

Team 37 - UniFreelancer Academy

CS Capstone - Progress Report: Sprint 6

Date: 01/15/26

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

Project Partner: Alina Padilla-Miller - UniFreelancer

Summary

- Continued stabilization and maintenance of the CI pipeline, ensuring builds and automated checks remain functional and reliable.
- Significant progress on core platform features, including completion of course pages and UI improvements to the Course Details page.
- Stripe payment integration is partially completed, to be finished next sprint
- Zoom API webinar integration was started but blocked by a slow sprint start and technical scope; work is deferred to the next sprint.
- Key insight: parallel feature development progressed well, but large integrations (Zoom, Stripe) require earlier kickoff and clearer milestone breakdowns.

Sprint Work Log

Aidan Caughey

Title: Continued Maintenance of CI Pipeline

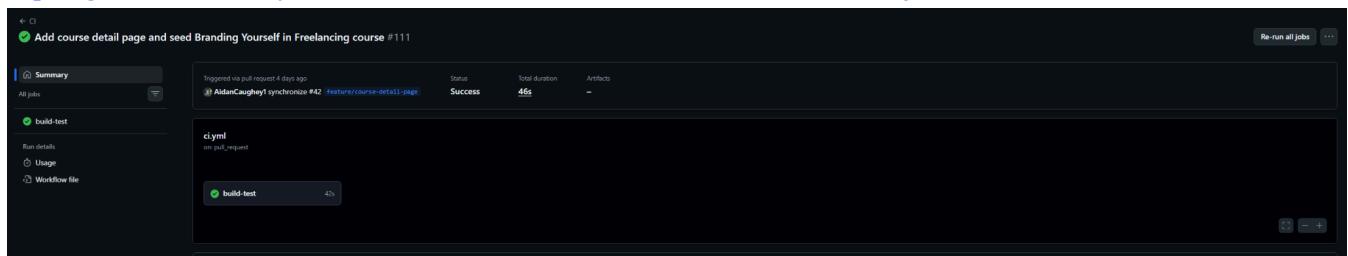
Status: Continued

Owner: Aidan Caughey

Source Link: <https://github.com/aroby1/CS46X-UniFreelancer/pull/42>

CI Build Status:

<https://github.com/aroby1/CS46X-UniFreelancer/actions/runs/21018062094/job/60427076960>



Title: Implementation of Zoom API into our backend

Status: Not Done

Owner: Aidan Caughey

Moving into the next sprint because this sprint got off to a slow start. Plan on fully implementing the video encoding for our webinars next sprint. We want to be able to host our webinars via Zoom on our website, so you don't have to go to a Zoom meeting instead.

Aiden McCoy

Title: Implementation of Stripe into Courses

Status: Partial, 80%

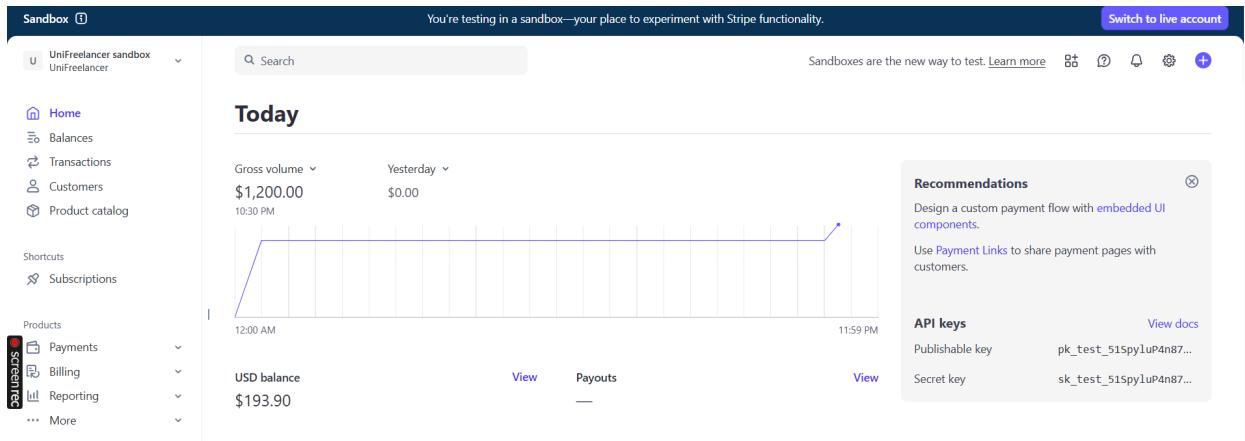
Aiden McCoy

Reviewers: Haven't yet pushed to git

Source Link: <https://github.com/aroby1/CS46X-UniFreelancer/issues/43>

The screenshot shows a course page titled "Multiple Modules". A specific module is highlighted with a red box labeled "MODULE 2". Below it, there is a "Module 2 descriptio" (description). At the bottom of the page, there is a payment interface from "link". It shows a VISA card with the number "4242" and a "Complete Payment" button. To the right of the payment button is a "stripe >" link.

The screenshot shows a "Payment Successful!" confirmation page. It features a large green checkmark icon at the top. Below it, the text "Payment Successful! 🎉" is displayed. A message below states: "Thank you for your purchase. You now have full access to your course." A "Payment ID" field contains the identifier "p1_3sqLVNP4n87m1dAy1...". Two blue buttons are present: "Go to My Courses" and "Browse More Courses". At the bottom, a note says: "A confirmation email has been sent to your email address. You can start learning right away!"



Daniel Molina

Title: Styling update of Course Details Page

Status: Done

Reviewers:

Source Link: <https://github.com/aroby1/CS46X-UniFreelancer/pull/44>

The screenshot shows a course details page. At the top, there's a section titled "What You'll Learn" with six bullet points, each preceded by a green checkmark. Below this, there's a section titled "Course Modules" with two visible modules. Each module has a title, a duration of "2 weeks", a brief description, and a plus sign icon to expand it. The first module is "MODULE 1 Brand Identity and Social Currency" and the second is "MODULE 2 Catching Attention with Triggers and Emotion for Freelancers".

- ✓ Define and apply the concept of social currency to make your brand and content more shareable
- ✓ Create content that delivers practical value and positions you as a trusted expert
- ✓ Develop a clear and compelling brand identity that aligns with your values and audience needs
- ✓ Master storytelling techniques to communicate your unique value and attract clients
- ✓ Use psychological triggers and emotional appeal to make your brand memorable
- ✓ Build a personalized branding toolkit with a content strategy and practical examples

Module	Title	Duration	Description	Action
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...	+
MODULE 2	Catching Attention with Triggers and Emotion for Freelancers	2 weeks	As a freelancer, standing out in a crowded digital marketplace requires more than showcasing your sk...	+

Course Modules

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

Video Content Article Content Available

Nafizur Rahman

Title: Implementation of Course Pages

Status: Complete

Source Link: <https://github.com/aroby1/CS46X-UniFreelancer/pull/42>

Baron Baker

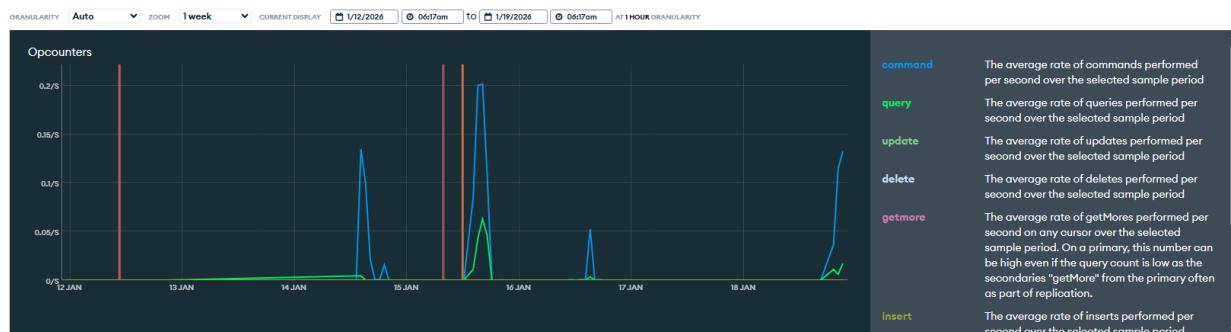
Title: Upkeep of Online Database

Status: Continued

Made routine checks over winter break and this week that the online database is still connecting to the backend of our web application and providing accurate information.

Metrics

ac-bslvsdz-shard-00-01.ydfchii.mongodb.net:27017



```

_id: ObjectId('69630072203bbeaa19f770a3')
title: "Branding Yourself in Freelancing"
description: "In today's competitive freelance market, your brand is your most power..."
duration: "8 weeks"
estimatedMinutes: 2880
difficulty: "Beginner"
category: "Marketing"
thumbnail: ""
isLiteVersion: false
instructor: Object
pricing: Object
subscription: Object
learningPoints: Array (6)
modules: Array (4)
  0: Object
    title: "Brand Identity and Social Currency"
    description: "This module focuses on building a strong brand identity and leveraging..."
    videoUrl: "https://youtu.be/4eIDBV4Mpek"
    articleContent: "## Learning Materials
      ### Readings:
      - Berger, J. (2013). *Contagious:...*
    pdfUrl: ""
    hasQuiz: false
    quizData: null
  learningPoints: Array (5)
  duration: "2 weeks"
  estimatedMinutes: 720
  thumbnail: ""

```

Title: Implementation of video encoding through YouTube

Status: Not Done

This first sprint got off to a slower start than I would've liked, but I plan on fully implementing the embedded videos in our webinars and course modules during our next sprint, so users are not redirected from our page to YouTube.

Risk and Quality Tracking

Next Sprint Plan

Aidan Caughey

- Implement Zoom API for Seminar video encoding live on website
- Continue to maintain CI pipeline and additional tests

Aiden McCoy

- Finish working on the Stripe implementation

Baron Baker

- Implement YouTube video encoding for webinars.

Daniel Molina

- Meet with Serdar to discuss user authentication and the integration of the two user bases.
- Begin implementing user authentication.

Nafizur Rahman

Finish individual seminar and tutorial pages.

Team Process Reflection

This sprint got off to a slow start, but we're now back on track with our components. We're in the process of assigning tasks to everyone. To make this easier, we plan on creating a more structured calendar, featuring more prominent deadlines / checkpoints. This will ensure everyone collaborates and is timely with their work. We want to make sure to balance the workload as everyone is already very busy. We're applying this mindset to the next sprint and hopefully we'll see improvements.