

# AI Use Disclosure

Why this survey? This disclosure form aims to *help us understand and reduce any potential risks* related to the use of AI tools in this course.

Please complete the survey **by yourself** and be **truthful**. *Using AI tools will not negatively affect your marks for the assignment/lab/etc.*

What do we mean by AI tools in this survey?

AI content generators refer to any tools that create any type of content, including (but not limited to):

- ChatGPT and all other large-scale language models;
- Stable Diffusion and other AI-based Image Generators;
- Code extensions for IDEs;
- Other tools that are capable of generating text, image, codes, or any other content for the course work. BUT, Grammarly and other grammar checkers are NOT included.

For more information on our policy, please refer to: <https://parsa-rajabi.github.io/cmpt-276/#/ai-policy>.

\* Required

1. First Name \*

Jin

2. Last Name \*

Song

3. SFU Student ID \*

301470175

4. Which assignment/lab/project submission is this AI use disclosure for? \*

Project Milestone #2



5. How do you feel about using AI content generators in relation to your personal standards of academic integrity for this submission? \*

	Completely Acceptable	Somewhat Acceptable	Neutral	Somewhat Unacceptab le	Completely Unacceptab le
In my personal standard of academic integrity, using AI content generators for this submission is...	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. Please explain your rating above regarding academic integrity of AI use for this submission. Why? (Write in 2-3 sentences) \*

For this milestone, there was a lot of work involved. We had to write documentation in the form of the report as well as a lot of code. In the workplace, we will be expected to use all the resources at our disposal, so I believe that it's morally and ethically acceptable to use AI for these purposes

7. How did using AI content generators impact **your learning** for this submission?

\*

	Greatly benefited my learning	Somewhat benefited my learning	Had no impact on my learning	Somewhat hindered my learning	Greatly hindered my learning	I did not use AI for this submission
Using AI content generators for this submission...	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8. Please explain your rating above about AI's impact on your learning for this submission. (Write in 2-3 sentences, input N/A if you have not used any) \*

There were a lot of new things in terms of coding that I didn't know how to do. It is my first time implementing a project of this scope, so ChatGPT was really helpful for learning how to set up. It was especially helpful for debugging, as I just directly pasted in my error messages/log and had it help me analyze it. Error logs are often very long and confusing to read on my own, and ChatGPT really

9. For this submission, how would you rate the relative contribution made by your versus AI? \*

	Entirely by myself, no contribution from AI	Mostly by myself, some contribution by AI	Evenly split between myself and AI	Mostly by AI, some contribution by myself	Entirely by AI, no contribution from myself	Fair
This submission is...	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. List all the **AI tools** AND the **specific prompts** you used for this submission (input N/A if you have not used any) \*

ChatGPT with the following prompts: (There are lots more, let me know if more info needed)

why vercel and local styling dont match

benefits of jest (our project is coded in next.js and integrates openai api)

```
import { render, screen } from '@testing-library/react'
import '@testing-library/jest-dom'
import QuizSection from '../src/app/components/Quiz/QuizSection';

describe('QuizSection', () => {
  const mockProblems = [
    {
      question: 'What is 2 + 2?',
      questionType: 'text',
      choices: []
    },
    {
      question: 'What is the capital of France?',
      questionType: 'multipleChoice',
      choices: ['Paris', 'London', 'Berlin']
    }
  ];
  const mockAnswers = ['', ''];

  it('renders questions based on problems prop', () => {
    render(<QuizSection problems={mockProblems} userAnswers={mockAnswers}
    handleAnswerChange={() => {}} />);

    const firstQuestion = screen.getByText('Q1. What is 2 + 2?');
    const secondQuestion = screen.getByText('Q2. What is the capital of France?');

    expect(firstQuestion).toBeInTheDocument();
    expect(secondQuestion).toBeInTheDocument();
  });

  it('renders correct input type for each question', () => {
    render(<QuizSection problems={mockProblems} userAnswers={mockAnswers}
    handleAnswerChange={() => {}} />);
    const radioInputs = screen.getAllByRole('radio');
    expect(radioInputs.length).toBe(3); // 3 choices for the second question
  });
});
```

pls explain these unit tests written with jest testing framework

i want to build a next.js project

jasperdonut@Jaspers-MBP-3 probloom % npm run dev

```
> probloom@0.1.0 dev /Users/jasperdonut/Desktop/cmpt 276/Practice-Problem-Generator/probloom
> next dev
```

```
/Users/jasperdonut/Desktop/cmpt 276/Practice-Problem-Generator/probloom/node_modules/next/dist/bin/next:57
performance.mark("next-start");
^
```

ReferenceError: performance is not defined

```
at Object.<anonymous> (/Users/jasperdonut/Desktop/cmpt 276/Practice-Problem-Generator/probloom/node_modules/next/dist/bin/next:57:1)
at Module._compile (internal/modules/cjs/loader.js:1085:14)
at Object.Module._extensions..js (internal/modules/cjs/loader.js:1114:10)
at Module.load (internal/modules/cjs/loader.js:950:32)
at Function.Module._load (internal/modules/cjs/loader.js:790:14)
at Function.executeUserEntryPoint [as runMain]
(internal/modules/run_main.js:76:12)
```

```
at internal/main/run_main_module.js:17:47
```

npm ERR! code ELIFECYCLE

npm ERR! errno 1

npm ERR! probloom@0.1.0 dev: `next dev`

npm ERR! Exit status 1

npm ERR!

npm ERR! Failed at the probloom@0.1.0 dev script.

npm ERR! This is probably not a problem with npm. There is likely additional logging output above.

npm ERR! A complete log of this run can be found in:

npm ERR! /Users/jasperdonut/.npm/\_logs/2023-11-12T23\_41\_01\_817Z-debug.log

how to upate node.js

whats main.yml

pls write my page.tsx

```
import Image from 'next/image'
import styles from './page.module.css'
```

```
export default function Home() {
  console.log("est")
  call openai api, input is a topic and im going append that to another string which
  is something like "generate questions" to use as a prompt that generates
  questions. the target audience is students. i want to print the ouput into the
```

```
console
  return (
    <></>
  )
}
```

pls try to use my existing code and just fix it, it's a test :

```
import Image from 'next/image';
import styles from './page.module.css';
import OpenAI from 'openai';
import { useEffect } from 'react';

const openai = new OpenAI({
  apiKey: "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"
});

export default function Home() {
  // This useEffect will run once when the component is mounted
  useEffect(() => {
    console.log("test123");

    // Define the topic
    const topic = "CI/CD";

    // Append the topic to the prompt
    const prompt = `generate questions about ${topic}`;
```

11. How confident were you in AI's responses that you received? \*

- ☐ Confident
- ☒ Somewhat confident
- ☐ Neutral
- ☐ Somewhat not confident
- ☐ Not confident
- ☐ I did not use AI for this submission

12. How did you ensure the answer you received from the AI tool was correct? (input N/A if you have not used any) \*

I started off being very confident in ChatGPT's answers when using it to help me code. If the code ran successfully, clearly it meant that the answer was right. If it crashed, I turned to stackoverflow, google, etc. I also used my common sense/logic.

13. Did you at any point abandon using AI tools and seek other resources? Explain your answer. \*

What made you abandon using the AI tool? Were you more successful using other resources? Input N/A if you have not used any

I got this really annoying babel config error when trying to set up the test frameworks. I tried using ChatGPT at first, but after several unproductive and unsuccessful attempts with its solutions, I turned to google. The issue wasn't resolved through google either, I realized I literally just opened the wrong folder (so I came up with the solution with my brain). Another issue arose with hosting with vercel; its API server seems to be not the best as it kept timing out. I tried resolving the issue by asking ChatGPT, but its answers didn't help. I ended up just reading some documentation off google. I also tried using ChatGPT to generate

14. For each of the following items, how would you rate the relative contribution made by you versus AI? \*

	Entirely by myself, no contribution from AI	Mostly by myself, some contribution by AI	Evenly split between myself and AI	Mostly by AI, some contribution by myself	Entirely by AI, no contribution from myself	Not applicable
<b>Writing - Proofreading:</b> To revise written work for grammar, typos, style, and other related items	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Writing - Text Completion:</b> To complete sentences, paragraphs or even entire documents	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Writing - Text Ideation:</b> To generate new ideas, concepts; and examples for writing submissions	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Text analysis:</b> To make sense of text and generate insight as to what it means	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Summary:</b> To quickly understand	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



	Entirely by myself, no contribution from AI	Mostly by myself, some contribution by AI	Evenly split between myself and AI	Mostly by AI, some contribution by myself	Entirely by AI, no contribution from myself	Not applicable
large amount of text by extracting important information						
<b>Q&amp;A + Research:</b> To get answers from questions and find relevant information	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Illustration /Sketching:</b> To create visual representations of concepts and ideas such as diagrams, charts, illustrations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
<b>Coding - Write:</b> To generate code by AI for software implementation	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Coding - Test:</b> To generate <u>code tests</u> by AI for software	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Entirely by myself, no contribution from AI	Mostly by myself, some contribution by AI	Evenly split between myself and AI	Mostly by AI, some contribution by myself	Entirely by AI, no contribution from myself	Not applicable
implementation						
<b>Coding - debug:</b> To identify issues with existing code for software implementation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Coding - explanation:</b> To understand what a code snippet does for software implementation	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Other:</b> to help any other aspects of the submission not listed above	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

15. Please explain your ratings above, especially if you have AI tools for "other" types of work. \*

I used AI the most during the debugging phase, where I would copy paste the error message directly. This was really time-efficient as it allowed me to code with much less roadblocks than if I hadn't used AI. Though it wasn't some magic tool that solved all my problems, it greatly helped with actually understanding what was going on - in the past, sometimes I would resolve bugs without really knowing what was going on, but thanks to ChatGPT's analyses, this time I could actually learn what was happening. ChatGPT also helped with generating "boiler plate" code for me to reference as I coded, as this is my first time doing such a large project and there were a lot of implementation details I just didn't know, starting off. In terms of research, I read the official docs of our technologies first

16. Please leave any further comments above use of AI tools for this submission / CMPT 276

Overall, having used ChatGPT extensively for help, I find that it's really good with small and well-defined tasks. I don't think it has the ability to create a project of this scope on its own, but as an assistant it helped tremendously. I don't think I could've finished the project under these time constraints, to the extend that I did, without ChatGPT. It makes mistakes often, but it's still much better than scrolling through pages and pages of confusing stackoverflow comments.

You can print a copy of your answer after you submit

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