

# Discussions

These are the gist of the discussions we had : -

- A. We first started with having our discussions for the tech-stacks. Due to our prior inclination towards using MERN stack for our software, we decided to go for it.
- B. Then, we had to make our team familiar with the tech-stacks. Umam & Maurya started exploring the development of the interface ( UI/UX ) for the software, while Gargi & Nishi were exploring the use of Node-JS for the backend.
- C. In our next discussion, due to some complications in the Node based backend, because the team was not comfortable with using it, Umam suggested using python for the backend. So options of using python for the backend were started to get explored.
- D. For the frontend of the application, we started implementing the front-end of the application keeping the layout very simple. We just wanted a text area and an area to show the files which are getting created by the user. We were using REACT-DRAFT-WYSIWYG. One of our functionalities, which was to export the typed content into PDF format, became a big problem for us, because while exporting it was not keeping the styles intact.
- E. We tried our best to have it implemented but it took a lot of time and problem still remained.
- F. We had a team meeting to talk about this issue, where we were discussed shifting to a pure HTML-CSS-JS based frontend. All of our team members agreed on this unanimously.
- G. With this, we moved forward with this new approach, and discarded the previous implementation method.
- H. Since, one of our team member Umam, was quite comfortable with using the local-storage for storing the created files, He suggested to use this. This was the best seeming method, because it would not require an authentication feature. Also the size of text files are not large, so we can use it. [ Generally localStorage of a system is about 5MB per app per browser ]
- I. After this being done, all the team members collectively started working with the implementation

At the end we were able to achieve some of the basic functionalities we wanted such as basic text styling, and file creation on the local-storage.

Future Work - Implementing deletion of files, more styling features & exporting