# FINAL PROJECT

You can find the full instructions for the final project here.

Some important points:
- The final project will be an **individual** project, you will be graded **solely** on your efforts. Here
- The final project is due on **AUGUST 5TH, 2022 AT 5PM.** Late work **will not be accepted and you will receive a zero for any work turned in late**.
- The final project is worth 40% of your grade
- The final project is composed of three smaller deliverables, a presentation, and a final report
  - Deliverable 1 due on JULY 11TH @ 11:59PM
  - Deliverable 2 due on JULY 18TH @ 11:59PM
  - Deliverable 3 due on JULY 25TH @ 11:59PM
  - Presentation due on AUGUST 3RD IN CLASS
  - Final Report 1 due on AUGUST 5TH @ 5:00PM
- After each deliverable, you will receive feedback from me at least 48 hours prior to when your next deliverable is due
- Each deliverable is worth 100 points
- You will be giving a final presentation on August 3rd in class on your project

For the final project, you will be asked to identify a controversial technology that was developed within the past decade. Your job will be analyze ***Is the creation and dissemination of this technology ethical?*** Additionally, **you will develop a strategy to mitigate possible adverse outcomes if the technology were to be deployed**.

**Deliverable 1 - Identify your topic & sources:**
- Submit a write up on the technology controversy you'd like to study summarizing what the technology is, who developed it, why you want to study it, and what makes it a controversy. You should also submit a short annotated bibliography of articles that discuss the technological controversy that you'll draw upon in your analysis. *Your write up should be at minimum 300 words, not including the short annotated bibliography.*

**Deliverable 2 - Analyze your controversy w/moral frameworks:**
- Consider what utilitarianism, deontology, and virtue ethics would suggest about the ethical standing of this technology and its creators. Write each of these analyses (including explaining each framework), and then consider them as a whole and what you actually think, drawing from and combining these frameworks or making a decision entirely on your own. You may, but do not have to, consider other ethical theories we learned about in class as part of the final synthesis. As part of your analyses, you may also note additional information that you would want to know in order to make better decisions.
- Remember that there are no right or wrong answers. You will be graded on your understanding of and ability to explain these different ethical frameworks, and your ability

to think through how they might apply to a specific situation **as well as how well you incorporated my feedback from your first deliverable**.
- As a rule of thumb, *your answer will likely be around 800 words* -- 100 to explain and 100 to analyze for each ethical theory, and another 200 to synthesize and provide your own opinion. If you consult any additional sources (which you are welcome to but do not have to do), be sure to include a list of references after your response.

**Deliverable 3 - Develop a Mitigation Strategy:**
- Choose a role for yourself in the company that developed the technology you're developing (e.g. data scientist, software engineer, business analyst, finance analyst, CEO, COO, etc.). Reflect on what influence your role has over the development and dissemination of that technology. Finally, develop a strategy that details (1) what your responsibility would be in terms of impact that the technology has (2) how you would use your role to avoid adverse outcomes and (3) your motivations for and against preventing the development and dissemenation of that technology.
- You will be graded on the quality of your proposed strategy specifically the detail in which you go into and your ability to think through how you could mitigate possible harms as a member of a corporation.
- *This deliverable should be around 500 words* – 50 to explain what your role is within the company and how it relates to the technology at hand, 150 to detail what your responsibility would be in terms of impact of the technology, 150 to layout how you could use your role to prevent adverse affects of the technology, and 150 to explain how you might deploy your strategy and what possible barriers/incentives might be

**Deliverable 4 - Put it all together!**
- Compile a write up, using the prior three deliverables to argue whether or not it would be ethical to develop and deploy the technology and how you would leverage your position in the company to guide the development of the technology in a way that mitigates possible ethical dilemmas.
- You will be graded on the quality of your writing, the clarity with which you describe the ethical dilemma at hand, your ability to utilize the moral frameworks to analyze your situation, and how well executed your mitigation strategy is.
- Your final report should include a bibliography **and** correctly formatted citations. You can use whatever citation style you like but it should be consistent throughout.
- Your final report should be at a minimum, 1500 words. It should not exceed 2000 words, please :)

**In-class Final Presentation**
You will present your analysis and strategy to the class in a 4 minute presentation. You may use slides for your presentation, though you don't have to. You may not exceed 5 minutes for your presentation, but you should have at least 3 minutes worth of content to present. Your presentation should include the following:

- An explanation of what your technology is

- Your definition of what it means to be ethical
- How you evaluated how ethical it would be to develop and disseminate the technology
- How you plan to mitigate possible ethical dilemmas in the development of the technology

If you know you will be absent for any reason on August 3rd, please let me know by July 29th!!!! Your final presentation makes up a portion of your final grade so its important that you are present in class that day!