

Weekly Schedule Schedule: Monday, 7:00 PM - 8:00 PM In-Person, Wednesday 3:00 - 5:00 PM, Saturday 1:00 PM

Our github repo: <https://github.com/acmucsd-projects/fa23-ai-team-2>

Attendees: Vincent, Hargen, Aryaman, Phillip, Catherine

Summary of Meeting

Action Items

- **Brainstorm project ideas**
- Copy over the folder structure from <https://github.com/acmucsd-projects/fa21-lion/tree/ML-setup/ML> ✓
- Update the README -> make it look nicer
 - Get a team banner (1280w x 680h)
 - A loading GIF
 - Table of contents
 - requirements/getting started/installation section
 - Author info (maybe add your contacts)
 - Add emojis to the headers
- Change repo name and discord server name to Team TBD
- Within the README Requirements -> detail step by step how an outsider can contribute
 - Git clone <repo>
 - Pip install -r requirements.txt
- Update meeting note folder + gitignore
 - .gitignore should ignore the contents of the input/ (and maybe the models/ folder if models are large)
- Look into your top project idea picks
 - Elaborate more on the idea
 - See where you can go with it
 - Identify possible issues with the project (i.e. hardware constraints, time constraint, team constraints, success factors)
 - Identify the data (where the data comes from and how we process it)
 - Write all of this up in some shared document between you guys
- [Learn the Basics — PyTorch Tutorials 2.1.0+cu121 documentation](#)
- [\(1\) PyTorch Prerequisites - Syllabus for Neural Network Programming Course - YouTube](#)
- Any useful resources for the team can be organized into this resources/ folder

Ideas

- Personality test; Using nlp to create a chatbot with a personality shaped by how you talk to it/replicates the user's personality
 - What if the model retains its personality over time
- Processes video/movie and summarizes it with context (NLP + CV?)
- Cuisine identification

- Also could generate recipe/nutrition facts
- AI generated image detection (generating writing pieces)
 - <https://www.kaggle.com/datasets/birdy654/cifake-real-and-ai-generated-syntetic-images>
- Skin condition/disease detection
- Suggests optimal webreg/course schedule, search problem
- AI to play game (tetris? Or more complicated)

Timeline

Votes

- Aryaman
 - 1) Cuisine identification
 - 2) AI to play game
 - 3) Personality Test
- Hargen
 - 1) Personality test
 - 2) Process video
 - 3) AI to play game
- Phillip
 - 1) AI to play game
 - 2) Personality test
 - 3) Cuisine Identification
- Sia
 - 1)
 - 2)
 - 3)
- Catherine
 - 1)
 - 2)
 - 3)
- Ryan
 - 1)
 - 2)
 - 3)