

1Up Bouldering Gym

Membership Management System

Full Stack App - Garvey Chan and Katherine Rock



Key Features

Priorities for Minimum Viable Product



**Onboard new
members**



**Upload
profile
photo**



**Sign
waiver**



**Process
Payments**



**Member
Check-In
Dashboard
(Admin)**



Live Demo

<https://www.1upbouldering.app/>

Client User Testing Development

TypeForm Surveys

2 rounds of user testing

Round 1 - Prototype

Based on Figma Wireframes

5 responses

Average score of 8 out of 10

Positive feedback

Colour scheme is good and user interface is simple and intuitive

Impressed with design, forms and payment

Negative feedback

Buttons and forms are not functional

Needs more information and data reported

Logo is too small

Additional features/suggestions

Two factor authentication

Client User Testing

Production

Round 2 - Production

Release of initial version of app in production

Feedback from client at meeting on 27-Jul-2021

App is fit for purpose

Looks good

Request to move the logo

Additional feedback from users via Typeform survey

4 responses

Average score of 4 out of 5 for overall usefulness

Positive feedback

"very well designed, sleek, and user friendly!"

Sign up process was easy

Negative feedback

Some bugs identified with page redirections

Additional features/suggestions

Request to filter on member data

Ongoing User Feedback in Production

Usersnap testing widget

1

Love the colour scheme!

Delete😊Post

Create your new account

Email address

Enter a password

Confirm your password

→ Sign Up

Let us know your thoughts

Add a comment

Your Feedback

Label

Choose Label

Submit

Powered by usersnap

Users can add comments, take screenshots, write and draw, record their screen.

Usersnap Inbox

[illegible]

Internal User Testing

Development and Production

Excel log of issues

Ongoing cycle of development testing, deployment to production and then production testing

Step 1 -

Test in development environment

Test each new or updated page and process

Document outcome of all tests

If no critical findings identified, deploy to production

Step 2 -

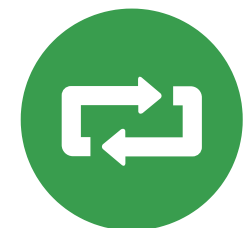
Deploy

Step 3 -

Test in production environment

Repeat all development tests to confirm app behaves as expected in production

Document outcome of all tests



Unit Testing

Formal Testing Frameworks

Front End

Jest testing framework for unit testing in React

Back End

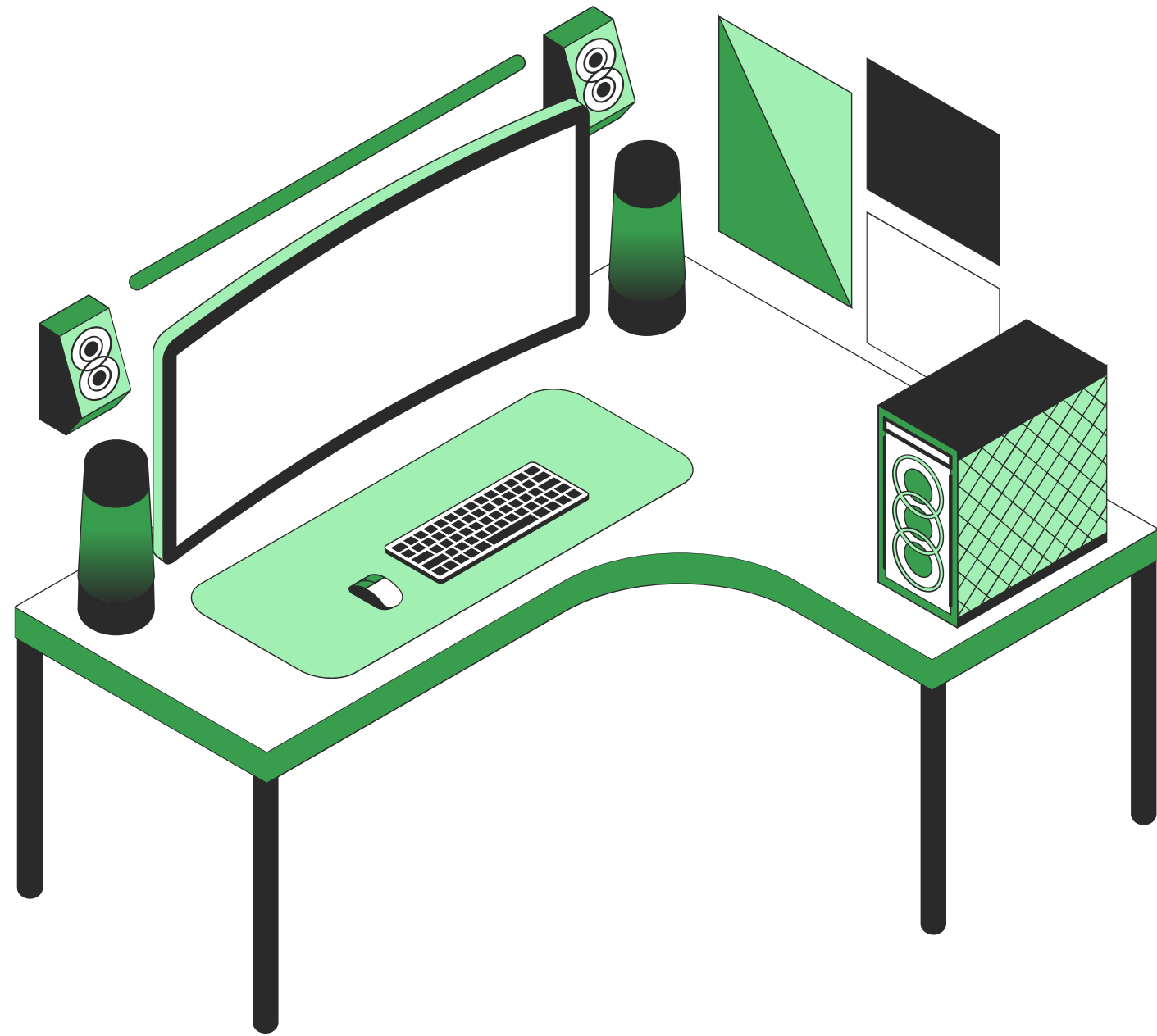
RSpec testing framework for unit testing in Rails

Integration Testing

Cypress for integration testing

Code Highlights





Do you
have any
questions?