CTIS 255
Midterm #1 (120 Mins)

Question:

Implement the following web page using *external style*. You can find some **hints** about the CSS properties in the next page. **For missing properties, you need to use your own judgement especially for spacing (margins, padding and size).** You can, of course, use your own method/properties as you like. This page is responsive, and in mobile version, you need to change several CSS properties (given in the grading part). **You can see screenshots of desktop (***desktop.png***) and mobile (***mobile.png***) version, and in order to see the interactivity, watch the given video file (***watch.mp4***).** You will set approximate margins and paddings. The page should look like the given screenshots but it does not have to be exactly the same. You are not allowed to use any HTML tables at all.

Grading:

(90Pts) Desktop Version (see *desktop.png*)

- (**30Pts**) Sidebar (ASIDE) section
    - (**5Pts**) Layout (size and background)
    - (**5Pts**) "New Chat" button.
    - (**5Pts**) H3 headings "Today" and "Yesterday"
    - (**10Pts**) List items under headings using "msg.svg" and text, and hover.
    - (**5Pts**) Spacing like margins and padding.
- (**60Pts**) Right Panel
    - (**10Pts**) General Layout
    - (**20Pts**) Version Panel
        - (**5Pts**) GPT-3.5
        - (**5Pts**) GPT-4
        - (**10Pts**) GPT3-5:hover panel, "Our fastest model…."
    - (**5Pts**) ChatGPT Text
    - (**25Pts**) Bottom Panel
        - (**10Pts**) Tips like "Give me ideas" and "Recommend activites", and hover
        - (**5Pts**) Textbox "Send a message or hold space bar to talk"
        - (**5Pts**) Microphone image ("mic.svg") on top of Textbox.
        - (**5Pts**) Warning message as "ChatGPT can make mistakes…."

(10Pts) Mobile Version (see *mobile.png*) - @media (max-width: 768px)

- (**5Pts**) Remove sidebar.
- (**5Pts**) Show tips ("**Give me ideas**" and "**Recommend Activities**") in stack order instead of side-by-side.

BODY: "Arial" font, font-size: 14px

MAIN: height: 100vh

ASIDE: background: #EEE, font-size: 0.9em, width: 260px

SECTION: flex-grow:1, flex-direction: column, align-items: center

DIV: plus.svg and a span (New Chat)

DIV: width: 300px, bg: #EEE

DIV:
initially: opacity:0, visibility: hidden
hover: opacity:1, visible smooth transition

width:260px

rest of the viewport

+ New Chat

Today

H3: not bold, #999

⚡ GPT-3.5   ✦ GPT-4 🔒

What is ETF?

Promises in Javascipt

Out fastest model, great for most everyday tasks.
Available to Free and Plus users

Yesterday

width:300px

How to study CSS?

What do you think about ... ?

Quicksort algorithm in C

How to improve my self-discipline

ChatGPT

DIV: color: #CCC, font-size: 36px, bold

DIV: contains **h4** and a **span**

LI: composed of an **img** (*msg.svg*) and a **span**, line height: 3em

width: 90%, max-width:800px

Give me ideas
for what to do with my kids' art

Recommend activities
for a team-building day

Send a message or hold space bar to talk 🎤

ChatGPT can make mistakes. Consider checking important information.

INPUT: font-size:1.2em,
box-shadow: 0 0 15px rgba(0 0 0 / 0.1)
flex-grow: 1

IMG: mic.svg, <u>absolute position</u>

DIV: centered, font-size:12px