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## Potential Project Topics

### Topic 1:

- Our problem is that it is often hard to stay focused on homework. Many students struggle when faced with a blank page to type on. Our solution would be to make an app that makes homework more fun and rewarding, without losing any important features, such as saving the document and changing the font size.
- The users of this app would be students who have homework they need to work on regularly, especially those who struggle with staying focused. We would study and interface with other college students by interviewing them and seeing what they think would be useful in this kind of app, or what they would dislike.

### Topic 2:

- The problem is that websites are often inaccessible to people with different visual needs, such as people who need high contrast to read or people who get eye strain and need dark backgrounds to prevent that. The solution would be to make a browser extension that provides options to make websites different contrasts or brightness modes, while keeping the website readable and functional.
- This problem is relevant to anyone who uses computers often, so we could have other students in our study, preferably people with a variety of visual needs.

### Topic 3:

- Our problem is that most pdf editors that we have used in the past don't work very well, or are very difficult to understand and get working properly. Our solution would be to create a new pdf editor that can easily and effectively edit a pdf document without causing additional problems.
- Users would be anyone who uses PDF files often. This could include students or professors. We could discuss issues that other students or professors have had with editing pdfs and test our editor on them to ensure functionality.