Backlog and Task Board

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





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

CLIENT PART

Added by a1753701

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

Added by a1738747

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

Acceptance Criteria

1. Messaging:
   Given: a client is on the messaging page
   When: the client 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 in the 'to' field.

Added by a1730614

2. 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.

Added by a1751699

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

Acceptance Criteria:

1. Hiring a personal trainer:
   Given: a client is on the search results page
   When: he/she clicks onto the hire button
   Then: he/she will be directed to an application form and upon completion and submission, a booking request will then be sent to the inbox of the relevant personal trainer

2.Searching (Client):
Given: a client that is on the booking page/search results page/manage session page of the website.
(Booking Page) -
When: he/she searches for a particular personal trainer, ratings, pricing or muscle groups in the search bar
Then: he/she will be directed to the search result page containing the corresponding information

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

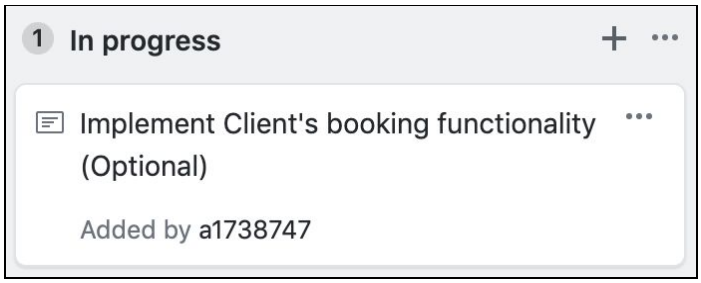
Added by a1753701

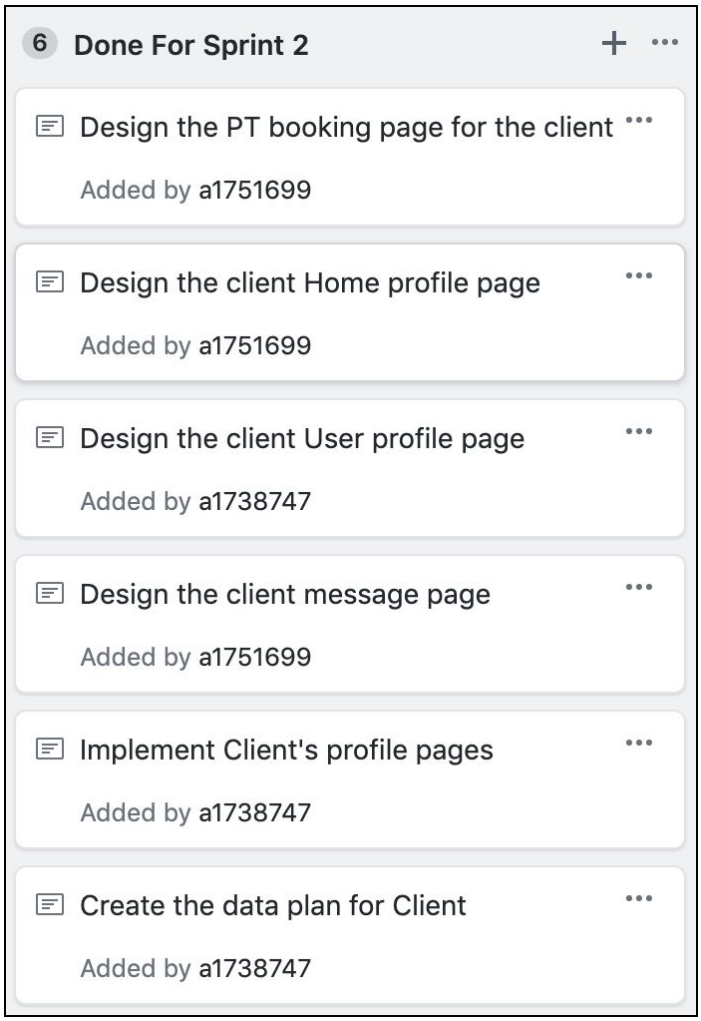
Word Version gives more clarity to the entire product backlog:

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	Done
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	Done
11	Client	see a list of PT	I can book a session with that PT	Must	3	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)

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



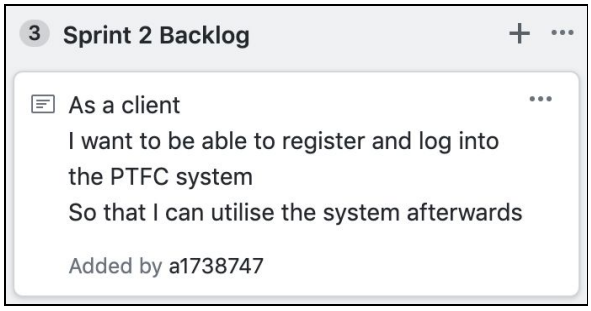


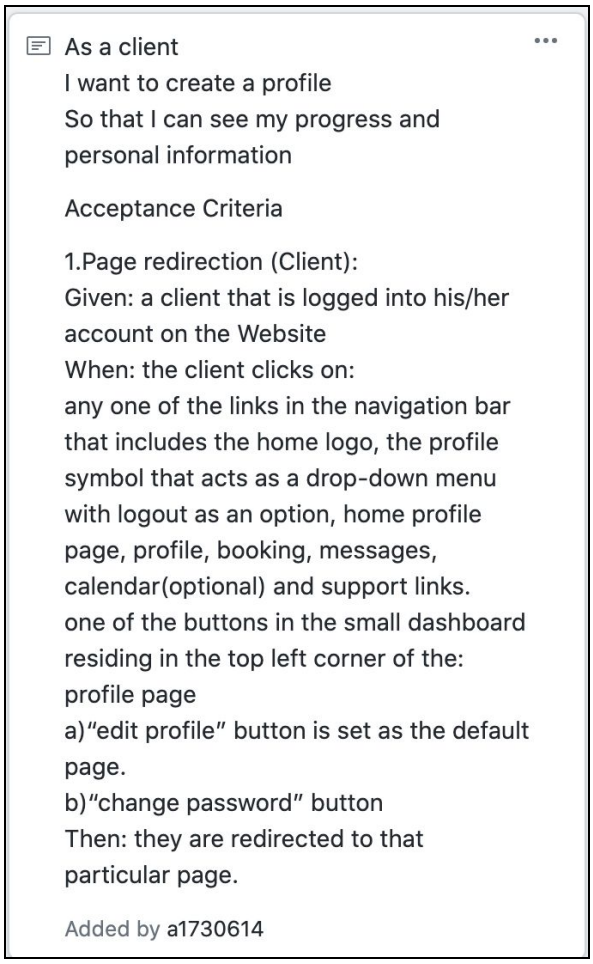
Word Version of the task board:

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

2. Sprint Backlog and User Stories

Sprint backlog (From GitHub):





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

Acceptance Criteria:

1. Hiring a personal trainer:
   Given: a client is on the search results page
   When: he/she clicks onto the hire button
   Then: he/she will be directed to an application form and upon completion and submission, a booking request will then be sent to the inbox of the relevant personal trainer

2.Searching (Client):
Given: a client that is on the booking page/search results page/manage session page of the website.
(Booking Page) -
When: he/she searches for a particular personal trainer, ratings, pricing or muscle groups in the search bar
Then: he/she will be directed to the search result page containing the corresponding information

Added by a1751699

2. 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.

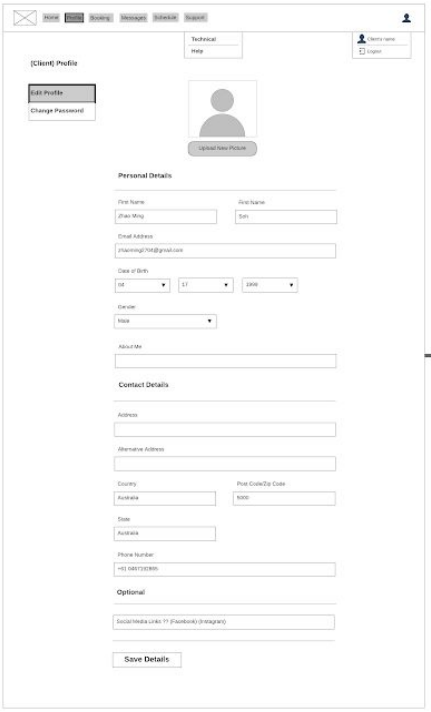
Added by a1751699

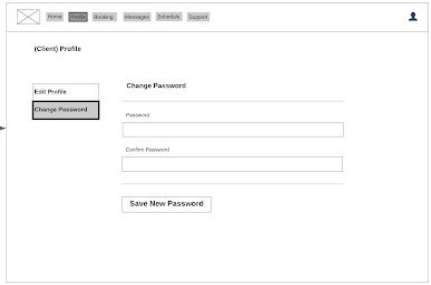
User Stories and Related Tasks Selected for the Current Sprint (some for the next Sprint):

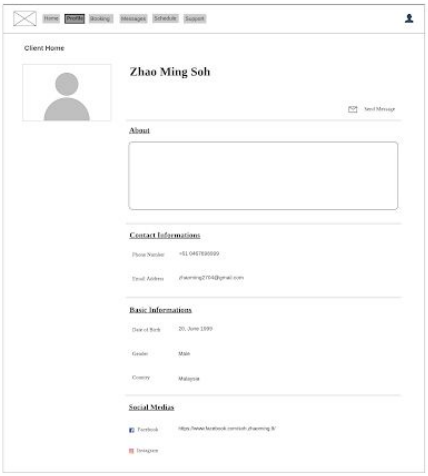
User Stories	Related task
1. As a client, I want to register or login into the PTFC system, so that I can utilise this website further on. Also, I can sign out as I want.	1. Implement frontend UI for Client registration. 2. Implement frontend UI for Client login. 3. Implement backend services to store Client information for sign-up, sign-in and sign-out.
2. 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.
3. 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.
4. 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 displaying results after searching. 2. Implement the searching functionality. 3. Implement backend services to collect results for searching and provide results to frontend UI.
5. 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 the booking functionality. 3. Implement backend services to store bookings and provide bookings to relative PT.

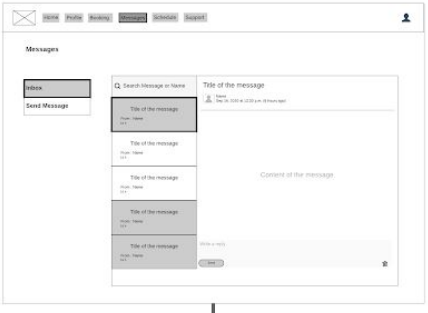
3. Definition of Done

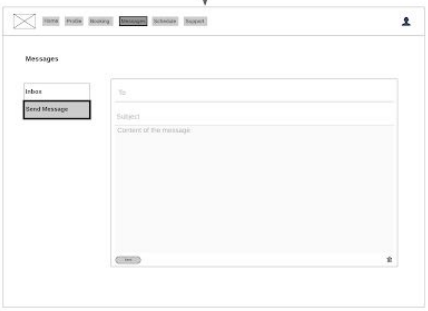
1. Design reviews -
   a. It has to be minimalistic and conform to all of the user stories provided in each of the Sprint.


Home
Profile
Booking
Messages
Schedule
Support
Technical
Help
[Client] Profile
Edit Profile
Change Password
Upload New Picture
Personal Details
First Name
Email Address
Date of Birth
Gender
Male
About Me
Contact Details
Address
Alternative Address
Country
Australia
Post Code/Zip Code
State
Phone Number
Optional
Save Details


Home
Profile
Booking
Messages
Schedule
Support
(Client) Profile
Edit Profile
Change Password
Change Password
Password
Confirm Password
Save New Password


Home
Profile
Booking
Messages
Schedule
Support
Client Home
Zhao Ming Soh
About
Contact Informations
Basic Informations
Social Medias

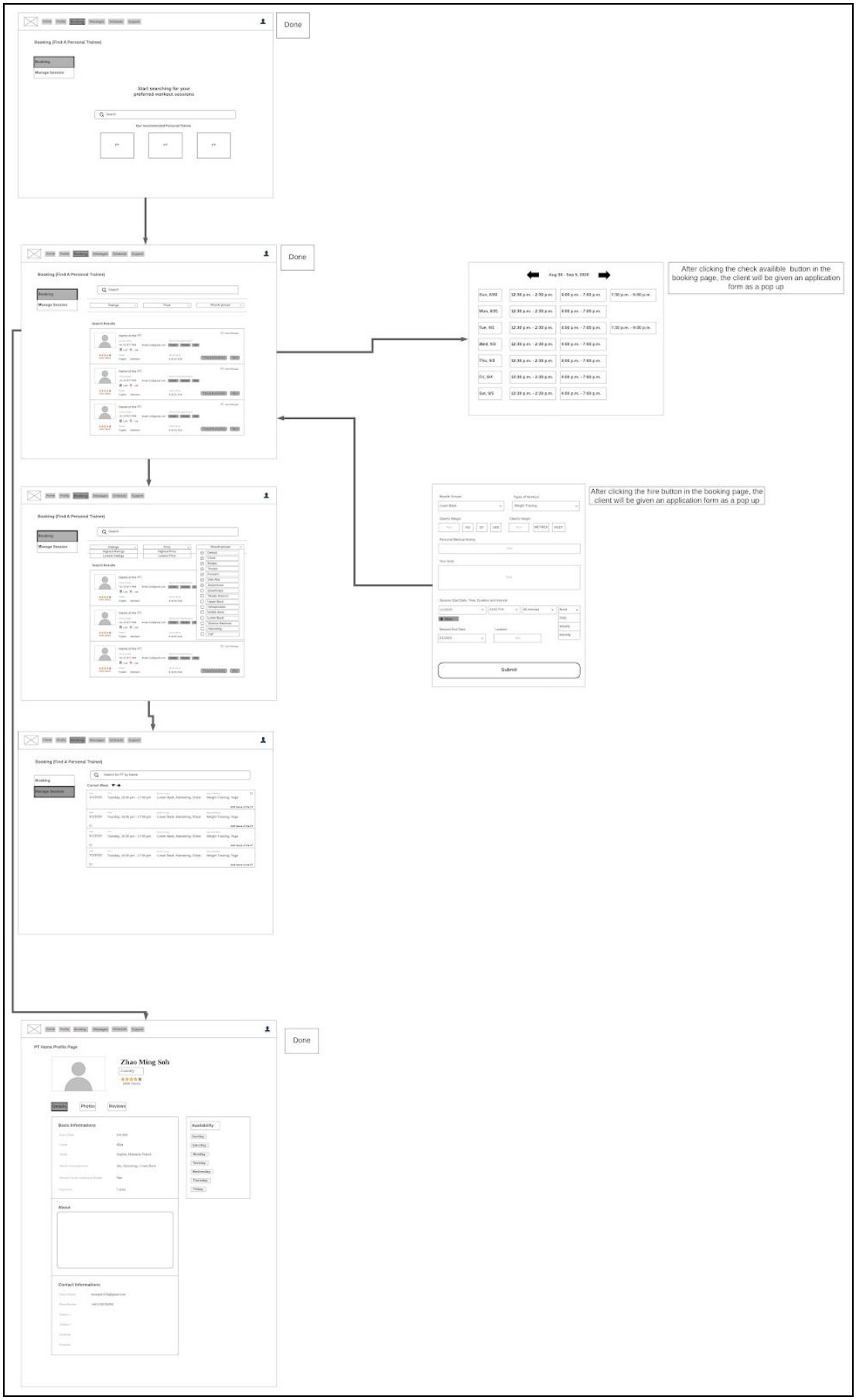

Home
Profile
Booking
Messages
Schedule
Support
Messages
Inbox
Send Message
Search Message or Name
Title of the message
Content of the message


Home
Profile
Booking
Messages
Schedule
Support
Messages
Inbox
Send Message
To
Subject
Content of the message

Client Profile Page, HomePage, Messaging Page

i. The Sign-up and Login Pages should have the following things : (Client)
    1. **Sign-up 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. **Client profile page** - It should have the following things or functionalities:
    1. The Navigation bar -
        a. A home logo that can redirect the client back to the profile home page.
        b. A profile symbol that acts as the actuator for the dropdown menu that contains the logout option.
        c. A series of buttons that can redirect the client to the home page, the profile page, the booking page, the messages page, the schedule page (Optional), the support page.
    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.


Done
Booking (Find A Personal Trainer)
Booking
Manage Session
Start searching for your preferred workout sessions
Search
Our recommended Personal Trainer
PT
PT
PT
Done
Booking (Find A Personal Trainer)
Booking
Manage Session
Search
Ratings
Price
Muscle groups
Search Results
Aug 30 - Sep 5, 2020
Sun, 8/30
Mon, 8/31
Tue, 9/1
Wed, 9/2
Thu, 9/3
Fri, 9/4
Sat, 9/5
12:30 p.m. - 2:30 p.m.
4:00 p.m. - 7:00 p.m.
7:30 p.m. - 9:00 p.m.
After clicking the check availible button in the booking page, the client will be given an application form as a pop up
Done
Booking (Find A Personal Trainer)
Booking
Manage Session
Search
Ratings
Price
Muscle groups
Search Results
Chest
Biceps
Triceps
Forearm
Side Abs
Abdominal
Quadriceps
Thighs Adductor
Upper Back
Infraspinatus
Middle Back
Lower Back
Gluteus Maximus
Hamstring
Calf
Muscle Groups
Lower Back
Types of Workout
Weight Training
Client's Weight
Client's Height
Personal Medical History
Your Goal
Session Start Date, Time, Duration and Interval
Session End Date
Location
Submit
After clicking the hire button in the booking page, the client will be given an application form as a pop up
Booking (Find A Personal Trainer)
Booking
Manage Session
Search for PT by Name
Current Week
Done
PT Home Profile Page
Zhao Ming Soh
Coach(s)
Details
Photos
Reviews
Basic Informations
Availability
Sunday
Saturday
Monday
Tuesday
Wednesday
Thursday
Friday
About
Contact Informations

Booking Page(Search result, filter search result, PT availability, Booking form and PT homepage)

v. **Booking page -** It should have the following things and functionalities:

a. A small dashboard on the left-hand side of the page that contains the Booking and Manages Booking buttons for redirection.

b. **(Whenever one is redirected to the booking page - Default Page)** - One would see a search bar for searching personal trainer, ratings, price and muscle groups.

c. **(Once a search has been made)** - One would be directed to a page showing the search results. In this page, one would be given a series of personal trainers with their relevant information such as their names, contact details, spoken languages, pricing and muscle group specializations. A search bar and three dropdown filters that consist of ratings, price and muscle groups.

d. Check availability and a hire button on the bottom right corner of each successive personal trainer box.

e. **(In the check availability page)** - Show the weekly availability of the selected personal trainer.

f. (**In the booking session form page) -** An application form that has the "muscle groups" input field, "types of workout" select field, "client's weight" and "client's height" input fields, "personal medical history" textbox, "Your Goal" textbox, "Session Start Date, Time, Duration and Interval" select fields (Extendable), "Session End Date" select field and "Location" input field and a submit button.

g. (In the Manage Session Page) - Shows the client's weekly booking session in a series of boxes. The boxes contain information such as the date, the time, the muscle groups, the type of workouts and the name of the pt that correspond to that session.

2. Coding -

a. In this sprint, the definition of done of coding has to conform to our agreed general 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.

b. Some precise coding standards according to different techniques or languages:

i. HTML

a. All HTML documents must use two spaces for indentation and there should be no trailing whitespace.

b. Using lowercase element names and lowercase attribute names, for example, <body> rather than <BODY>.
c. Closing all HTML elements, for example, .
d. Quoting attribute values.
e. Trying to avoid too long code lines for better readability.
f. Avoiding to add blank lines, spaces, or indentations without a reason for the better readability.

ii. CSS
a. The name of a selector should be self-descriptive and readable.
b. Trying to reduce the use of inline-styles to make changes on styling easier.
c. Using shorthands properties to help to reduce the lines of rules.
d. Trying to organise the CSS code by using the BEM methodology, which is a naming convention and stands for Block Element Modifier.

iii. React
a. Avoiding to add non-sense React components and making components as short as possible.
b. Components which are at the same level of abstraction should be together.
c. Trying to reduce the number of props to a minimum.

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 -

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.

ii. 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.

iii. 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.

iv. Client Profile Page -

1. Page redirection (Client):

   Given a client that is logged into his/her account on the Website
   When the client clicks on:

a. any one of the links in the navigation bar that includes the home logo, the profile symbol that acts as a drop-down menu with logout as an option, home profile page, profile, booking, messages, calendar(optional) and support 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
    - message page
        - the "inbox" button is set as the default page.
        - the "send message" button
    - booking page
        - The "booking" button
        - The "Manage Session" button
c. Search results page
    - The profile picture of the PT
    - The "Check Availability" button
    - The "Hire" 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. Searching (Client):

   Given a client that is on the booking page/search results page/manage session page of the website.
   (Booking Page) -
   When he/she searches for a particular personal trainer, ratings, pricing or muscle groups in the search bar
   Then he/she will be directed to the search result page containing the corresponding information

(Search Results Page) -

When he/she searches for a particular personal trainer, ratings, pricing or muscle groups in the search bar

Then he/she will be given a list of personal trainers that correspond to the searched information

(Manage Session Page) -

When he/she searches for a particular booked session via date, time, the muscle groups or the type of workouts

Then he/she will be given a list of the booked session that corresponds to the searched result.

5. Hiring a personal trainer:

   Given a client is on the search results page

   When he/she clicks onto the hire button

   Then he/she will be directed to an application form and upon completion and submission, a booking request will then be sent to the inbox of the relevant personal trainer

6. Filtering Search Results:

   Given a client is on the search results page

   When he/she clicks onto the ratings, pricing or the muscle groups dropdown menu and selects any one of the options

   Then he/she will be given a list of personal trainers that correspond to the filter options (This happens every time an option is selected)

7. Viewing the availability/personal details of the Personal Trainer:

   Given a client is on the search results page

   When he/she clicks onto the check availability button/the profile picture of the PT

   Then he/she will be given a page containing the overview of the personal trainer's weekly schedule/personal details.

8. Client's Session Management :

   Given a client is on the manage session page

   Then he/she will be given a page containing the overview of the Client's booked sessions.

9. Messaging(Bookings/Communications):

   (Bookings) -

   Given a client is on the messaging page

   When a client submits a booking request form

   Then he/she will be directed to the messaging page more specifically the inbox to that particular personal trainer will be shown

   (Communications) -

Given a client is on the messaging page
When the client 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 in the 'to' field.

10. 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.

b. The sign-in and login technical aspects of acceptance testing which are listed in snapshots 1.1 should still be valued. In short words:
   i. **Client Edit Profile/Change Password -**
      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 -**
      2. 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 modified and improved the design to make the website more concise and reasonable, such as deleting some unnecessary buttons in the personal trainer client management page because we want the page to solely focus on only displaying key information about the accepted clients. Also, we optimised some functionalities for personal trainers and fixed some bugs, such as repairing the alignment of input bars in sign-in page. And based on the mockups that we designed in the last sprint, we implemented the HTML

pages for the client profile with CSS features, including the home, profile, message and booking pages. Additionally, we rebuilt the message interface in the message page of the client profile, added corresponding material UI icons, changed the client's application form for hiring a personal trainer for a workout session of their choice and the "check availability" for viewing the availability of the personal trainers that are of interest to the client page to be a pop-up on the booking page. And we improved the sign-up and sign-in pages for the client by adding the Google option. We have also moved the "implementation for the booking page" forward into the next sprint due to our team members time constraint. As for the back-end work, we created the API for updating client information and implemented the functionality for client authentication with Google correspondingly. According to the feedback of our initial report, we implemented the Coding part in the "Definition of Done" session by specifying the code criteria in different cases in detail.