# Project Title: KinKin

## Authors

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## Preface

- The expected readership of this sprint documentation are the stakeholders, including the students, teaching assistant (TA), and professor.

## Sprint 2 Backlog

Trello Board: https://trello.com/b/OEv1G0fm/kinkin-kanban-board

- High Priority:
  - Clients shall be able to track their activity including workout performance, health metrics, and time spent working out.
    - The system shall also store manually entered health metrics.
    - The system shall pull health data and visualize activity over time in the form of graphs.
  - PTs shall be able to view client activity with client's permission.
    - Isita
    - A client is added to a PT's list of clients. (frontend only)
    - The system shall give PT's access to view their client's health data.
  - A client can message a PT privately.
  - As a user, I want to be able to register and create an account.
    - A user can register using Google authentication.
    - A user can create their profile.
    - A user can set up their preferences.
  - As a PT, I want to be able to create a workout program which includes text, audio, and video for my clients.
    - A PT can create the workout program

- ○ PTs shall be able to create and publish workout programs consisting of instructions, images, audio, and videos.
  - ■ The system shall allow PT's to upload images, audios, and videos.
  - ■ The system shall store the files and retrieve them for the client.
- ● Medium Priority:
  - ○ Clients shall be able to set goals for themselves.
    - ■ The system shall allow the user to create goals.
    - ■ The system shall allow users to log activity related to created goals.
- ● Low Priority:
  - ○ Clients and PTs shall be able to rate each other on an up-down basis.
    - ■ The system shall be able to collect user ratings at all times. Upon a new rating submission, the system shall recalculate ratings for users and update the user's rating in the database.
    - ■ The system for messages sent if notifications are enabled.
  - ○ Clients will receive a notification upon PT's response to their training request.
  - ○ Clients shall have the option to be notified about workout schedules.
    - ■ The system shall send notifications to clients.

# Performance Improvement

You must have the following information for **each** user behavior (at least two) you identified.

**Performance Improvement 1:**

- ● Users, after typing in their additional information, would be prompted with a loading screen before being moved back to the main flow.
- ● Description of the improvement you make
  - i. Change was in the AdditionalInformationCollection component.
  - ii. By preventing default and then rechecking the main routing, the loading time seems more seamless.
- ● Result of your improvement
  - i. All the components aren't reloaded, so there is slightly less loading time. Mostly, this is just a visual difference, and allows for a more seamless integration of the user information page.

```
+    const onSubmit = async (e) => {
+      e.preventDefault();
+
+      try {
+        const userRes = await createUser(props.user.token, {
+          username,
+          publicName,
+          email: props.user.email,
+          pictureUrl: props.user.pictureUrl,
+        });
```

**Performance Improvement 2:**

- User behavior: Personal trainers viewing their training requests.
- Improvement made:
  i. Improved the response time for querying and rendering the results from the database.
  ii. File location: server/routes/pt.js
  iii. Description of change: refactored the related API calls to make fetching the requests more efficient.

```
161  -      const names = [];                          165  +      const clients = [];
162  -                                                 166  +
163         for await (const user of User.find({ _id: {   167         for await (const user of User.find({ _id: {
       $in: requests } })) {                                $in: requests } })) {
164  -          try {                                  168  +          try {
165  -            names.push(user.publicName);         169  +            clients.push({ name: user.publicName, id:
                                                            user._id });
166  -          }                                      170  +          } catch (err) {
167  -        catch (err) {                            171  +            console.error('/getrequests found missing
                                                            User doc: ' + err.message);
168  -            console.error('/getrequests found missing
       User doc: ' +
169  -            err.message)
```

- - There was too much code changed to include in screenshots, but here is a snippet of code that was changed.
- Result of improvement:
  i. There is less loading time required for the user to view their training requests.
  ii. Measured the response time before the changes and after the changes, found a difference of around 100ms.

# Daily Scrums

## Meeting 1

**Date:** Apr 26, 2022
**Start time:** 8:30 pm
**End time:** 9:03 pm
**Meeting location:** Zoom
**Performance Review:**

Summary of Member's Performance:
What did I do today that helped the team meet the Sprint goal?
What will I do tomorrow to help the team meet the Sprint goal?
Do I see any impediment that prevents me or the team from meeting the Sprint goal?

Eunice
- Updates: No updates.

- Next: Addressing bugs in the chat application; finalize chat feature; direct to messaging from profile.
- Blockers: No blockers.

Isabella
- Updates: Finished implementing request frontend/backend.
- Next: Discuss with the team about next tasks.
- Blockers: No blockers.

Isita
- Updates: Writing tests with JWT.
- Next: Figure out JWT tests. Pick up work from the backlog.
- Blockers: No blockers.

Josh
- Updates: Looking into Enzyme documentation for writing robust white-box tests.
- Next: Get jumpstart on tests. Work on frontend pages (user editing).
- Blockers: No blockers.

Charlotte
- Updates: User authentication fixes PR.
- Next:
- Blockers: No blockers.

Christina
- Updates: Reviewed Isabella's PR.
- Next: Pick up work from the backlog.
- Blockers: No blockers.

Parking Lot
- Login Notes:
  **New User: Login → Insert (Shared) Basic Info → Select PT or Client → Insert PT/Client Specific Info**

  Current User: Edit Profile → Make Changes → Save Changes

# Meeting 2

**Date:** Apr 27, 2022
**Start time:** 8:30 pm
**End time:** 8:53 pm
**Meeting location:** Zoom
**Performance Review:**

Summary of Member's Performance:
What did I do today that helped the team meet the Sprint goal?
What will I do tomorrow to help the team meet the Sprint goal?
Do I see any impediment that prevents me or the team from meeting the Sprint goal?

Thi
- Updates: Finished the testing program for embedded audio and video.
- Next: Integrating audio and video embedding.
- Blockers: No blockers

Isita
- Updates: None
- Next: PT dashboard
- Blockers:

Josh
- Updates: No updates
- Next: work on user profile creation and work on client and PT profile creation (1 page) + setting user preferences & editing user profile
- Blockers: No blockers

Christina
- Updates: No updates
- Next: visualization of activity
- Blockers: No blockers

Charlotte
- Updates: No updates
- Next: world domination!
- Blockers: No blockers

Eunice
- Updates: No updates
- Next: finalize chat features
- Blockers: None

Parking Lot
- Finish assigning difficulties
- Finish assigning work

# Meeting 3

**Date:** Apr 28, 2022
**Start time:** 8:36 pm
**End time:** 8:57 pm
**Meeting location:** Zoom
**Performance Review:**

Summary of Member's Performance:
What did I do today that helped the team meet the Sprint goal?
What will I do tomorrow to help the team meet the Sprint goal?
Do I see any impediment that prevents me or the team from meeting the Sprint goal?

Christina:
- Updates:
    - looked at documentation for react library for visualization
- Next:
    - cont. working on visualization for activity tracking
- Blockers:
    - figuring out what data we're tracking
    - how we're collecting data / what format we're collecting
        - data they're manually logging about health
        - if needed, could also work on entering health metrics too

Isabella:
- Updates:
    - took name off task for health metrics logging
- Next:
    - when available to work on project, working on it
- Blockers:
    - none

Joshua:
- Updates:
    - working on routing & design of pages
- Next:
    - exact same thing
- Blockers:
    - particular specific one:
        - when submitting the form, ruins the logout process
            - works if you refresh the page
            - probably an issue in the the onSubmit lambda function in setUserInfo

Eunice:
- Updates:
    - looked at PR's, try to get my user id that's generated google auth
    - documentation for sendbird chat
- Next:
    - do the same thing
    - look at Josh's branch
- Blockers:
    - None

# Meeting 4

**Date:** May 2, 2022
**Start time:** 8:32 pm
**End time:** 8:54 pm
**Meeting location:** Zoom
**Performance Review:**

Charlotte
- Updates: PR needs to be reviewed, review Isabella's PR, help Isita with testing
- Next: Can do whatever needs to be done next
- Blockers: None

Christina
- Updates: Working on visualization for activity, created charts for daily tracking
- Next: Working on tracking over a weekly time period and monthly activity
- Blockers: Health data logging

Eunice
- Updates: No updates regarding chat
- Next: Will work on chat tomorrow
- Blockers: No blockers

Isabella
- Updates: Started health data logging
- Next: Finish the health data logging
- Blockers: None

Isita
- Updates: server tests
- Next: Talk to Charlotte about JWT for testing
- Blockers:

Parking lot:
- Testing requests on backend-requests branch
  - first create **user** object:
    - created with google id
      - do console log, to show google id in server.js or app.jsx
  - create **pt object** using same id (as user)

# Meeting 5

**Date:** May 3, 2022
**Start time:** 8:36pm
**End time:** 9:24pm
**Meeting location:** Zoom
**Performance Review:**

<span style="color:blue">Summary of Member's Performance:
What did I do today that helped the team meet the Sprint goal?
What will I do tomorrow to help the team meet the Sprint goal?
Do I see any impediment that prevents me or the team from meeting the Sprint goal?</span>

Name: Isita
- Updates: Figured out jwt stubbing and working on tests right now
- Next: Finish testing and PT dashboard
- Blockers: none

Name: Christina
- Updates: finished frontend for weekly and monthly activity tracking
- Next: Trying to connect it with health data in the database. Figuring it out with Isabella
- Blockers: None

Name: Isabella
- Updates: finished health logging frontend and backend
- Next: Help Christina figure out visualization backend
- Blockers: None

Name: Eunice
- Updates: Implementing initiate messaging through marketplace (Frontend)
- Next: Figuring out sdk integration for messaging
- Blockers:

Name: Joshua
- Update: Finishing up routing and setting up user information
- Next: Write remainder of white box tests
- Blocker: None, working with Charlotte

Parking lot:
- several people cannot access chat when they log in
  - resolved: needed to configure env file correctly
- figuring out what else we need to do in backlog / not in backlog

# Meeting 6

**Date:** May 4, 2022
**Start time:** 8:30 pm
**End time:** 9:00 pm
**Meeting location:** Zoom
**Performance Review:**

<span style="color:blue">Summary of Member's Performance:
What did I do today that helped the team meet the Sprint goal?
What will I do tomorrow to help the team meet the Sprint goal?
Do I see any impediment that prevents me or the team from meeting the Sprint goal?</span>

Name: Charlotte
- Updates: started working on dashboards
- Next: finish the dashboards and review eunice's PR
- Blockers: None

Name: Isita
- Updates: Setup dummy server and database for testing, testing breaks on mongodb error. it's a slow mongodb connection problem? keeps timing out
- Next: figure out testing mongo problem and JWT verification stubbing
- Blockers: testing mongo problem

Name: Christina
- Updates: Problem is fixed. Can get health data from database
- Next: Having trouble setting state in component
- Blockers: Need some help with setting state

Name: Isabella
- Updates: Finished health visualization backend and CSS changes for marketplace and pages
- Next: Help Christina with setting state
- Blockers: None

Name: Eunice
- Updates: Connect marketplace to messaging and made a PR
- Next: PR needs to be reviewed, changing the user id for sendbird, review other PRs
- Blockers: None

Name: Thi
- Update: Workout frontend is here, but backend stopped working
- Next: Fix workout backend
- Blocker: Video embeddings

Parking lot:
- Isita has a thing about testing
- Test database is slow
- Christina and Isabella need help with React

# Sprint Review

a. Date: May 5, 2022
b. Meeting start time: 8:40pm
c. Meeting end time: 8:57pm
d. Meeting location: Zoom
e. Meeting summary:
   i. What has been done?
      1. Black box tests
      2. White box tests
      3. Chat Feature b/t PT and Client
      4. Health Input & Visualization
      5. Dashboards
      6. User creation
      7. Edit PT and Client Profiles
      8. PT view and manage client Requests
   ii. What was planned but wasn't completed? Why?
      1. Implementing a notification system - there was not enough time to implement low-priority tasks
      2. Video embedding and workout pages - integrating video embeddings introduced new bugs to the pages
      3. Goal setting - not enough time to implement low-priority tasks
   iii. What went well during the Sprint?
      1. Functionalities between features were connected
      2. Prioritized tasks that would be blockers
   iv. What could be improved in the next Sprint?
      1. Team velocity
      2. Testing