Design Documentation

Project Scope

The Project “Notes Template” was envisioned as a more documented and Design based approach to developing PDF notes developed in LaTeX. With all the little party tricks with LaTeX and some features like OCG(s) and Embedded JS, It has been my best attempt to make these notes as interactive as possible. Most of these interactions are not supported by many pdf readers and to be inclusive with them, I shall be putting a Toggle test button generally around the start of the PDF which if triggered shall “put in motion all Interactiveness” in the remaining PDF. This means that if the toggle button is not interactive, there would be no interaction in the remaining PDF. No content shall be lost because of this interactiveness in PDF but experience would be limiting. The project will try to keep out any GenAI written code in the LaTeX files in adherence to the philosophy that this project is Hand crafted. We can talk about the success and failures of GenAI written code over and over again but the simple fact of the matter is that this project is made not to accomplish something as Goal-Post but to try in accomplishing something that is a utility and not a Gimmick of shiny glitters. I will be using GenAI but as a ‘critique’ of content or Finding specific words for situations. For the context of this project, I will be starting with a wireframe and then a little prototype of the template. It might seem odd but I request the reader that all of this has been done as an experience on developing LaTeX Templates. In a very ground level truth sense, Designing should be essential before Developing especially in the project where Design is the most important feature of the document. Hence there would be Wireframes and Prototypes before actual Implementation.

- Project goals - Provide with LaTeX templates which essentially establish a framework for making educational content with sufficient features for interactiveness and other great things
- Deliverables - Figma Design Files, Final product as LaTeX Template codes (.sty and .tex files), Provide with Documentation and a sample PDF.
- Assumptions - Some basic level knowledge of LaTeX is needed to utilize this project. A pdf reader with a js engine is necessary to experience fully. I personally utilize Firefox with its PDF.js plugin in-built.
- Constraint - Constraints like Interactions which require a JS engine in the backhand are an issue for Mobile based Users. Firefox plugin does not support embedded 3D content.

- Exclusions - This is true but I want some sort of UX analytics process somehow embedded in the file but that eventually sounded too evil. Although there is a process by which we can share details of a form filled in PDF to the creator using Adobe JS Mail's Feature, I eventually decided not to use it.

Future Addendums: