

**Name of Project:**

Digital Coach

**Description:**

Digital Coach is software that aims to provide real-time feedback to video-recorded interview questions to potential candidates in the job market with feedback driven from AI models surrounding audio, context, and visual cues seen by recruiters and companies.

The software that we are developing allows job candidates to better prepare for and understand how to exhibit the traits desired for a job position, and how to improve their interviewing skills to match those traits.

We are developing Digital Coach as a web application accessible from a browser, mimicking the “Hirevue” style interviews that have been prevalent during virtual interviewing during the COVID-19 pandemic. The application is being developed mostly in Javascript, with Python driving the machine learning models on the backend.

**Team Members:**

Susmitha Shailesh

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**Project Leaders:**

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## **Delegation of Tasks:**

### **Susmitha Shailesh**

#### **Tasks Assigned for Past Week**

- Figma for videoing recording UX flow
- Pair with Ming to build Seed data with image assets
- Pair with Max develop past interview page

#### **Tasks Completed for Past Week**

- Figma for videoing recording UX flow
- Pair with Ming to build Seed data with image assets

#### **Tasks Assigned for Next Week**

- Review design of past interviews page
- Pair with Max to build out past interview page

### **Michael McCreesh**

#### **Tasks Assigned for Past Week**

- Complete responsive navbar

#### **Tasks Completed for Past Week**

- Complete responsive navbar

#### **Tasks Assigned for Next Week**

- Implement error/auth states for login pages

### **Hamzah Nizami**

#### **Tasks Assigned for Past Week**

- Verify results from the audio model
- Verify results from the context analysis model
- Integrate all ML models and deploy to endpoint
- Pair with Ming to set up data models with ML endpoints

#### **Tasks Completed for Past Week**

- Verify results from the audio model
- Verify results from the context analysis model
- Integrate all ML models and deploy to endpoint

#### **Tasks Assigned for Next Week**

- Pair with Ming to set up data models with ML endpoints
- Begin to work with frontend team to connect ML endpoints

## **Max Shi**

### **Tasks Assigned for Past Week**

- Review design of past interview page
- Pair with Ming to implement video recording feature
- Pair with Aparajita to connect dashboard to the backend
- Pair with Suzy to develop past interviews page
- Pair with Mike to implement error and loading state for auth flows

### **Tasks Completed for Past Week**

- Review design of past interview page
- Pair with Ming to implement video recording feature
- Pair with Aparajita to connect dashboard to the backend

### **Tasks Assigned for Next Week**

- Pair with Suzy to develop past interviews page
- Pair with Mike to implement error and loading state for auth flows

## **Aparajita Rana**

### **Tasks Assigned for Past Week**

- Complete responsive navbar
- Pair with Max to connect dashboard to the backend

### **Tasks Completed for Past Week**

- Complete responsive navbar
- Pair with Max to connect dashboard to the backend

### **Tasks Assigned for Next Week**

- Continue to pair with team members to develop web app

## **Ming Lin**

### **Tasks Assigned for Past Week**

- Review design of past interview page
- Pair with Suzy to build seed data with image assets
- Pair with Max to implement video recording feature

### **Tasks Completed for Past Week**

- Review design of past interview page
- Pair with Suzy to build seed data with image assets
- Pair with Max to implement video recording feature

## Tasks Assigned for Next Week

- Work with Hamzah to connect frontend to ML api

## Completion Schedule:

Key: **Green** - completed, **Yellow** - in progress, **Red** - blocked, **Unhighlighted** - not begun  
Spring 2022

<b>KPI 1</b>	<b>Create Design Plan and Implement</b>	
Task	Design website interactions (bare bone figma)	1/27/2022 2
Task	Determine visual design elements (color scheme, logo, etc.)	1/27/2022 2
Task	Combine website interactions with visual design characteristics	3/31/2022 2
<b>KPI 2</b>	<b>Develop frontend</b>	
Task	Stand up application ( React, Next(?) )	1/27/2022 2
Task	Implement Frontend architecture	1/27/2022 2
Task	Implement UI kit and styling ( SCSS, Tailwind, MUI (?) )	1/27/2022 2
Milestone	Implement component library	1/27/2022 2
Task	Implement views	1/27/2022 2
Task	Implement Unit testing framework (Jest, enzyme)	1/27/2022 2
Milestone	Set up CI	1/27/2022 2
Task	Implement state management ( React Query (?) )	1/27/2022 2
Task	Implement authentication feature	2/3/2022
Task	Implement user profile feature	2/10/2022 2
Task	Implement video recording feature	3/3/2022
Task	Implement feedback/data analytics feature	3/20/2022

		2
Task	Fit and finish	3/31/2022 2
<b>KPI 1</b>	<b>Develop Backend</b>	
Task	Develop architecture agreement between frontend and backend (MVC)	1/27/2022 2
Task	Create API endpoint list and basic documentation	1/27/2022 2
Task	Deploy Storage buckets	1/27/2022 2
Task	Deploy database and schemas	1/27/2022 2
Task	Implement unit testing (jest)	1/27/2022 2
Task	Set up CI	1/27/2022 2
Task	Implement authentication feature	2/3/2022
Task	Implement user profile feature	2/10/2022 2
Task	Implement video recording feature	3/3/2022
Task	Implement feedback/data analytics feature	3/20/2022 2
Task	Fit and Finish	3/31/2022 2
<b>KPI 1</b>	<b>Deploy the ML models</b>	
Task	Verify results from the NLP model	1/27/2022 2
Task	Verify results from the CV model	2/1/2022
Task	Verify results from the audio model	2/1/2022
Task	Verify results from the context analysis model	2/8/2022
Milestone	Integrate all ML models together and establish means of	2/15/2022

	communication	2
Task	Determine deployment method	2/15/2022
Milestone	Deploy ML models	2
<b>KPI 1</b>	Consistently communicate with advisory board	
Task	Draft message that communicates all important information from the past two weeks concisely	Biweekly
Milestone	Send biweekly emails about progress made	Biweekly
Milestone	Accept feedback on biweekly progress	Biweekly
<b>KPI 2</b>	Demonstrate product prototype to advisory board	
Task	Set up meeting to show Advisory Board the Prototype	3/24/2022
Milestone	Provide each member with product prototype and allow them to test it out	3/24/2022
Task	Iterate on project based on Advisory Board feedback	3/31/2022
<b>KPI 1</b>	Deliver pitch at Innovation Expo	
Task	Identify and articulate most important aspects of project to communicate (development process, business process, demonstrate MVP, etc)	3/27/2022
Task	Design poster with all relevant information	3/31/2022
Milestone	Practice presenting pitch to clients and advisors	4/1/2022