

## **CS5610: Web Development**

### **Project 2**

#### **Design Document for Project 2 – Node + Express + Mongo + HTML5**

##### **1. Description of the project:**

- We designed and built a health/fitness tracking web application for users who are looking to get on a diet plan and/or a workout routine. Health/fitness enthusiasts or anyone looking to make lifestyle changes can easily create an account in the web app, view key fitness metrics, create or choose meal plans and workout routines, and keep a record of daily routines on their health/fitness journey.

##### **2. User Personas:**

- Jake is a busy single father of two who runs his own small business and works approximately 100 hours a week. Between work and taking care of his two girls, he has little to no time left to incorporate exercise into his lifestyle or adhere to a diet.
- Ke is a final-year Computer Science student who spends any spare time she has working on her dissertation as she wraps up her Ph.D. She's a health and fitness enthusiast and creates health/fitness/lifestyle content for her YouTube channel on the weekends.

##### **3. User stories:**

- Jake, who is ready to begin dating again, wants to lose weight and get in shape and needs a simple app that can help him keep track of his “calories in vs calories out” on his fitness journey. He would like to see his last recorded fitness metrics like weight and BMI, as well as create and track his workout routines and meal plan.
- Ke is very enthusiastic about fitness and cares about her health. As part of her daily routine, and for content creation, she wants an app that allows her to build

Name: Ke Chen, Jeremiah Asala

her workout and diet log for regular exercise and to keep track of the different aspects and phases of her health and fitness journey.



REGISTER

# SIGN IN

Email

Password

SIGN IN

Don't have an account? [Register](#)



SIGN IN

# REGISTER

**First Name**

**Last Name**

**Email**

**Password**

**Confirm Password**

**REGISTER**

Have an account? [Sign In](#)



SIGN IN

DASHBOARD



# WELCOME TO DW TRACKER

**LOGIN**

Don't have an account? [Register](#)

# Overview

Welcome back, Bella! Your progress is really good. Keep it up

 Overview

 Templates

 History

 Settings

## Templates

[View all >](#)

Template name

Rate      Type

⋮ Legs

★ 4.8      Lower Body

⋮ Chest and Triceps

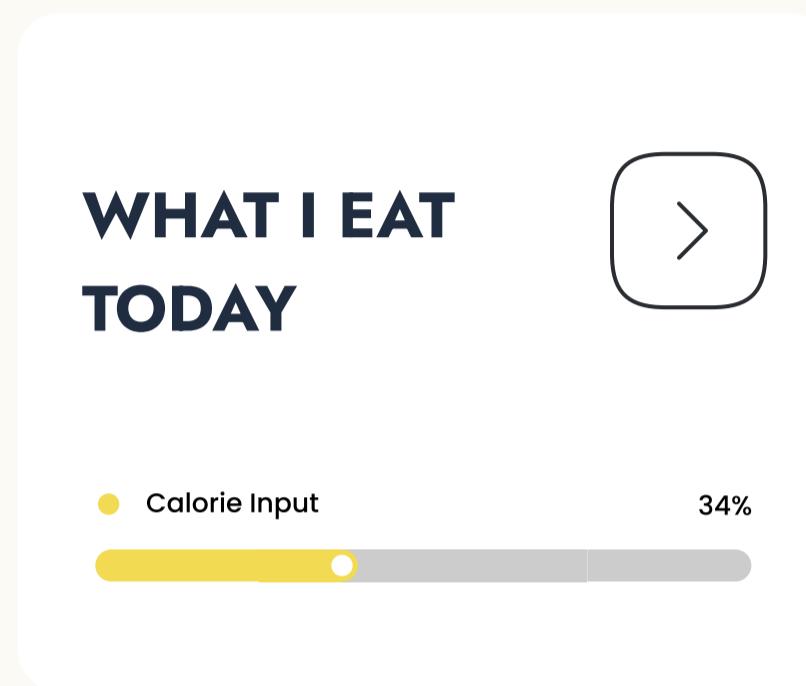
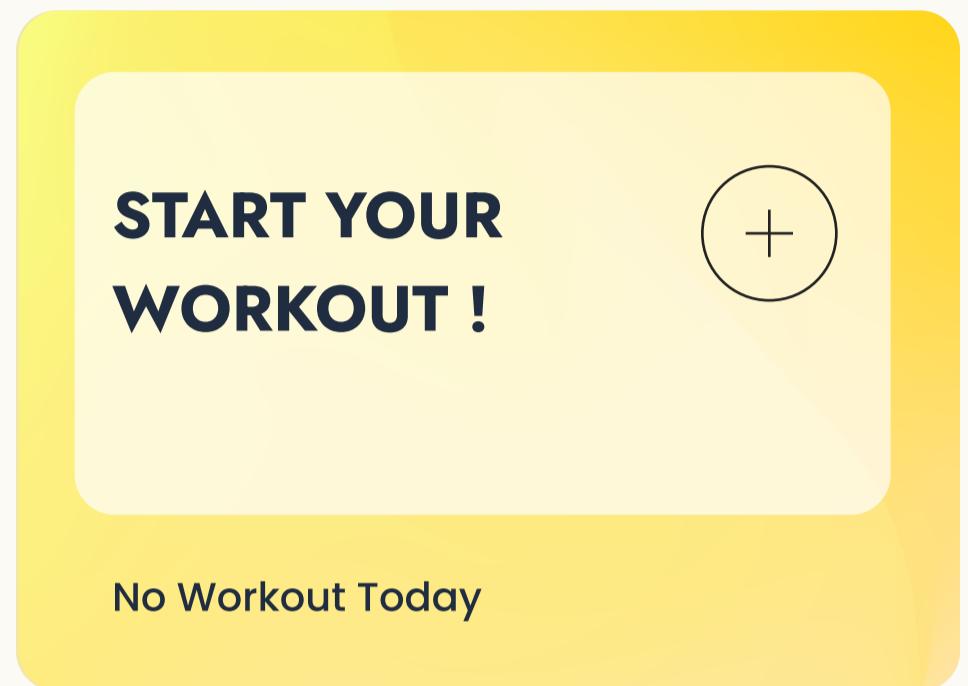
★ 4.8      Upper Body

⋮ Back and Biceps

★ 4.8      Upper Body

 Add One

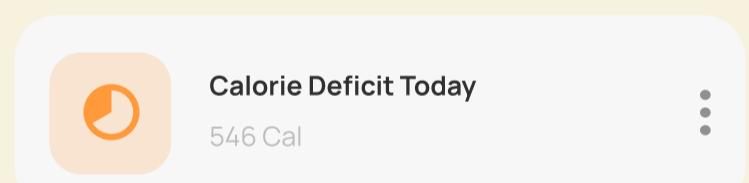
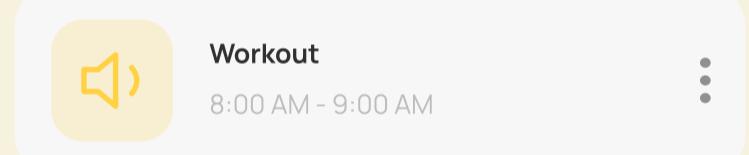
 Log out

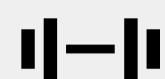


Bella >

Workout Beginner

## Reminders





# USER PROFILE

## PERSONAL INFO

[EDIT](#)

NAME TEXT

DATE OF BIRTH MM/DD/YYYY

GENDER TEXT

ADDRESS TEXT

## ACCOUNT DETAILS

[EDIT](#)

EMAIL @XX.COM

PASSWORD \*\*\*\*

DWPASS #637AJ3KC



+ Add Exercise



Legs

Squat

Squat



Chest

Back

Biceps

Triceps

Squat

Squat



Squat

Squat



Squat

Squat





## Squat

Set 1

Weight

lbs

Reps



+ Add Exercise