

Long Project Presentation

Presented by Mohamad
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Team 5
MultilingualChatbot



my contribution

- Built the project website frontend (timeline + team roadmap)
- Developed backend logic for "Quick Settings" to improve chatbot and optimize user experience

Key links

- GitHub:
<https://github.com/B5LZ/mohamad-s-repository>
- Project Site:
<https://www.cs.umb.edu/~hdeblois/cs410/longproj02/t5/index.html>
- ChatbotDemo:
https://www.cs.umb.edu/~hdeblois/cs410/longproj02/t5/Web_Mindfulness_Chatbot/
- LanguageSelection:
<https://www.cs.umb.edu/~hdeblois/cs410/longproj02/t5/langselect/>
- Login:
<https://www.cs.umb.edu/~hdeblois/cs410/longproj02/t5/signin/>
- My code for the website:
https://github.com/B5LZ/mohamad-s-repository/blob/main/website_index.html



Depth:

Frontend Development (HTML/UI), went from zero to functional websites

Backend Development, this was my first time building logic and im still integrating

LLMs & Prompt Engineering learning how to control outputs effectively

Breadth:

GitHub basics (still improving, but operational)

Problem solving & troubleshooting

Debugging via research (Google, docs, forums)



nnnn.txt

```
cd /home/sab7/cs410
```

```
cat 6582.txt
```

research
paper

```
https://www.cs.umb.edu/  
~sab7/6582.pdf
```



Future Steps:

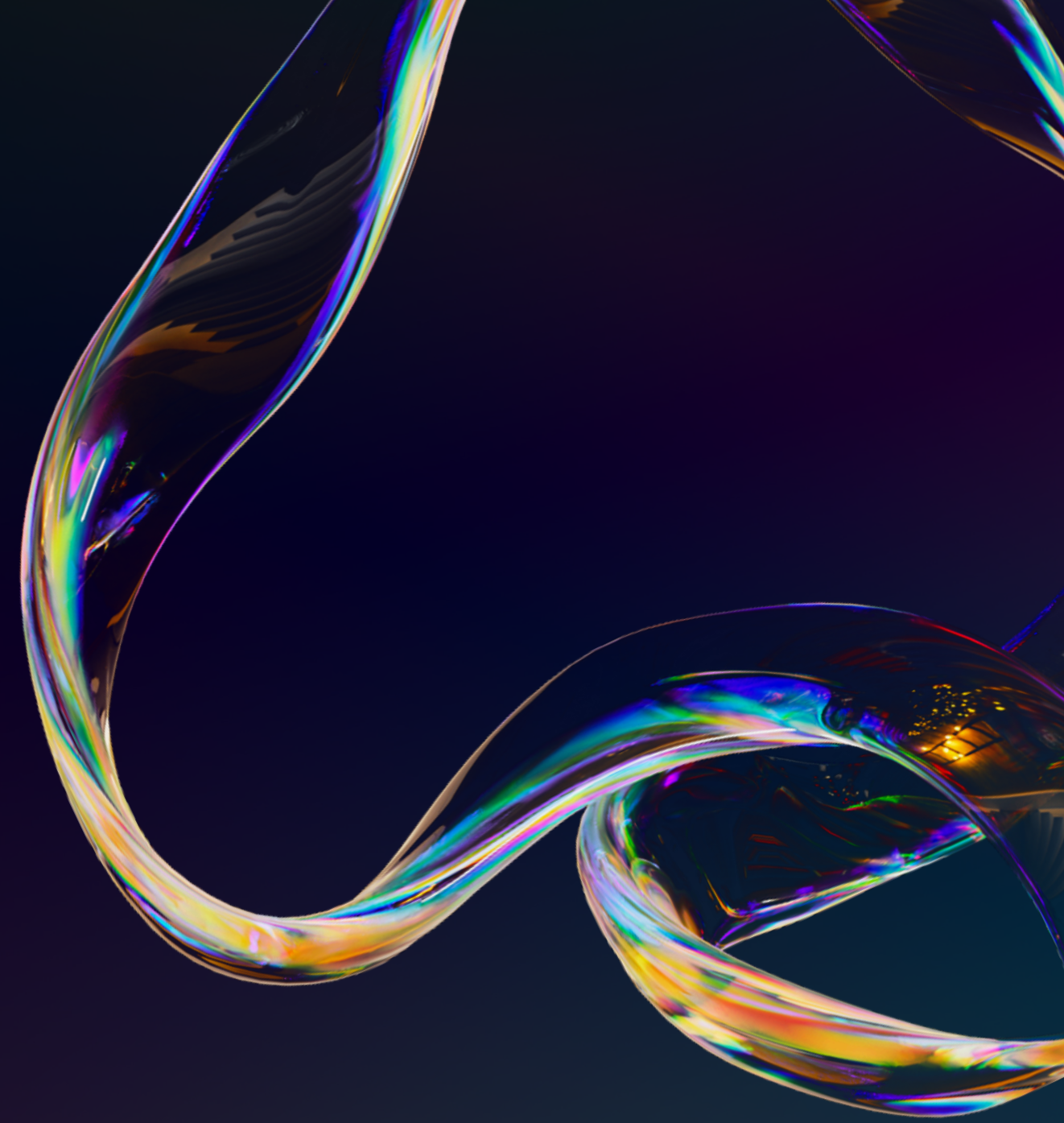
Complete the backend for Quick Settings and integrate it fully with the team's system. Focus on stabilizing functionality and preparing the application for deployment on iOS and Android platforms.

Challenges

- Integrating my backend work with the team's codebase
- Managing time across multiple classes without strict deadlines
- Refining prompt engineering to get consistent LLM responses

Reflection

This project reinforced the importance of patience and trial-and-error in development. I improved my ability to adapt quickly and solve problems under pressure. With more time, I would increase collaboration with my team to accelerate learning and improve overall system integration.





The End