

Keep Notes

Full Stack Project

SYNOPSIS



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Acknowledgment

It gives us a great sense of pleasure to present the synopsis of the B.Tech mini-project undertaken during B. Tech III Year. This project is going to be an acknowledgment of the inspiration, drive, and technical assistance that will be contributed to it by many individuals. We owe a special debt of gratitude to Mr. Mandeep Singh, Technical Trainer, for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal, and for his constant support and guidance to our work.

His sincerity, thoroughness, and perseverance have been a constant source of inspiration for us. We believe that he will shower us with all his extensively experienced ideas and insightful comments at different stages of the project & also will teach us about the latest industry-oriented technologies. We would like to acknowledge the contribution of all faculty members of the department for their kind guidance and cooperation.

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ABSTRACT

The purpose of Keep Notes is to provide good electronic notebook that will offer a secure environment to protect the integrity of both data and process, whilst also affording the flexibility to adopt new processes or changes to existing processes without recourse to further software development. The package architecture should be a modular design, so as to offer the benefit of minimizing time of any subsequent changes that you may wish to make in the future as your needs change.

Networked or wireless communications should be accommodated for by the package which will allow data to be interrogated, tabulated, checked, approved, stored and archived .

All data within the system may be stored in a database (e.g. MongoDB) and be fully searchable. The technologies used in making this project are HTML, CSS, Bootstrap, JavaScript, React JS, MongoDB etc.

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INTRODUCTION

The Keep Notes is to provide good electronic notebook that will offer a secure environment to protect the integrity of both data and process, whilst also affording the flexibility to adopt new processes or changes to existing processes without recourse to further software development. Notebooks are traditionally used in the sciences as electronic lab notebooks to document research procedures, data, calculations, and findings. Notebooks track methodology to make it easier to reproduce results and calculations with different data sets. In education, the notebook interface provides a digital learning environment, particularly for the teaching of computational thinking. Their utility for combining text with code makes them unique in the realm of education. Digital notebooks are sometimes used for presentations as an alternative to PowerPoint and other presentation software, as they allow for the execution of code inside the notebook environment. Due to their ability to display data visually and retrieve data from different sources by modifying code, notebooks are also entering the realm of business intelligence software.

SOFTWARE REQUIREMENTS

- HTML
- CSS
- Bootstrap
- JavaScript
- React
- Mongo DB
- Express JS
- Node JS
- Github

HARDWARE REQUIREMENTS

- Minimum Dual Core
- Windows
- Minimum 512Mb
- Mobile or Computer
- Minimum 4Gb
- Any display for output

Modules

- Authentication
- Home Page
- Share
- Font
- Colors

Functionalities provided by Keep Notes are as follows:

- Provide facility to write notes by authenticated user.
- Allows you to store data on cloud for future purposes.
- Provides the security for user so that no third party can access your data

IMPLEMENTATION

Keep Notes is a full stack project . In full stack project, we have frontend and backend technologies to make this project . Firstly in frontend side, we used technology HTML , CSS , Bootstrap , JavaScript , react js .Second in backend side , we used technology MongoDB , Express JS , Node JS etc.

Faculty Guidelines:

Mr. Akash Kumar Choudhary (Technical Trainer at GLA University)