



Software Design Documentation

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How to Install

1. Open terminal in repo
2. cd to back-end folder
3. Add latest .env file into the back-end folder
4. **npm install** after a fresh pull
5. **npm run dev** to start up localhost

EndPoints

User

Start: <http://localhost:3000/api/users>

Info	Description	Status
POST /signup Requires in body: name email password	Creates a new user instance in the database. Returns the user in json structure.	Under review ▾
POST /login Requires in body: password email	Creates user session using email. Returns the user in json structure.	Under review ▾
POST /signout Requires in body:	Removes current user session.	Under review ▾
GET /me Requires in param:	Returns the current user in session in json structure.	Under review ▾
GET /find Requires in param: email	Returns the user with a given email in json structure.	Under review ▾
DELETE /delete Requires in param: email	Deletes the user with a given email from the database. Returns the user information deleted in json structure.	Under review ▾
PATCH /update/age Requires in body: age	Updates the user's age of the current user in session. Return updated user.	Under review ▾
PATCH /update/weight Requires in body: weight	Updates the user's weight of the current user in session. Return updated user.	Under review ▾
PATCH /update/height Requires in body:	Updates the user's height of the current user in session. Return updated user.	Under review ▾

Info	Description	Status
height		
POST /update/name	Updates the user's name of the current user in session. Should see changes on the user's profile.	In progress ▾
POST /update/username	Updates the user's username of the current user in session. Should see changes on the user's profile.	In progress ▾
POST /update/biography	Updates the user's biography of the current user in session. Should see changes on the user's profile.	In progress ▾
POST /send/verification	Queries the database by the given email and if it exists, it sends a randomised string as a verification code.	Complete ▾
POST /password/reset	Updates the user's password with the given email and password.	Complete ▾

2. Frontend Documentation

Screens

Info	Description	Status
Landing Screen	Initial screen that appears when application starts up. Contains buttons to navigate to Sign Up Screen, Login Screen, and Home Screen.	Complete ▾
Sign Up Screen	Screen for the user to sign up, takes in user input for username, email, and password. Contains a button that signs up the user and navigates to Sign Up Intro Screen.	Complete ▾
Sign Up Intro Screen	Screen for the user to read an introduction about the application, and optionally input their age, weight, and height. Contains a button that will navigate to the Home Screen.	Complete ▾
Login Screen	Screen for the user to login, takes in user input for email and password. Contains a button that will navigate to the Home Screen if the credentials are	Complete ▾

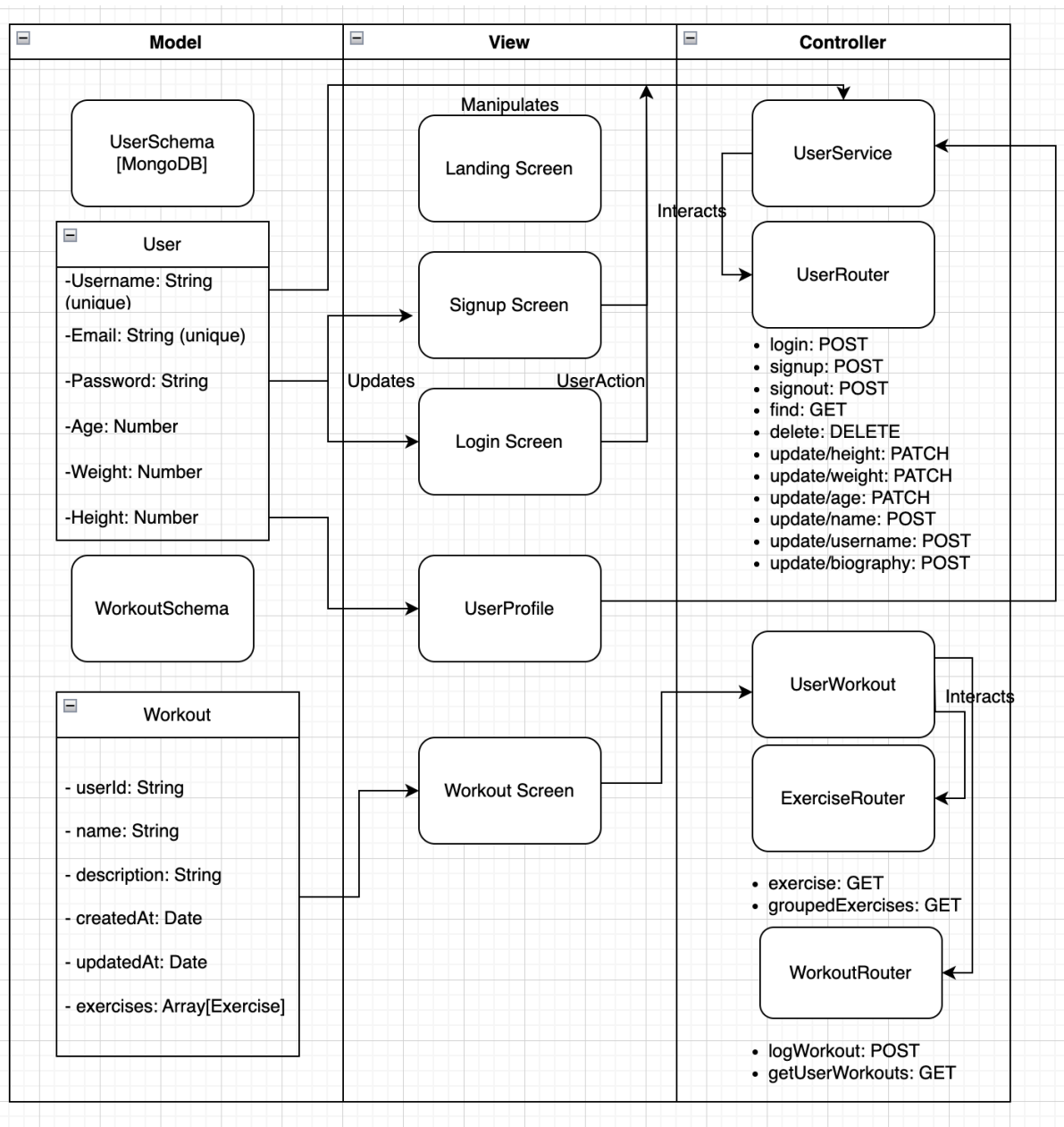
Info	Description	Status
	valid. Also contains a button that will navigate to the Reset Login Screen.	
Reset Login Screen	Screen for user to reset their password, takes in user input for email. Contains a button that will send a verification code to the email, and navigates to New Password Screen.	Complete ▾
New Password Screen	Screen for the user to login in with their verification code, takes in input for verification code, new password, and confirm password. Contains buttons that navigate to Landing Screen and to Reset Login Screen.	Complete ▾
Home Screen	Screen for the user's home feed. Contains a navigation bar to navigate to Profile Screen and Workout Screen. Also contains posts from other users for the user to view and interact with. Has a search bar that allows user to search for other user's profiles by username or email.	In progress ▾
Profile Screen	Screen for the user's profile. Contains the user's name, profile picture, biography, number of workouts, number of followers, and number of following. Contains buttons for navigation to Edit Profile Screen, Settings Screen, Notifications Screen, Messages Screen, and a navigation bar to navigate to Home Screen and Workout Screen. Contains text about workout data.	Under review ▾
Edit Profile Screen	Screen for the user to edit their profile, takes in user input for name, username, and biography. Contains a button to change the user's profile picture, a checkmark button to confirm the changes, and an "x" to go back to Profile Screen without making any changes. Also contains a toggle option for showing badges on profile.	In progress ▾
Workout Screen	Screen for users to start a new workout, start a previously saved routine, or create a new routine. Contains buttons to navigate to Start New Workout Screen, Create Routine	Under review ▾

Info	Description	Status
	Screen, and Start Routine Screen.	
Start New Workout Screen	Screen for the user to start a new workout, takes in user input to search the title of a routine, as well as user input for notes for each exercise. Contains a button to add an exercise, an Option button, and a Finish button to stop the timer. Contains text that displays the duration of the workout, the volume (lbs) and number of sets. To be used during the workout to keep track of what exercises were performed.	Complete ▾
Create Routine Screen	Screen for the user to create a new routine, takes in user input for the routine title. Contains a button to add an exercise to the routine. To be used to create a routine containing exercises predetermined by the user that can be started in the Start New Workout Screen.	In progress ▾
Start Routine Screen	Screen for the user to view the workouts within the routine, takes in text input for weight and reps for each set within each exercise. Contains a Finish button to stop the timer, and an Add Set button to increase the number of sets performed.	In progress ▾
Settings Screen	Screen for the user to manage the settings of the application for their account. Contains buttons for navigation to the Profile Screen, Workout Screen, and others.	In progress ▾
Notification Screen	Screen for the user to view their notifications. Contains text that displays any new notifications, with a scrollable view.	Not started ▾
Friends Screen	Screen for the user to see a list of their friends. Each friend is visually indicated with a button that navigates to the other user's profile.	In progress ▾
Messages Screen	Screen for the user to select which other user to send messages to. Contains buttons that navigate to conversations with other users. Each button displays the profile picture of	Not started ▾

Info	Description	Status
	the other user, and the status of the last message (Seen, Sent).	

3. Software Design Architecture

For our design architecture, since it did not make sense for us to have CRC cards due the nature of our project so far (spoke with TA about this during our demo and said it was fine), we created activity diagrams in the section. However, we are still following the MVC pattern and we have a brief overview of our architecture. We are using React for our view, mongoDB for our model and Express for our backend (controller - userRouters etc.).



4. Activity Diagrams

Activity Diagrams (Sprint 2)

