Initial Ideas/Challenge
- Trigger Warning Extension that uses AI to find potentially triggering ideas (Trauma)
- Bot that helps people keep conversations flowing after stalling when meeting with people for the first time (Social Anxiety)
- Everyday notification system to send tips throughout the day in order to improve mental state (PTSD and maybe others as well)

Project Name: SocioFlo
Team Name: Natural Intelligence
Challenge: Social Anxiety

Chosen Idea

We chose to create a bot that would generate conversation topics if a conversation should stall or become awkwardly quiet to address social anxiety. We imagined that this would occur when meeting someone for the first time with someone in person whether platonically or romantically, but could potentially be used for people who know each other already as well. The idea is that someone would pull out their phone at the start of the conversation and open the website for our software to listen to their conversation. Then they would ask the bot to generate conversation pieces such as current events, intellectually stimulating topics, and more… to give both people something to talk about and move past an awkward spot in a meet up. The bot is supposed to function as a third person of sorts, but is not supposed to engage with the real people too much in order to reduce dependency on the bot.

Important considerations:

Accessibility: Intended to address social anxiety, but could apply to different topics such as isolation and stress in the sense that having social anxiety can lead to isolation and cause stress.
User Experience: UI would be a very simple style in order to facilitate people who are not tech savvy to use this software. Would have a chatbot style.
Innovation: This idea is innovative because chatbots usually exist to create a "fake" social interaction, but we are taking the approach to facilitating social interaction as opposed to simulating it.
Scalability: Could be made to be in other languages in order to expand to more countries.
AI Implementation. Could also potentially take in more forms of data in the future to give better suggestions.
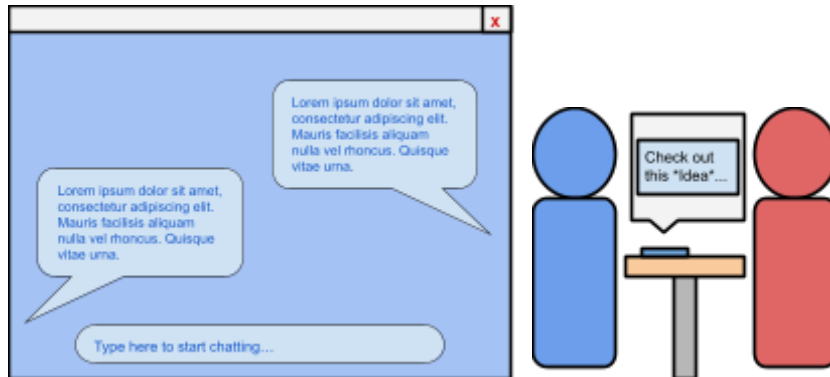Disability: Could potentially add text to speech capabilities in order to be available to blind people.
Competition: This product would be better than competitors like ChatGPT because it provides more specific and tailored conversation topics and would take in more information in order to better tailor the suggestions.

Technical Details:

Languages: Python, JavaScript and HTML
AI: Assembly AI and ChatGPT

Beginning Concepts Sketches:

Survey

Questions
1. What do you like to talk about if you are meeting someone for the first time?
2. Do you like to talk about viral videos?
3. Do you like to talk about news headlines?
4. Do you like to talk about current news?
5. What do you want to know about the person?
6. Would you like to have a 3 rd person?
7. Would you prefer that this 3 rd person knew the both of you?
8. What social media do you use?
9. In which platform are you comfortable sharing your opinions like comments?
10. How often do you meet people for the first time?
11. What do you enjoy on social media for recreation?

Participant 1
1. Name, place, common interest
2. Yes
3. Other person should be interested; then yes
4. Yes if they like too
5. Interest, if they don't carry on then stop
6. No
7. Yes
8. Instagram, twitter, reddit
9. Reddit; because it's anonymous
10. Not so often; not afraid to
11. Reddit: new information; Instagram: reels, comments

Participant 2
1. General problems of asia, major they're taking in school, projects if they are in a workplace setting
2. No
3. Sometimes; if it is breaking news
4. Yes
5. Subject; thinking about objects
6. It can work
7. Better
8. Whatsapp, LinkedIn, Twitter
9. Do not share
10. Not quite; 1 month
11. Not social media

Participant 3
1. Age, hobby, where are they from?, what do they usually do?
2. Not really; depends
3. Yes
4. Yes; always
5. Occupation
6. If it's a date then no, if it's friends yes; depends
7. Do not care
8. Instagram, tiktok, youtube, wechat
9. Post on wechat (because it's private)
10. 7/8 people per 4 months for assignments
11. Tiktok, youtube, reddit

Participant 4
1. Work, casual: common things; depends on the meeting place
2. If friendly then
3. Yes
4. Not sure; depends on the person
5. Common interests
6. Yes
7. Yes
8. Facebook, linkedin, Instagram
9. Don't share
10. Professional or office; 1 person monthly
11. Movies, actors
Participant 5
1. Food, recent travel, interesting news
2. No
3. Sometimes; impact of the news on both
4. Yes

5. Common interests, personal development, what I can learn from them, achievements
6. Not a preference; more beneficial
7. Yes
8. Facebook, linkedin
9. Don't show
10. 30 people per year
11. New ideas, technology, home decoration, creativity, new things

Participant 6
1. Interest
2. Yes
3. Less so
4. No
5. Interests, hobbies
6. Yes; if 7 is fulfilled
7. Yes
8. Reddit
9. Reddit
10. Not very often
11. Browsing stuff about hobbies

Participant 7
1. Personal interest, school major
2. No
3. No
4. No
5. Single or not
6. Yes
7. Yes-more comfortable
8. No social media
9. None
10. Once a month
11. None

Participant 8
1. How are you?
2. Yes
3. Sometimes
4. No
5. Behavior
6. Yes
7. Yes
8. Instagram
9. Instagram

10. 1 person/ month
11. Reels

Participant 9
1. Where are they from? What profession? What series or movies are their favourites?
2. No
3. No
4. Yes
5. Interests? Passions? Goals? Future plans?
6. No
7. Yes
8. Facebook, Instagram, linkedin, whatsapp
9. Facebook, Instagram
10. 4 people a month
11. 4 people a month
12. Youtube videos on film analysis, Instagram reels