



ProfAI

Web App for AI-Generated Professional Instructor Content

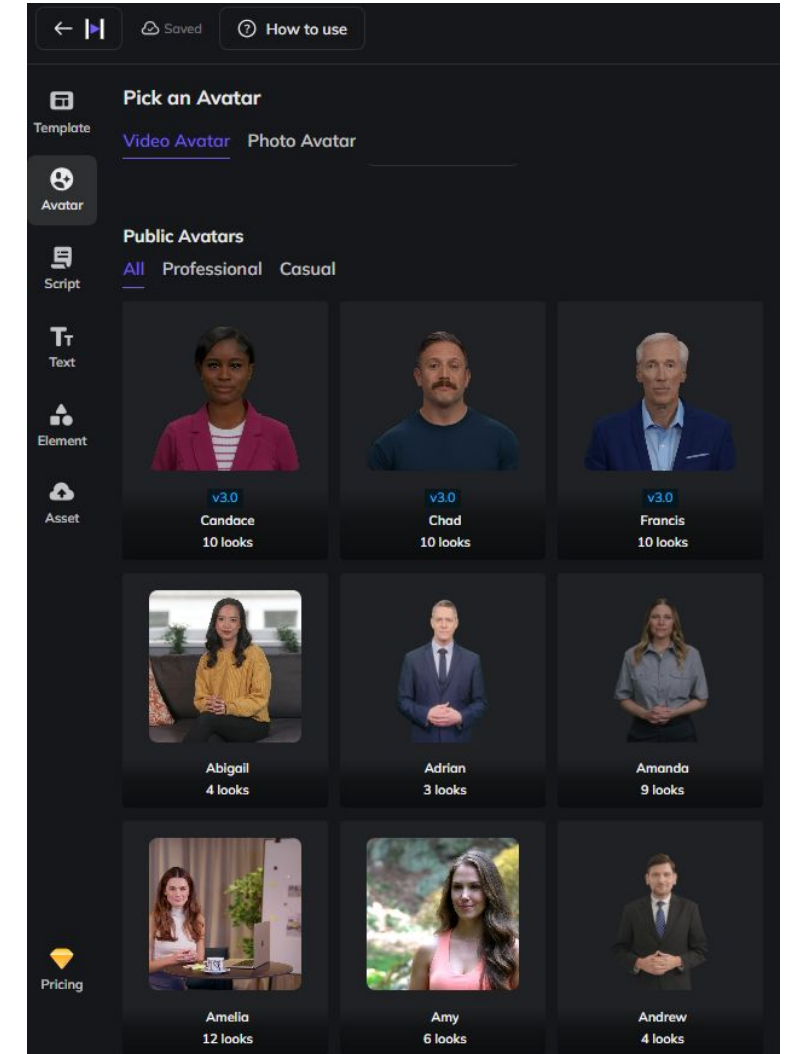
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CIS 641



Motivation and Overview

- **Web App** that takes a lifelike avatar of a professor and a content prompt, and generates a personalized 2-5 minute video describing content with a set of slides in the background.
- **Avatars** created from HeyGen
- **Faculty:** An accessible tool that is fast and easy to use
- **Students:** Accessibility and active engagement
- React and Django, SQLite
- GVSU IT Innovation and Research funded



HeyGen's Avatar page



Steps for Faculty

1. Create an account, then generate an avatar and API key from HeyGen
2. Go to ProfAI, create an account, and connect your API key to import avatar.
3. Pick a topic for your lecture video, and approve the generated script
4. Let ProfAI create the video, and export



Timeline & Tasks

Log Out Functionality

- October 26th

API integrations

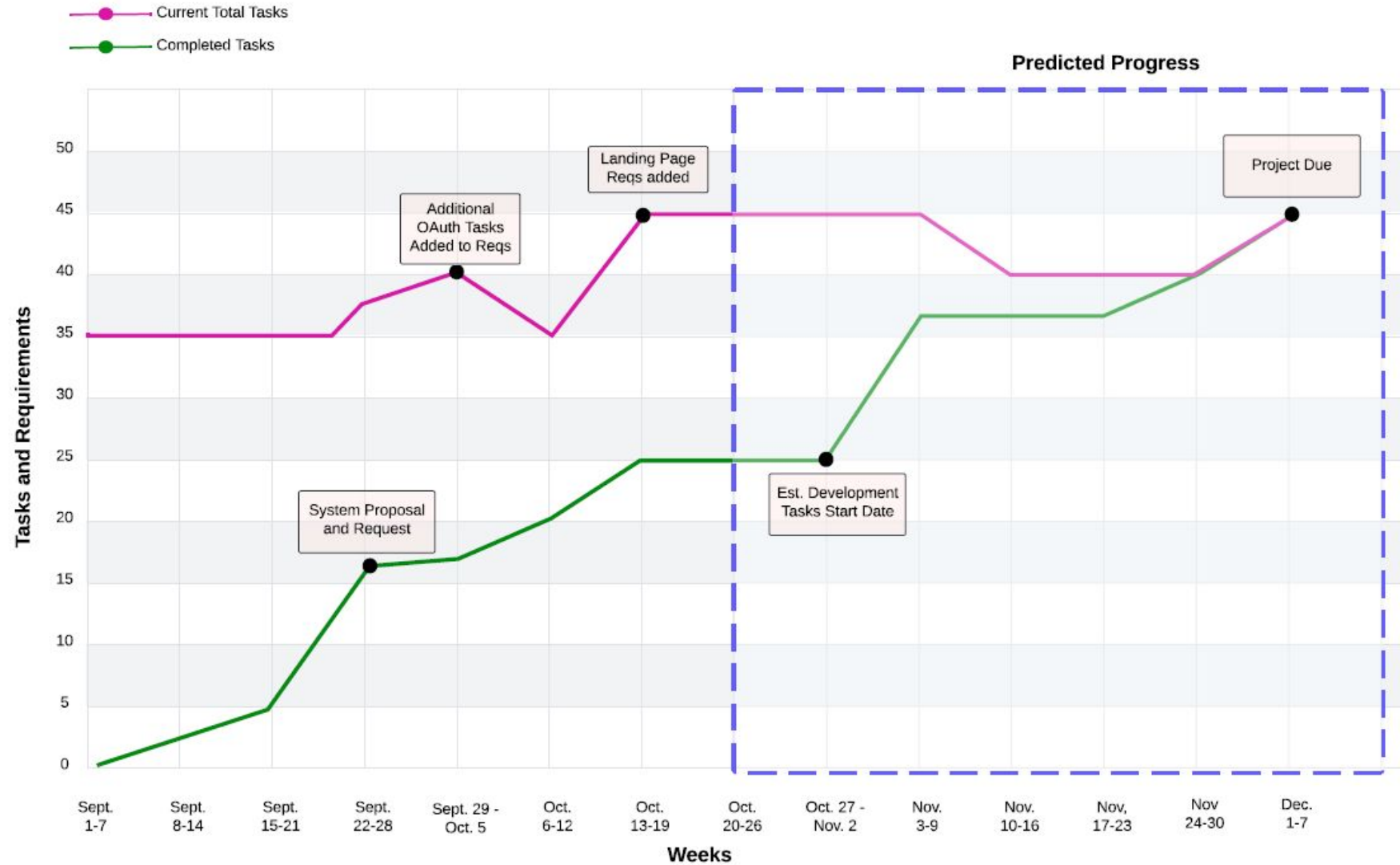
- November 16th

Cosmetic Changes

- November 29th

Course Deliverables

- December 7th





Demo

The screenshot shows a web browser window displaying the ProfAI website. The browser's address bar shows the URL `localhost:5173/#contact`. The website has a dark green background with a subtle pattern of vertical lines and dots. The navigation bar at the top includes links for [Home](#), [Features](#), [Pricing](#), [Testimonials](#), and [Contact](#), along with [Login](#) and [Sign Up](#) buttons. The main heading reads **Make AI Instructor Videos From Prompt**. Below this, a subheading states: "ProfAI's video editor generates script, visuals, music transitions, captions, automatically in minutes. No video editing skills required." At the bottom of the main section are two buttons: [TRY IT FOR FREE](#) and [PRODUCT DEMO](#). The website logo is visible in the top left corner of the page.



Demo

CORPORATE GOVERNANCE

CORPORATE GOVERNANCE: MECHANISMS



NOTE: ARTIFICIAL INTELLIGENCE (AI) WAS USED IN THE PRODUCTION
OF THIS COURSE. ALL FINAL EDITS ARE HUMAN APPROVED.