Team 37 - UniFreelancer Academy

Walking Prototype
Date: 11/9/2025
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Project Partner: Alina Padilla-Miller - UniFreelancer

Demo Link: https://media.oregonstate.edu/media/t/1_5dsx643c
Github: https://github.com/AidanCaughey1/CS46X-UniFreelancer

RUN

Clone the repo before you begin
Prerequisites:
Node.js
npm or yarn

1. Navigate to frontend directory
   cd frontend
2. Install dependencies
   npm install
3. Start the development server
   npm start
   This application will open at https://localhost:3000
4. Open a new terminal and navigate to the backend
   cd dummy-backend
5. Start the backend
   npm start
   This backend API will start at https://locahost:5000. Make sure the backend server is running before testing the course creation functionality.
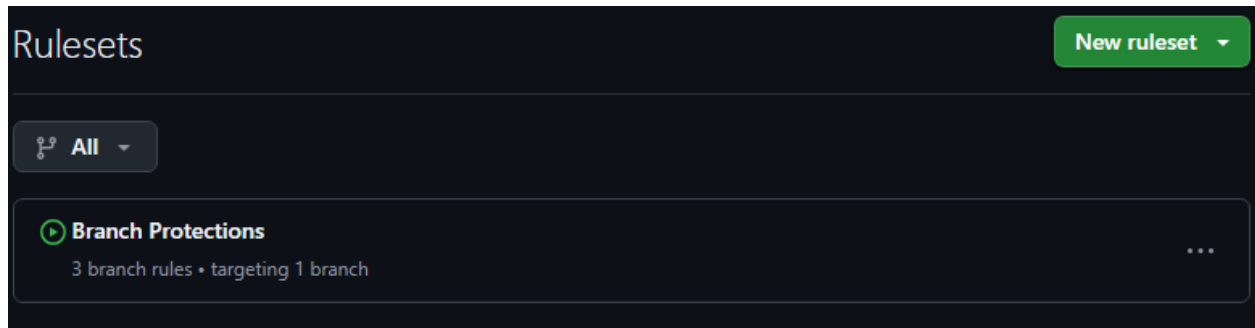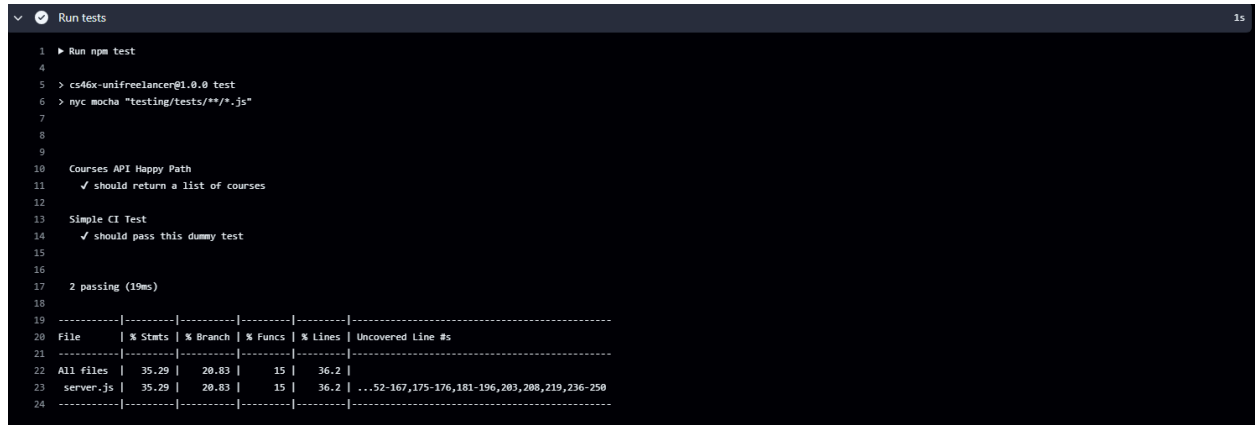
CI HEALTH

Latest main branch CI run:
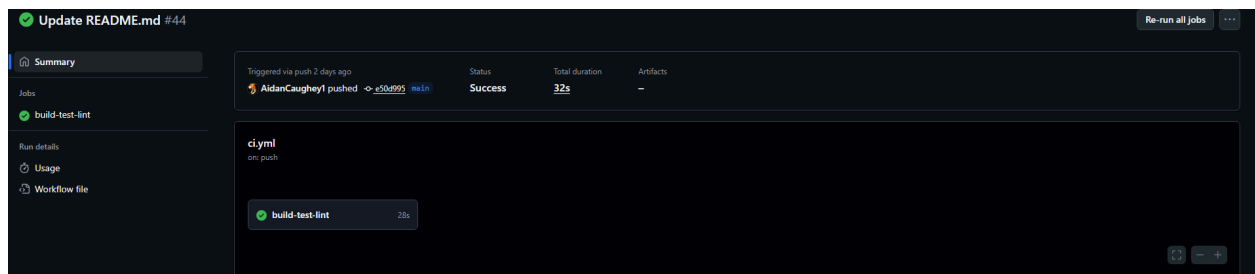
CI builds, runs all tests and lints the program

Branch Protections:

This ruleset requires all commits to be made to a non-target branch and submitted via pull request before they can be merged. It also requires the build test to pass before you can create the pull request.

TESTS

Our happy-path automated test attempts to return a list of courses from the website, which it does successfully.

Happy-path test (courses.test.js):

```
// testing/tests/courses.test.js
const request = require('supertest');
const app = require('../../dummy-backend/server'); // now exports app
const assert = require('assert');

describe('Courses API Happy Path', function () {
  this.timeout(5000);
  it('should return a list of courses', async function () {
    const res = await request(app)
      .get('/api/academy/courses')
      .expect(200);

    assert(Array.isArray(res.body), 'Response should be an array');
```

```
  // It's fine if empty initially
  if (res.body.length > 0) {
    const course = res.body[0];
    assert(course.id, 'Course should have an id');
    assert(course.title || course.name, 'Course should have a title or name');
  }
 });
});
```
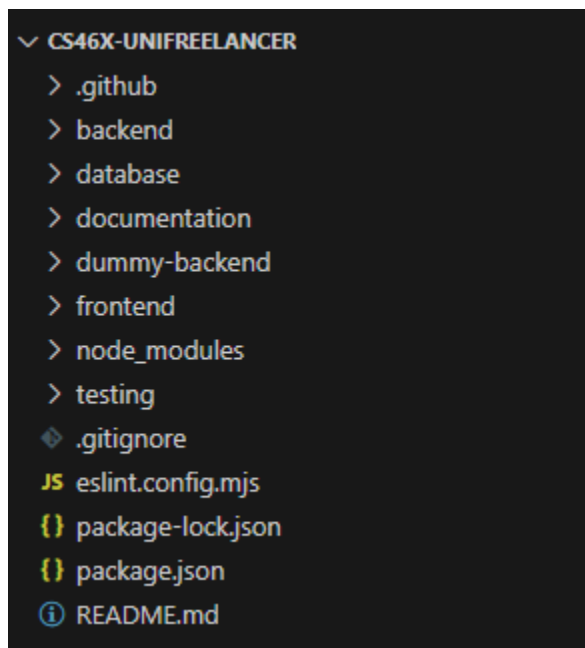
QUALITY

No output is given, meaning there were no lint errors found.
Using flat ESLint configuration, plus REACT plugin recommended rules.

CODE STRUCTURE

AUTHORSHIP

Team Member	Role	Authored Changes	Commit / PR IDs
Aidan Caughey	Backend Developer / Testing Manager	CI Pipeline and added the automated happy path test	Commit 77059d6 PR #23
Aiden McCoy	Backend Developer / Manager	Added initial backend prototype	Commit a5ae125 Commit 8c34b58
Baron Baker	Backended Developer / Database Manager	Implementing initial database prototype	Commit e31d155
Daniel Molina	Frontend Developer	Helped implement initial frontend prototype and stylized extra with CSS	PR #29
Nafizur Rahman	Frontend Developer / Manager	Implemented initial frontend prototype	PR #17

TRANSCRIPT

This is UniFreelancer and this is our demo and so we start off with our landing page for UniFreelancer Academy and there's two options. Whether you're a learner and you can go to our learning hub to decide on what courses and materials you want to cover or you are a creator and you want to create the materials and give it to learners. So let's start off with the creating section first. So start creating and it brings us to this page. So later on, we're planning on implementing authorization. So you'd have to be logged into a authorized creator account in order to create content and be able to access these pages. But for now, when you get to this page and there's three options of materials, there's course, seminar and tutorial. And courses are very long form teaching experiences that takes multiple weeks with modules. and assessments and tests seminars are kind of just one-time live seminars and webinars about specific topics and they're uploaded here and with Q&A's let's the learner learn a specific topic from the expert tutorial are just quick and fast lessons such as maybe like how to touch my resume what should I look for making a portfolio things like that so for now we are going to do the start creating course clicking on this brings up this form to create a course we can fill this out good and for description is do a little on ipsum and duration 12 weeks advanced hard stuff we can go with digital marketing for the badge here and then create course and this sends a post call and once we actually start implementing our back end which is going to be next sprint we're going to use mongodb for database of store uh choice to store things but for now we're just putting it into a json file you can see it right here got made with whatever important information is needed with it then you go start learning now you're a learner and you want to start picking stuff out a lot of this is yet to have actual

functionality but you should see a lot of progress here and what we mainly have right now is a listing of courses and if you scroll down we get to see the course we just made showing how the back end works and additionally we can filter so if we filter by advanced we get this right if we filter by intermediate we get this and in further sprints we're going to add seminars and tutorials and we're also going to fill out this my learning page that doesn't have functionality yet and we're going to also fill out the view details of each course which is currently a placeholder card and that is our skeleton demo.