- What is your target user base?
    - Victims of mental illnesses
- Do you want your project to be built with multiple technologies?
    - Yes, we plan to web/text scrape the provided data using Python and running the raw data through Microsoft Azure Cognitive Services APIs before visualizing the results using Python.
- Do you want to work with languages and frameworks you're familiar with or use this as an opportunity to learn new ones? Think about your project timeline as well.
    - I think we would prefer to stick with languages we're familiar with such as Python because of how efficient Python is at completing the task we're addressing.
- Do you need to store data, and if so, for what purpose are you storing this data?
    - Yes, our data is primarily being stored to be used in (social science) research in developing methods to identify/save individuals suffering from mental illnesses.
- Do you need to access data that is not directly accessible? (e.g. web scraping, APIs)
    - Yes, access to this data will likely come from voluntary participants (family members, suicide prevention services, etc.). The data collection process will also emphasize anonymity from all researchers involved.
- If you are making an app, does it have to be cross-platform?
- What platform will your project run on? (e.g. desktop, web app, mobile, etc.)
    - desktop?
- Are there any interesting features specific to a certain technology that might prove useful for my design?
    - Yes, the Microsoft Azure Machine Learning/Cognitive Services technology will enable us to run collected data through machine learning algorithms to train the algorithm to properly rate emotions of the subjects.

Outline: Sentiment analysis on Depression or Suicide patients
Sources:

- Text Messages
- Websites from history (Specific sites)
    - Facebook, Instagram, Twitter will have words and images scraped
    - Pinterest will have images only
- Shows Watched (Netflix/Hulu/Youtube History)
- Camera Roll

Types of analysis:

- Web Scraping
- Image Analysis (Objects and color)
- Sentiment Analysis

usER STOries
Persona + need + purpose
Defining use cases and Use case diagrams

1. Think about big problem from each user's perspective (draw.io)

FIGMA? MOre liKe LigMA

2. Develop cases

Use multiple perspectives
AS a __ I want to ___ so that I can ___
Case Diagram - map of all possible user interactions with product

<u>When it's Text:</u>
Spell Check -> sentiment analysis
Sentiment analysis _> Score
Score +time -> Graph

<u>When it's images:</u>
Microsoft Computer Vision / images and scene recognition/classification -> words
Words -> sentiment analysis
Sentiment analysis _> Score
Score +time -> Graph