* 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

1. Develop cases

Use multiple perspectives

AS a \_\_ I want to \_\_\_ so that I can \_\_\_

Case Diagram - map of all possible user interactions with product

When it’s Text:

Spell Check -> sentiment analysis

Sentiment analysis \_> Score

Score +time -> Graph

When it’s images:

Microsoft Computer Vision / images and scene recognition/classification -> words

Words -> sentiment analysis

Sentiment analysis \_> Score

Score +time -> Graph