1) Making a database containing all artworks in the gund gallery art loan program.
2) Learning qualities of artwork like color, medium, style using machine learning and categorizing them in some groups. This would happen automatically every time a new painting is added to the database
3) Selection system can use information provided by lendees and artwork grouping characteristics to make effective artwork suggestions.
    a) Can include secondary search functions so lendees can search by terms related to art groupings.
4) Selection system can be a lendee-ranking system so people choose the top *n* pieces they like most to give them a higher chance of getting those pieces.
5) Changing the website to reflect the new features added. We'll try to work with her google site but might make a new one from scratch if that turns out to be difficult.
    a) There may be personalized suggestions based on the properties of artworks and the visitor's information.
    b) Presentation of artwork includes some manner of scale representation (3-D room?)

Overall goal: Improve on the current art loan software implementation by altering online presentation, digital art storage, and lendee selection.

Stakeholders:

- Gund Gallery staff (Jodi, Robin, etc.)
- Gund Gallery associates
- Kenyon student body
- The developers (us)

Information stored in the database:

Artwork image (High quality jpegs 5-10 MB each), artist, artist dob, title of piece, date of creation, medium, AL (art loan) no., framed dimensions, date of acquisition, no. of visitors

Machine learning data associated with the artworks.