Group Number: 013-1

Team Name:

Team Members
- Joshua Kao
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    - Github: Josh223-colorado
- Chris Lal
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    - Github: chla6330

- Ben Getches
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    - Github: benjamingetches
- Harrison Getches

Application name:
UnderLeaf

Application Description
- Our app is an interactive Latex editor designed to revolutionize the process of writing and collaborating on math in a technological environment. With live editing support, as well as AI editing support via Open AI, users can interact with a chat model to fine tune their latex exactly how they desire. In addition, the application has a built in handwriting-to-latex photo scanner, powered by a convolutional neural network, as well as python image libraries. This aims to cut the gap between handwritten and technologically accessible notes.
- Powered by a backend database, our application holds saved Latex files, and allows users to modify who can see their files, share them with friends, or distribute assignments to students in a class-like environment. Securely storing login info and files, users have control over who sees what, and users can comment and review other's shared files, if they are available to them.

Vision statement:
- "To eliminate the disconnect between technology and math for aspiring learners and educators."

Version Control:
- Created repo, working on initial files on Sunday Oct 27th

Development Methodology:
- Trello: track the progress of the project
- We will also spend ~10 minutes per meeting drawing a big picture whiteboard image of our development status and what we need work on.

Communication Plan:
- Our group will communicate through texts, emails, and on more detailed short work sessions, we would communicate through Microsoft teams. Finally, for the weekly summary group, we will meet at Ben and Harrison's house in person.

Meeting Plan:
- Team Meeting:
  - Day: Sunday
  - Time: 3:00 PM - 5:00 PM
  - Mode: In-Person
  - Where: 602 22nd st
- Meeting with TA:
  - N/A, Our TA is not present in recitation to discuss

Wireframe:
- Added in GitHub Repo Folder