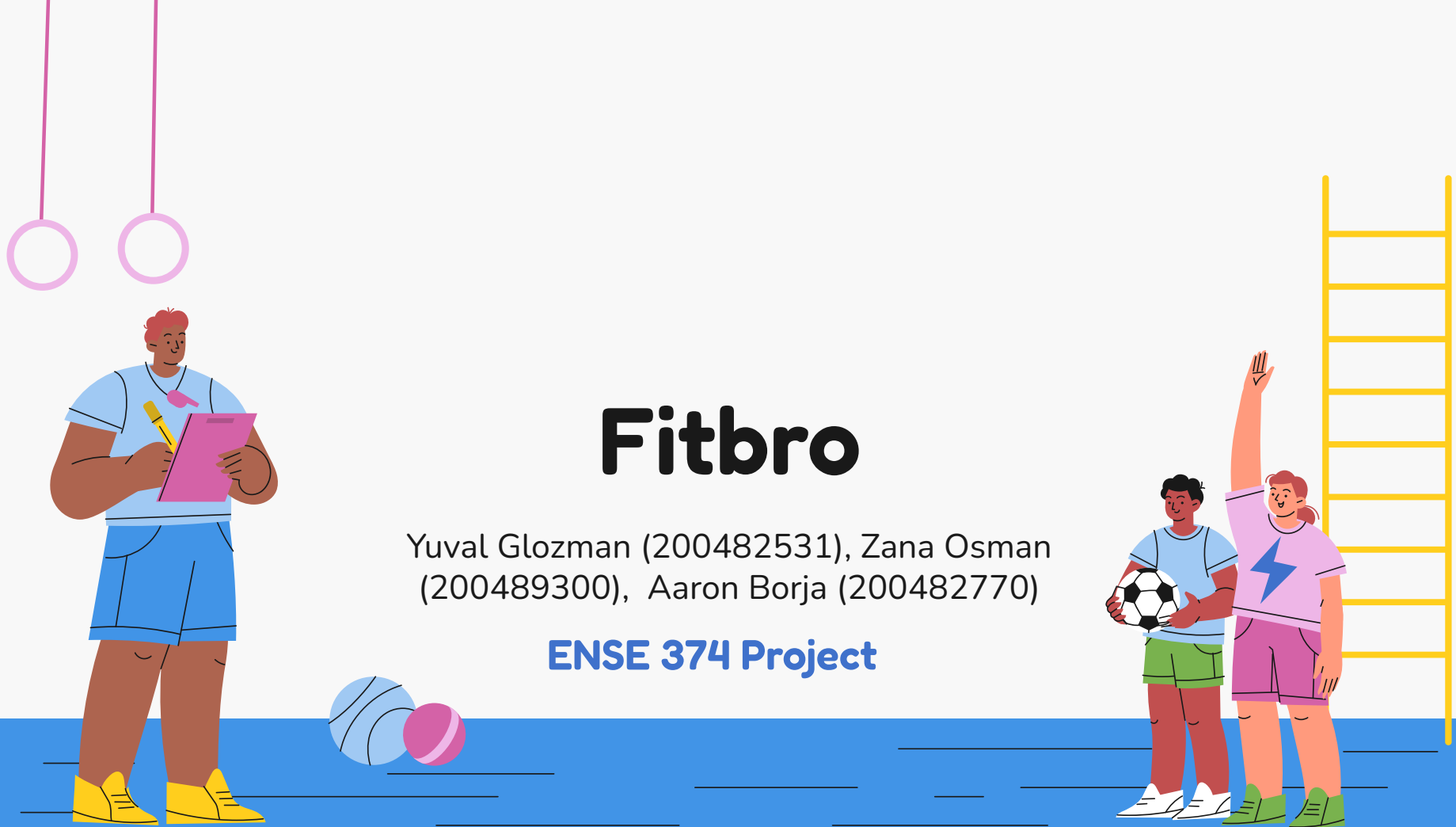


Fitbro

Yuval Glozman (200482531), Zana Osman
(200489300), Aaron Borja (200482770)

ENSE 374 Project

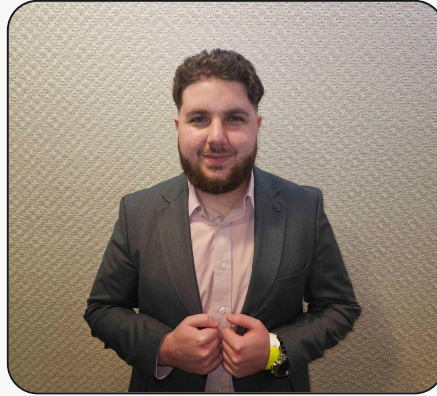


The Fitbro Team



Yuval Glozman

Project Manager/Fullstack
Developer



Zana Osman

Lead Fullstack Developer



Aaron Borja

Project Documentation/Fullstack
Developer



Agenda

01

Introduction

Rationale, Problem
Definition

02

Design and Implementation

Requirements, Goals,
Objectives, and Constraints

03

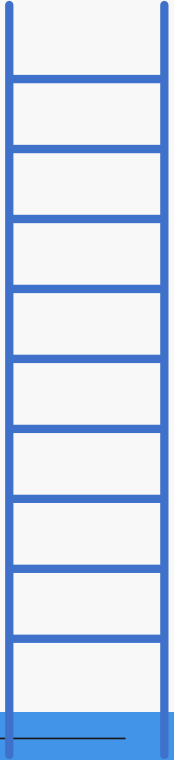
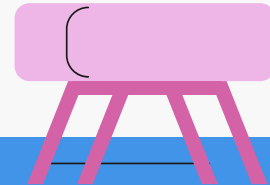
Design Solutions

LoFi Prototypes

04

Project Management

Gantt Chart, Conclusion



01

Introduction



Introduction

Background Info

- Today's busy environment makes it hard for us to build new routines, especially those that can be challenging to maintain such as working out.
- In terms of working out, manual logging or memory doesn't serve as a viable solution.

Rationale

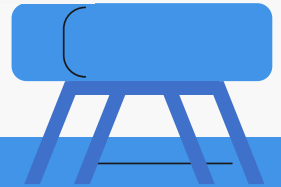
- More people starting to get into working out, Fitbro offers a simple and user-friendly tool to streamline workouts, making consistency easier and allow them to prioritize the workout itself rather than the logging of information.



Problem Definition

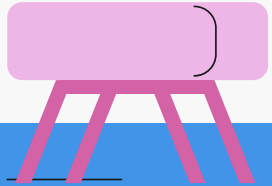
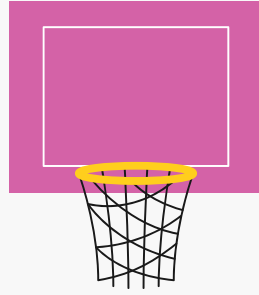
For us and other people as well, consistency with their routine is a main struggle. Without a solution or a tool, users may be left in the dark and not be able to reach the fitness goal they set, leading to negative mental and physical impacts.

We are trying to solve this issue with our application.

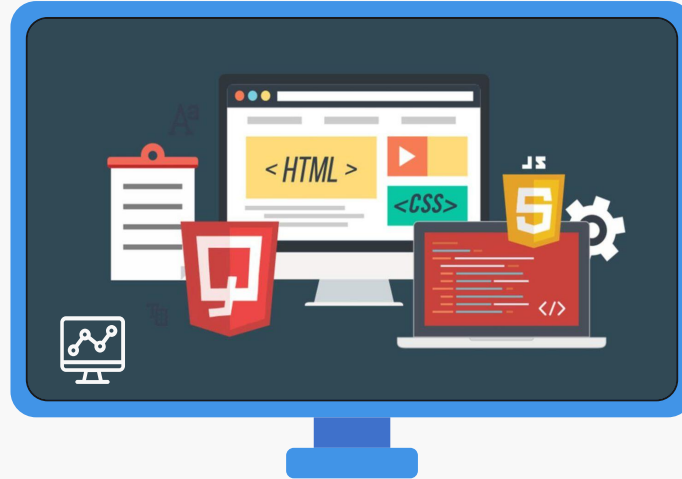


02

Design Requirements and Implementation Tools



Design Requirements



Tools and Languages:

Model: MongoDB

View: HTML, CSS, JavaScript, Bootstrap, EJS

Controller: NodeJS, Express, Passport

Other Tools: Draw.io



Goals

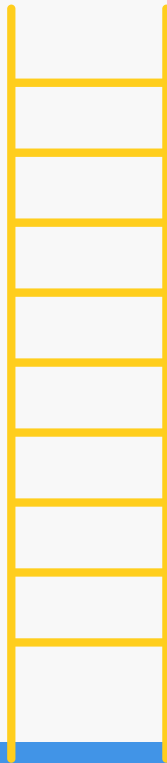
- Simple and customizable fitness tracker
- Learn about MVC Implementation strategy

Objective

- Allows user to log in and save customizable workout templates
 - Easy to use user interface

Constraints

- Time
- lack of experience
- feature scope



03

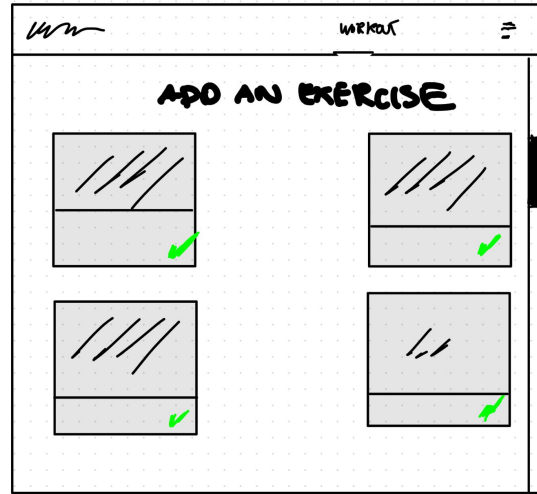
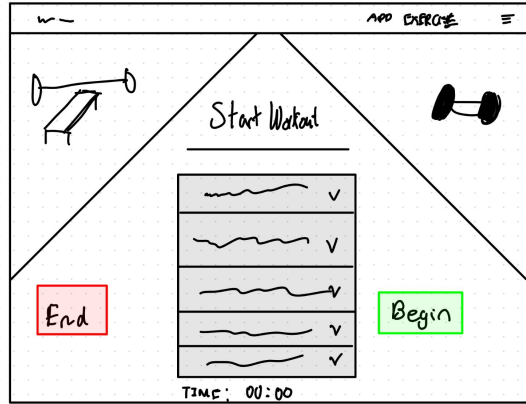
Solution



	Usability	Development Time	Features	Totals
Solution1	5	9	2	16
Solution2	7	3	9	19
Solution3	6	7	7	20

Lofi Soln 1

Sign Up



Solution 1

For our solutions, Design and Implementation: Lofi Wireframes, Full Stack Development learned from the lab. (HTML, CSS, NodeJS, MongoDB)

Ability to start a workout, add exercises to a workout

For: occasional gym goers, no previous workout data

Solution 2

Sign up Page

FitBro

Username

Email

Password

Confirm Password

OPTIONAL

Weight ☐ Height ☐ *Choice between m, ft, cm*

Choose for this kg

Avatar

Login Page

FitBro

What is FitBro?

Username

Password

Not A User? Sign Up

FitBro

AND EXERCISE NAME

Welcome Back

(Insert user name)

Workout Templates

Workout Page

FitBro

Exercise #	Time	Weight
Bench Press	2 10	30kg
Dumbbell Curls	3 15	25kg
Pushups	5 15	N/A

Sets/Reps

Weight (to default)

Add Exercise Page

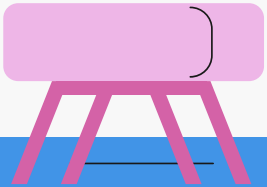
FitBro

Search ...

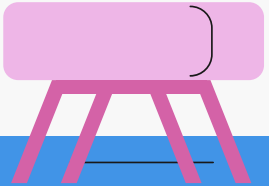
Exercise Name	Sets	Reps
Bench Press	2	10
Dumbbell Curls	3	15
Pushups	5	15

Button to scroll down

Save last previous workout data and templates

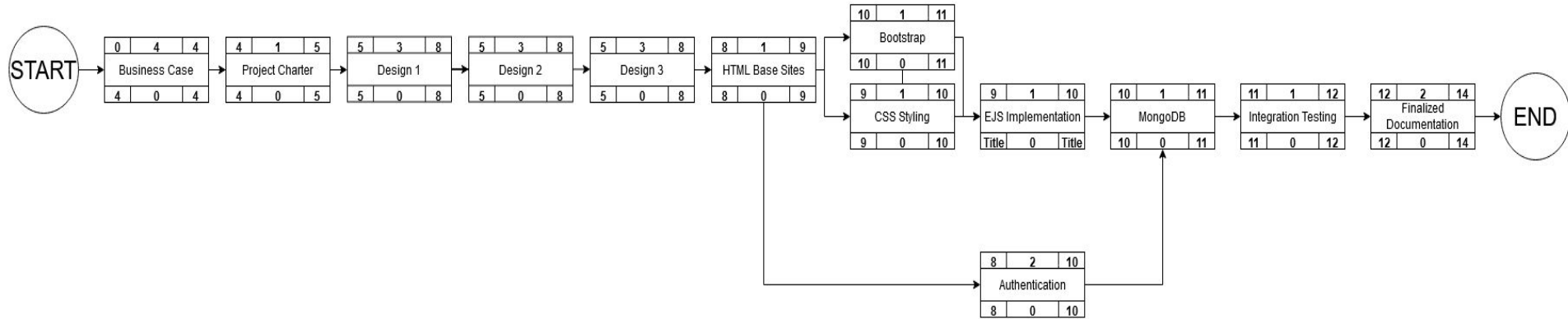


Solution 3

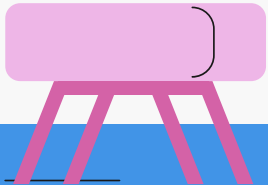


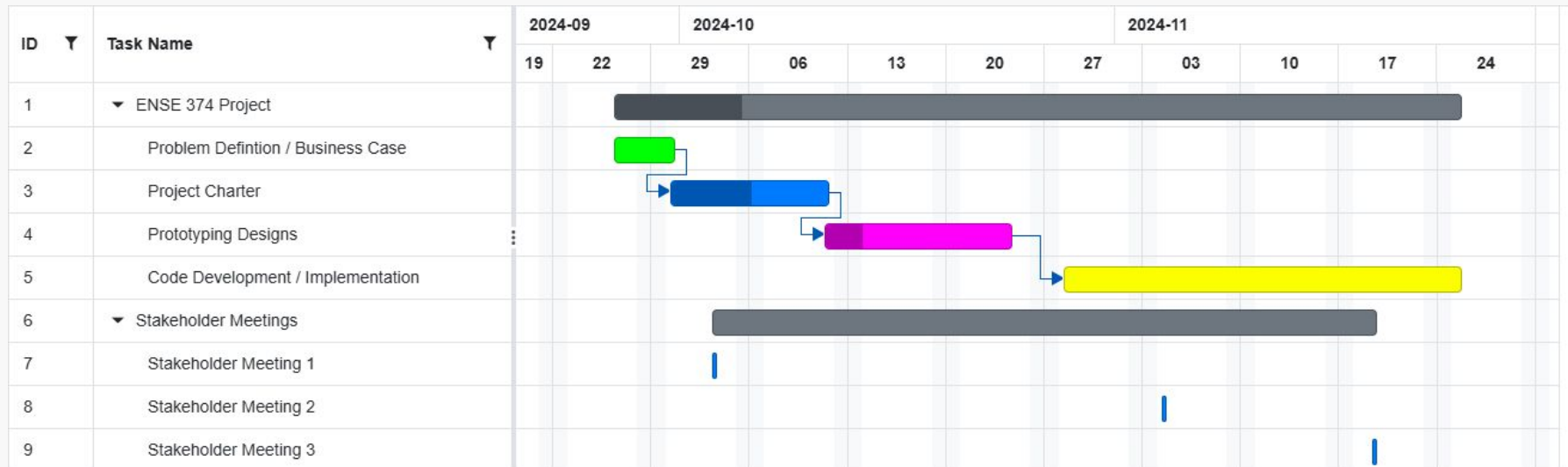
Project Management



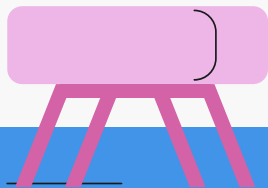


ENSE 374 Product Activity Network





ENSE 374 Project Gantt Chart



Future Works

Short Term - 4 months

- Improved user feedback
- Improved and Diverse Set System
- Workout Analytics
- Workout History Page
- Increased user safety and privacy
- Exportable data to csv

Future Term - 1 year+

- Create mobile application with data that can sync over both platforms
- Use of APIs to allow for recommended workouts/exercises
- Implement Moodify program to allow user to get spotify song/playlist recommendations

Thanks!

Do you have any questions?

