ProfAI

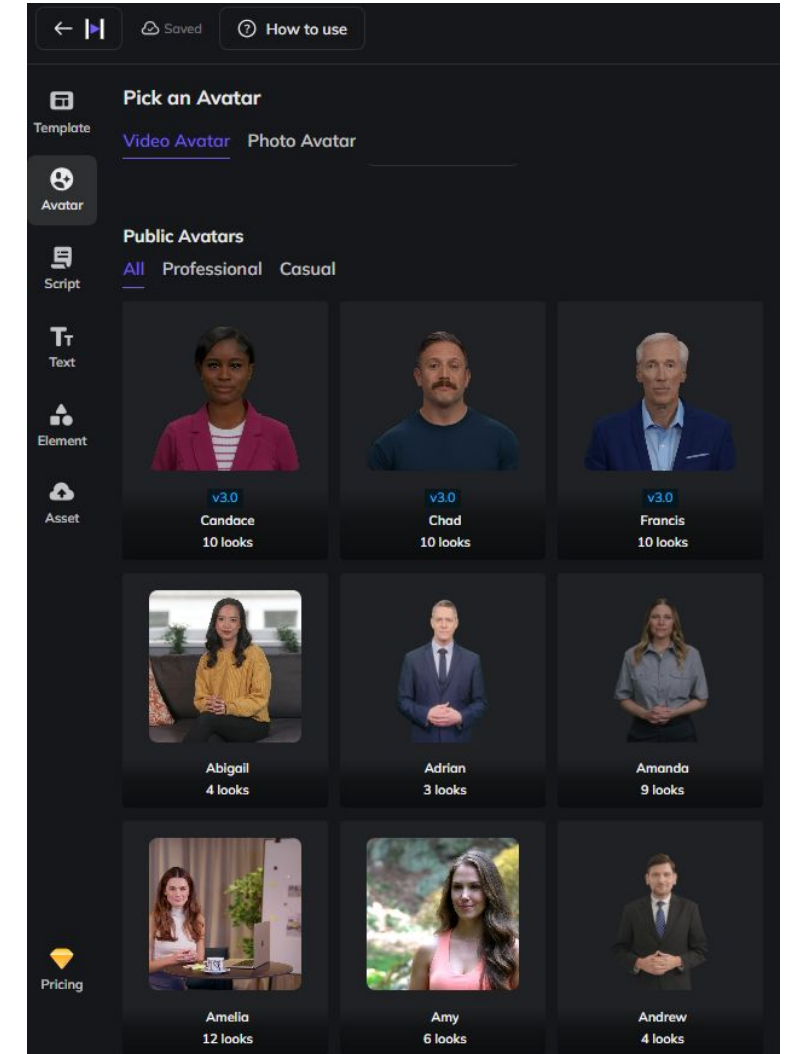*Web App for AI-Generated Professional Instructor Content*

L Dettling

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
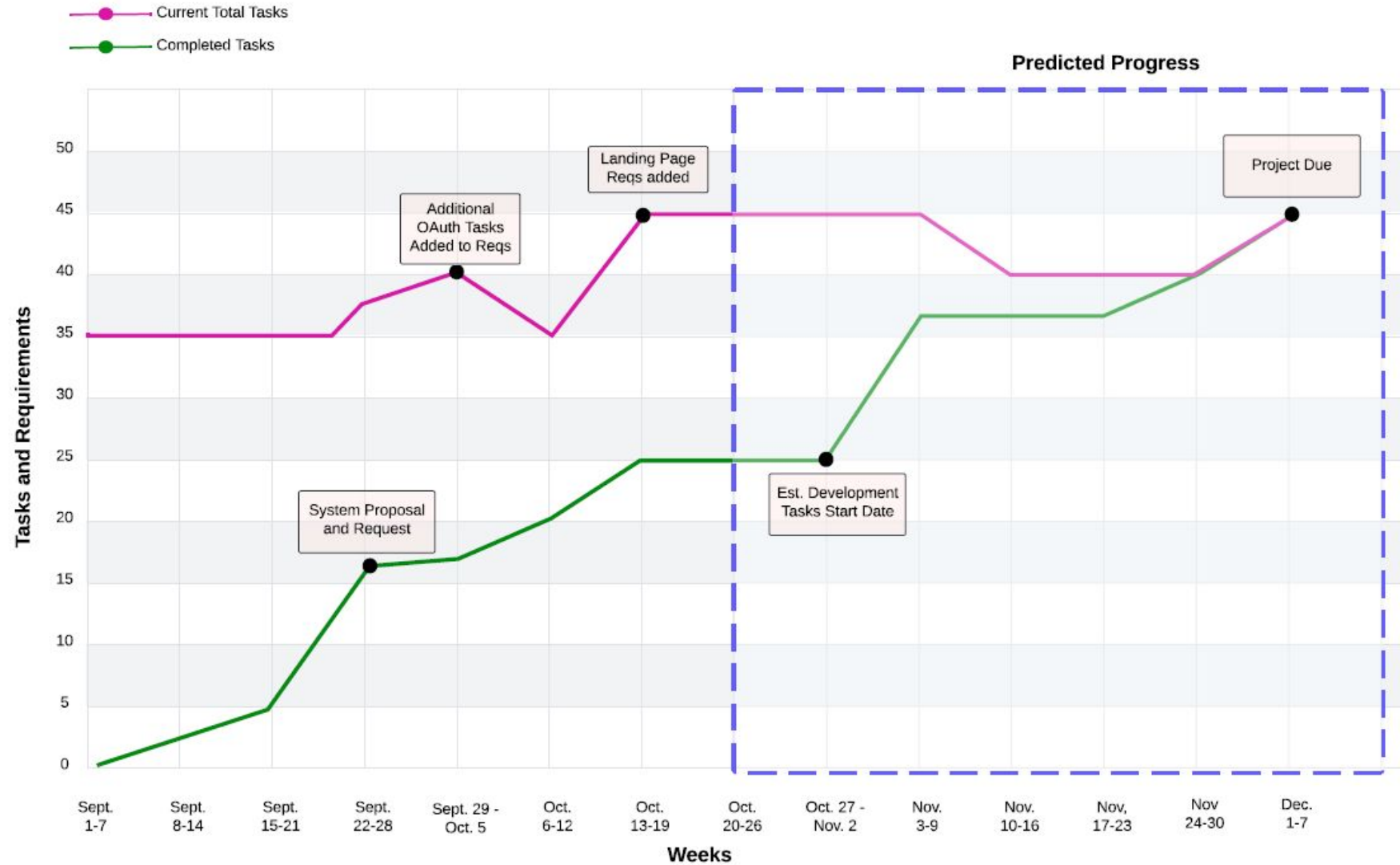- October 26th

API integrations
- November 16th

Cosmetic Changes
- November 29th

Course Deliverables
- December 7th

Demo

Demo