

Team 37 - UniFreelancer Academy

CS Capstone - Progress Report: Sprint 7

Date: 02/01/26

Team Members: Aidan Caughey, Aiden McCoy, Baron Baker, Daniel Molina, Nafizur Rahman

Project Partner: Alina Padilla-Miller - UniFreelancer

Summary

- Implemented seminar details page.
- Implemented tutorial details page.
- Partially implemented Zoom video encoding.
- Implemented Youtube video encoding.
- Added profile integration with no more local authentication.

Sprint Work Log

Aidan Caughey

Zoom Web SDK Implementation

Status: Partial

Owner: Aidan Caughey

Collaborator: Daniel Molina

Link:

<https://github.com/aroby1/CS46X-UniFreelancer/commit/52bb6ba8611e0db2b2fdbaf76c3a9dc12c7fea6>

Zoom Local SDK (5.1.0) Stability Test

Status: Loading resources...

Join Meeting

Working to implement the video and also make it so anyone can put their meetings on the website and not just the owner of the Zoom App.

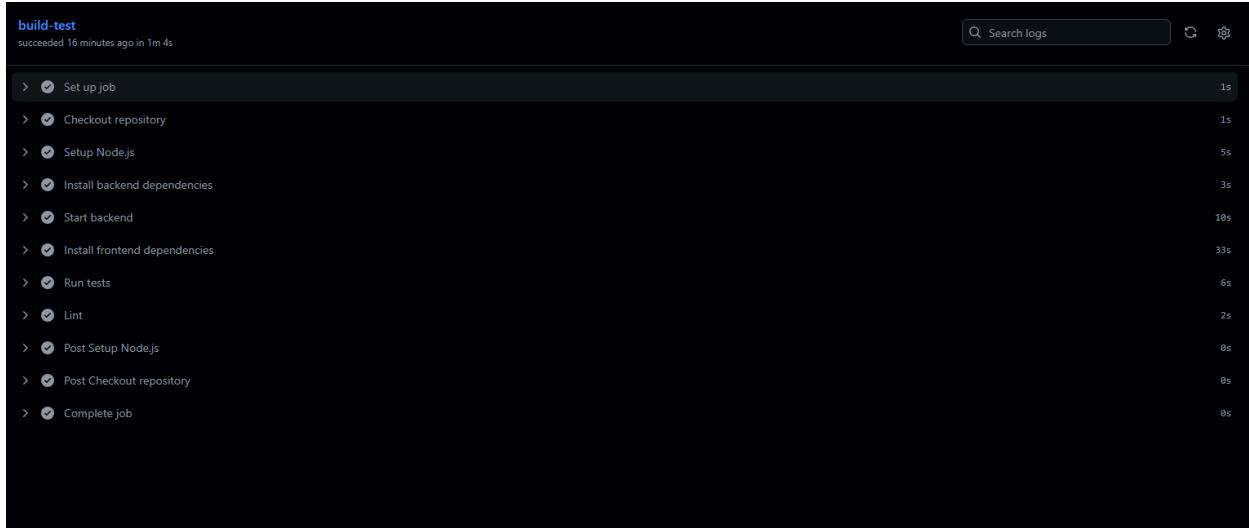
Continued Maintenance of the CI Pipeline

Status: Continued

Owner: Aidan Caughey

Link:

<https://github.com/aroby1/CS46X-UniFreelancer/actions/runs/21577512822/job/62167936338>



Aiden McCoy

Continued updating the stripe configuration, currently working on working with stripe CLI to run stripe through a local tunnel instead of on my local laptops ip.

Status: Partial

Collaborators: Aiden McCoy

Link: <https://github.com/aroby1/CS46X-UniFreelancer/tree/aiden-stripe>



Payment Successful! 🎉

Thank you for your purchase. You now have full access to your course.

Payment ID: **pi_3Sq0jkP4n87m1dAy0...**

[Go to My Courses](#)

[Browse More Courses](#)

A confirmation email has been sent to your email address.

You can start learning right away!

Baron Baker

Embedded YouTube videos for Course Modules

Status: Complete

Collaborators: Baron Baker

Link: <https://github.com/aroby1/CS46X-UniFreelancer/pull/50>

Successfully implemented dropdown sections for Course modules. Created a helper function to work with all forms of YouTube URLs. Added additional css changes so the page structure does not break. Looking into removing recommended videos after the module video is played.

MODULE 1

Brand Identity and Social Currency

2 weeks

This module focuses on building a strong brand identity and leveraging social currency to create con...

OVERVIEW

This module focuses on building a strong brand identity and leveraging social currency to create content that resonates and spreads. Learners will explore how personal and business brands can craft authentic identities, develop shareable content, and use psychological triggers to foster engagement. Drawing on Berger's concept of social currency and principles of content marketing, this module provides practical strategies for freelancers and businesses to stand out, build trust, and encourage audience-driven amplification in a competitive digital landscape.

LEARNING OUTCOMES

- Define and apply the concept of social currency to make your brand and content more shareable and conversation-worthy
- Develop a clear and compelling brand identity that aligns with your values, audience needs, and market positioning
- Analyze and implement content marketing strategies that strengthen brand identity and drive engagement
- Design social currency-driven tactics that encourage audience participation and organic reach
- Evaluate challenges and opportunities in brand building using insights from psychology, consumer behavior, and digital trends

 Watch Video +

 Article Content Available

 Watch Video -

How Apple and Nike have branded your brain | Your Brain on Money | Big Think



The Neuroscience of Branding

Watch on  YouTube

 Article Content Available

Daniel Molina

Zoom Web SDK Implementation

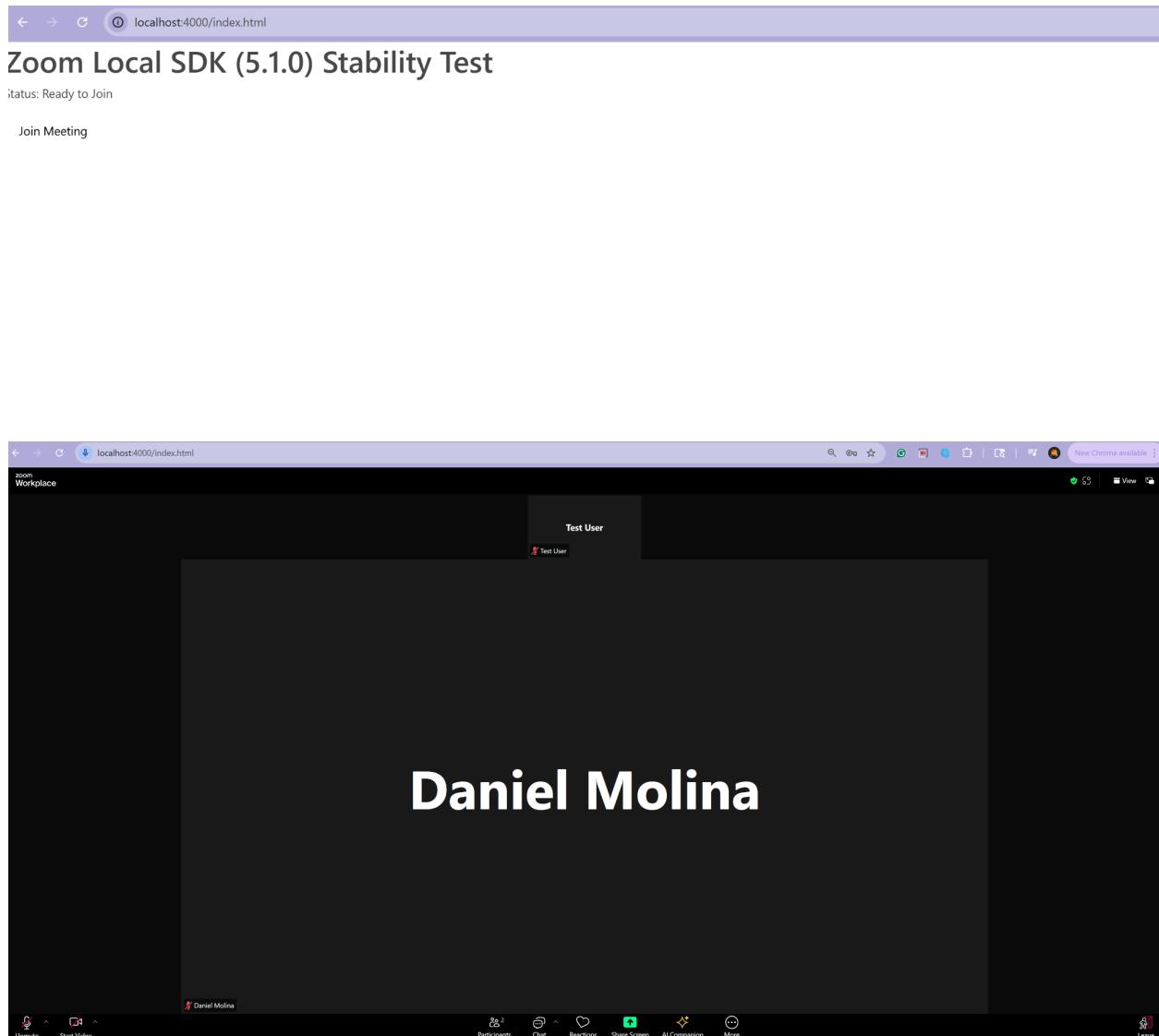
Status: Partial

Owner: Aidan Caughey

Collaborator: Daniel Molina

Link:

<https://github.com/aroby1/CS46X-UniFreelancer/commit/52bb6ba8611e0db2b2fdbaf76c3a9dc12c7efea6>



The current test implementation only seems to be working with the owner of the Zoom app. Will continue working on this issue to allow anyone to join a meeting.

Updated Auth Model

Status: Complete

Owner: Daniel Molina

Reviewer: Nafizur Rahman

Link: <https://github.com/aroby1/CS46X-UniFreelancer/pull/45>

Begin Implementing Cookie-Based Authentication #45
Merged · YouTheProgrammer merged 6 commits into main from fest/auth · 0/16 viewed · 0 Comments · 0 Submit comments

Filter files... ▾

backend/routes/users.js

```
1 const express = require("express");
2 - const bcrypt = require("bcrypt");
3 + const bcrypt = require("bcryptjs");
4 + const jwt = require("jsonwebtoken");
5 const user = require("../models/UserModel");
6 + const { protect } = require("../middleware/authMiddleware");
7
8 const router = express.Router();
9
10 // Helper to generate JWT
11 + const generateToken = (id) => {
12 +   return jwt.sign({ id }, process.env.JWT_SECRET || 'defaultSecret', {
13 +     expiresIn: '30d',
14 +   });
15 +
16 // -----
17 // Create new user
18 // -----
19
20 @@ -42,6 +51,17 @@ router.post("/register", async (req, res) => {
21
22   await user.save();
23
24   // Generate token
25   + const token = generateToken(user._id);
26
27   // Set cookie
28   + res.cookie('token', token, {
29   +   httpOnly: true,
30   +   secure: process.env.NODE_ENV === 'production', // Use secure cookies in production
31   +   sameSite: 'strict', // Prevent CSRF
32   +   maxAge: 30 * 24 * 60 * 60 * 1000, // 30 days
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```

Migrated from the localStorage-based approach to a more secure cookie session model. Improves security and prepares codebase for future Sharetribe integration or a custom authentication system.

Implement Tutorial Detail Page & Profile Integration

Status: Complete

Owner: Daniel Molina

Reviewer: Aidan Caughey

Link: <https://github.com/aroby1/CS46X-UniFreelancer/pull/46>



Daniel Molina

@daniel

danimolinasantos@gmail.com

[Sign Out](#)

Enrolled Courses

No enrolled courses yet.

Registered Seminars

No registered seminars yet.

Completed Tutorials



New Tut

Created Tutorial 1

Saved Podcasts

No saved podcasts yet.



Marketing Video

New Tut

Description

DURATION
30 Min

Published 2/1/2026

Overview

Description

Watch the Tutorial



Resources

No downloadable resources have been added yet.

Completed

Implemented detailed view for tutorials and integrates user progress tracking (bookmarks and completion status) in the profile page.

Nafizur Rahman

Added the seminar details page

Link:

<https://github.com/aroby1/CS46X-UniFreelancer/commit/c3aec2e0aa7e9f01bd9595fa07294729038e755d>

The screenshot displays a seminar details page with the following sections:

- Live Session:** Shows a placeholder for a live video session with the text "Zoom Integration Coming Soon" and a note: "Live video sessions will be available directly on this page."
- About This Event:** Displays the name "asdf".
- Speaker:** Shows a placeholder icon and the name "asdf".
- Schedule:** Shows two buttons: "DATE Date TBD" and "TIME Time TBD".

A red button at the bottom center is labeled "Register for Event".

- Did the requirements update

Risk and Quality Tracking

Bug Count: 2

Top Bugs:

Zoom API video encoding has worked with audio, but the video is not properly implemented yet

- **Severity:** Low
- **Owners:** Aidan Caughey & Daniel Molina
- **Current Status:** Working on it
- **Link:** <https://github.com/aroby1/CS46X-UniFreelancer/issues/47>
- **Action:** Continue to implement the Zoom Web SDK and properly encode the video into the website.

Zoom API won't work unless you're the owner of the Zoom App account

- **Severity:** High
- **Owners:** Aidan Caughey & Daniel Molina
- **Current Status:** Working on it
- **Link:** <https://github.com/aroby1/CS46X-UniFreelancer/issues/48>
- **Action:** We believe this to be only an issue with local testing, so once we change the app from local to online, it should function as normal. We need to finish implementing Zoom first though.

Next Sprint Plan

In our next sprint we plan to finish embedding the zoom encoding, and plan to implement it into our seminar details page. We also will finish our youtube embedding and add that to courses and tutorials. Additionally, we want to continue to test our software by adding more example courses, and try out example seminars and tutorials. Waiting for our project partner to get back to us before implementing these.

Team Process Reflection

This sprint went fairly smooth, with us finally getting into the swing of things. We finished two important components of our website which will be used by all the users, and we believe we'll be able to finish in-time. We always strive to be better, so next sprint we hope to continue to communicate at a high level, ensuring that everything is done correctly and with little to no confusion.