

**A
PROJECT REPORT
ON
Google Keep Clone
SUBMITTED
TO**



BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY PUNE

**IN THE PARTIAL FULFILLMENT OF
BACHELOR OF COMPUTER APPLICATIONS**

SEMESTER-VI (2023-24)

BY

Mr. Hrushikesh Patil

UNDER THE GUIDANCE OF

Prof. A.B Nadaf

THROUGH

DIRECTOR

BHARATI VIDYAPEETH, PUNE

**ABHIJI KADAM INSTITUTE OF MANAGEMENT AND
SOCIAL SCIENCES, SOLAPUR**



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3.	Batch	2023-2024
4.	Subject Name	Major Project
5.	Name of Project Guide	Prof. A. B Nadaf
6.	Project Title	Google Keep Clone
7.	Project Duration	3 Months



BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY, PUNE
ABHIJIT KADAM INSTITUTE OF MANAGEMENT AND SOCIAL SCIENCES,
SOLAPUR

C E R T I F I C A T E

This is to certify that **Mr. Hrushikesh Patil** having Exam Seat No. **2419190062** is bonafide student of this Institute studying in **BCA SEM–VI**. I have completed the project report entitled “**Google Keep Clone**” for the partial fulfillment of the requirement of **B.C.A.** submitted to **BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY, PUNE**. They have carried out this work satisfactory.

Place: Solapur

Date: / /20

Dr. S.B. Sawant
(DIRECTOR)



BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY, PUNE
ABHIJIT KADAM INSTITUTE OF MANAGEMENT AND SOCIAL SCIENCES,
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Place: Solapur

Date: / /20

Dr. M. K. Patil

(HOD)

(Department of Computer Application)



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Place: Solapur

Date: / /20

Prof. A, B Nadaf
Project Guide (Internal Examiner)

External Examiner

DECLARATION

To,

The Director,

Bharati Vidyapeeth (DEEMED TO BE) University,

Abhijit Kadam Institute of Management

And Social Sciences, Solapur – 413004

Respected Sir,

I undersigned hereby declare that the project report entitled “**Google Keep Clone**” written and submitted under the guidance of **Prof. A. B Nadaf** it is my original work. The empirical findings in this project are based on the data collected by myself while preparing this project. I have not copied from any other project report.

I understood that, any such copying is liable to be punished in a way the University authorities may deem fit.

Place: Solapur

Date: / /20

Mr. Hrushikesh Patil

ACKNOWLEDGEMENT

The happiness of anything depends on what we give more than what we get. I would like to give the words of thanks, but the words are not enough to express my deep sense of gratitude to many persons who spread their time and efforts during the course of study work without their whole-hearted assistance and co-operation the project won't be successful

I would like to give special thanks to our **Director Dr. S. B Sawant** for giving an opportunity to complete my project.

I got the opportunity to express my sincere thanks to project guide **Prof. A. B Nadaf** for their valuable guidance and contribution in preparing the project.

I am especially thankful to **Dr. M. K. Patil (HOD)** for his valuable guidance and contribution in preparing the project.

I also, thank to my classmates every one of my family and all the people who helped me directly and indirectly to complete this project.

Mr. Hrushikesh Patil

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INTRODUCTION

In an era inundated with information, the need for effective note-taking tools has never been more apparent.

Inspired by the simplicity and versatility of Google Keep, we proudly introduce Keep clone - your personal note-taking hub.

Keep clone is not just another note-taking app; it's a comprehensive solution designed to streamline your workflow, boost productivity, and help you stay organized amidst the chaos of modern life.

Understanding the Need:

With the exponential growth of digital information, individuals across all walks of life face the challenge of managing an ever-expanding array of thoughts, ideas, tasks, and reminders.

Traditional methods of note-taking, such as pen and paper, are often inadequate in today's fast-paced world. Digital note-taking apps have emerged as a popular alternative, offering convenience, accessibility, and organization. However, many existing solutions lack the simplicity and user-friendliness necessary for widespread adoption.

Keep clone is more than just a clone of Google Keep; it's a reimagining of what a note-taking app can be. At its core, keep clone is designed to empower users with a seamless and intuitive note-taking experience, while offering advanced features for enhanced organization and productivity. With a sleek and user-friendly interface, keep clone makes it effortless to capture, organize, and retrieve your thoughts, ideas, and tasks, whenever and wherever inspiration strikes.

- Save: Keep clone allows you to effortlessly save notes, checklists, reminders, and images, ensuring that no idea is ever lost or forgotten. Whether you're jotting down a quick reminder, brainstorming project ideas, or creating a detailed checklist, keep clone provides the tools you need to capture and store information with ease.
- Delete: In addition to saving notes, keep clone offers the flexibility to delete notes that are no longer needed. With just a few taps, you can declutter your workspace and remove any unnecessary or outdated information, helping you stay focused and organized.
- Archive: Sometimes, you may want to temporarily remove a note from your active workspace without permanently deleting it. That's where Keep clone archive feature comes in handy. By archiving a note, you can temporarily set it aside while still retaining the option to retrieve it later if needed. Whether you're decluttering your workspace or simply putting a project on hold, keep clone archive feature gives you the flexibility to organize your notes according to your unique workflow.
- Labeling and Categorization: Keep clone allows you to label and categorize your notes, making it easy to organize and retrieve them based on specific topics, projects, or priorities. Whether you prefer to use color-coded labels, tags, or custom categories, keep clone gives you the flexibility to customize your organizational system to suit your individual preferences and workflow.
- Cross-Platform Sync: Keep clone seamlessly synchronizes your notes across all your devices, ensuring that you always have access to your information whenever and wherever you need it. Whether you're using your smartphone, tablet, or computer, keep clone keeps your notes in sync, so you can pick up right where you left off, without missing a beat.

FEASIBILITY STUDY

1. Technical Feasibility:

The Keep clone application will be compatible with major operating systems, including Android, iOS, and web browsers. The Keep clone can be seamlessly integrated across a wide range of devices by leveraging modern programming languages and frameworks like React Native for mobile and React.js for web. By implementing a robust backend infrastructure using cloud-based services like AWS or Google Cloud Platform, user data can be stored and retrieved efficiently. Keep clone can handle large volumes of data and a growing user base effectively if it uses scalable databases like Firebase or MongoDB.

2. Operational Feasibility:

Inspiring Google Keep's simplicity, keep clone will have an intuitive and user-friendly interface. By conducting user research and usability testing, the interface will be tailored to meet the needs and preferences of the target audience, enhancing adoption and user satisfaction. Training and Support: Providing comprehensive documentation, tutorials, and customer support channels will assist users in understanding and utilizing Keep clone features effectively. In response to user feedback, regular updates and bug fixes will improve the overall user experience.

3. Economic Feasibility:

Our innovative note-taking app that is designed to help you efficiently organize your thoughts, ideas, and to-do lists. With a sleek and user-friendly interface inspired by Google Keep, this app makes it easy for you to capture, manage, and organize your notes. Whether you're taking quick notes, creating detailed checklists, or saving important links, Keep It is the perfect tool to help you stay organized and productive. Our primary goal is to empower users with a user-friendly, yet powerful note-taking and organization tool that is both simple and versatile. With Keep It, you'll have an indispensable companion for efficient note-taking and organization.

PROJECT DEVELOPMENT PLAN

To develop Tooling Management software as a major project, I have completed the project development plan.

Task	Day to Complete (Approx.)
Initial Discussion	5
Study of Tools	5
Analysis	12
Module design, Menu, Toolbar, Interface design	13
Screens	10
Construction	25
Testing	10
Documentation	10

In whole project I required to complete in **90 Days**.

TECHNICAL REQUIREMENTS

Technologies:

- Front-end Technologies

-Node.js,

-React.js

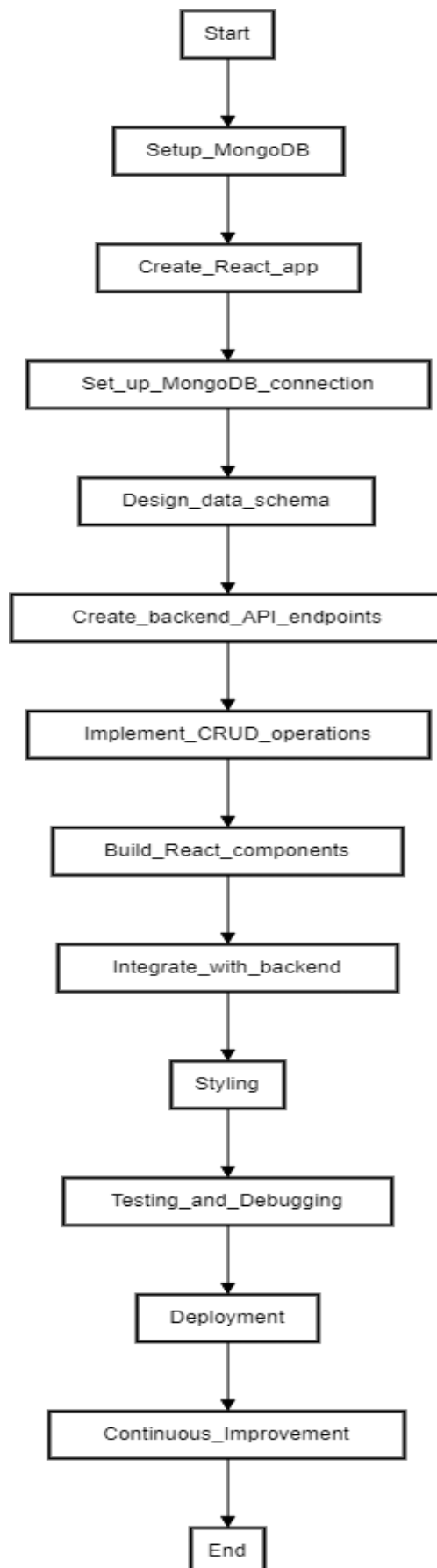
- Back-end Technologies

-MongoDB

Operating System:

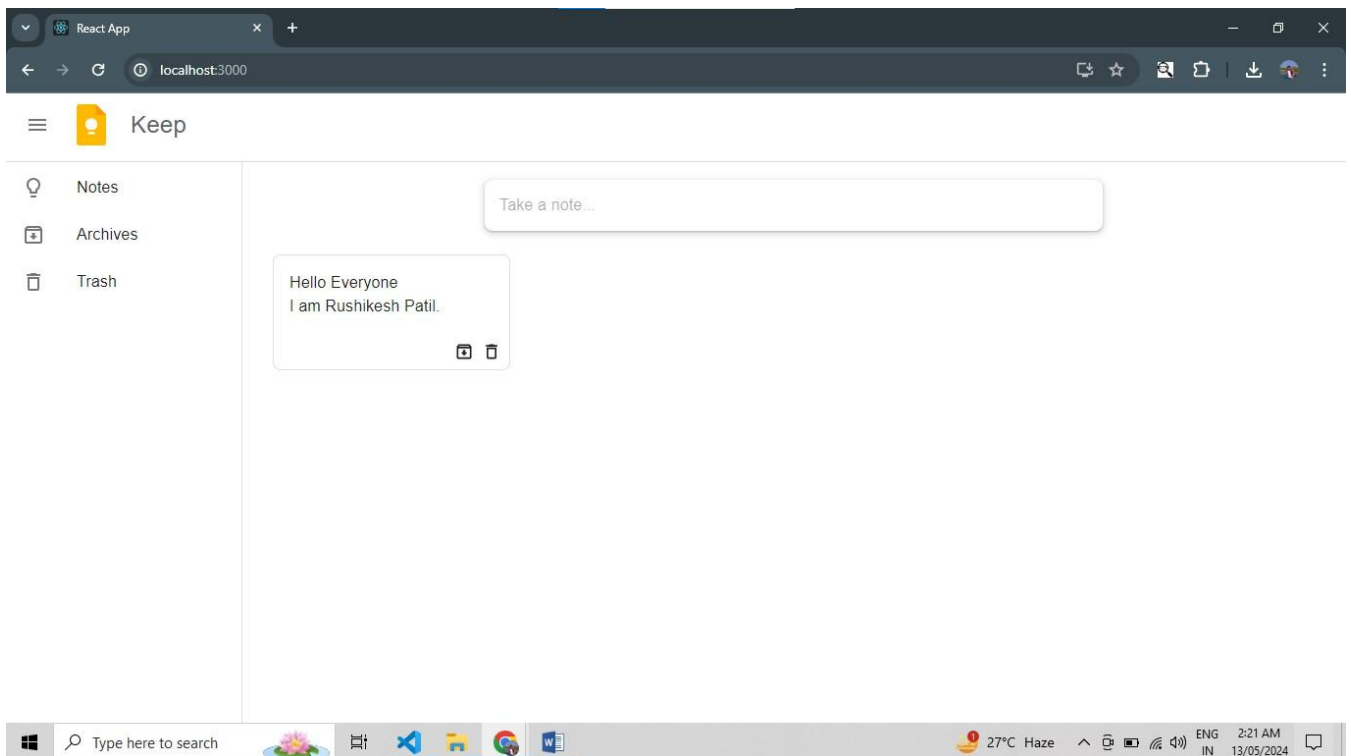
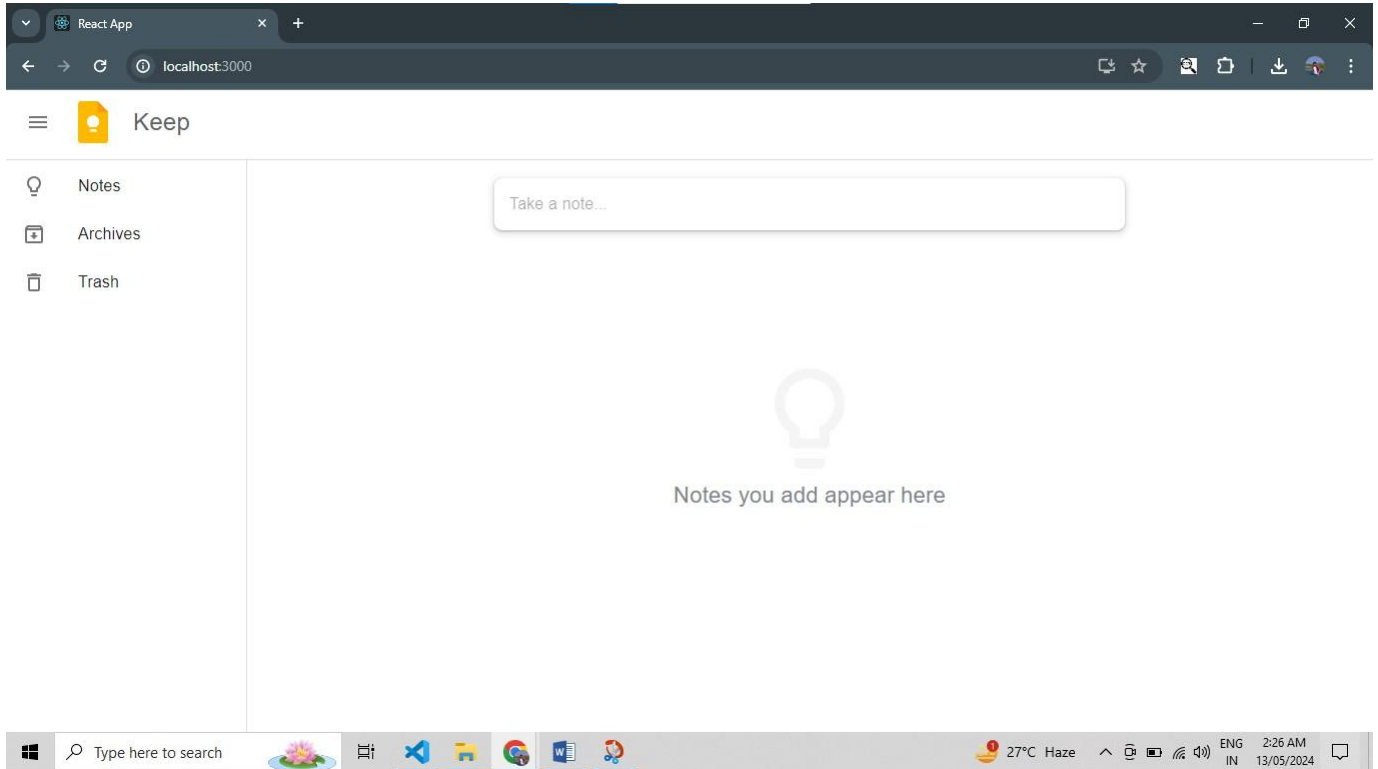
Windows 10

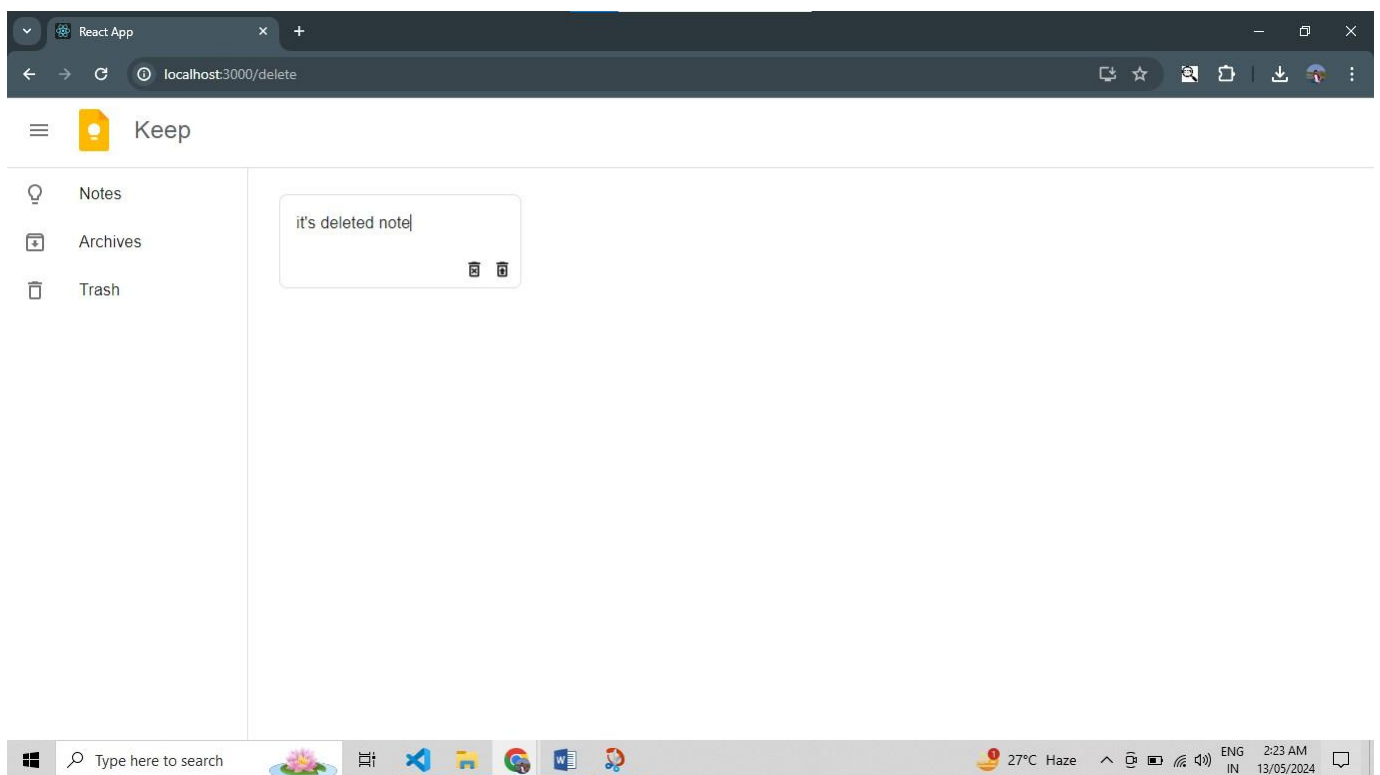
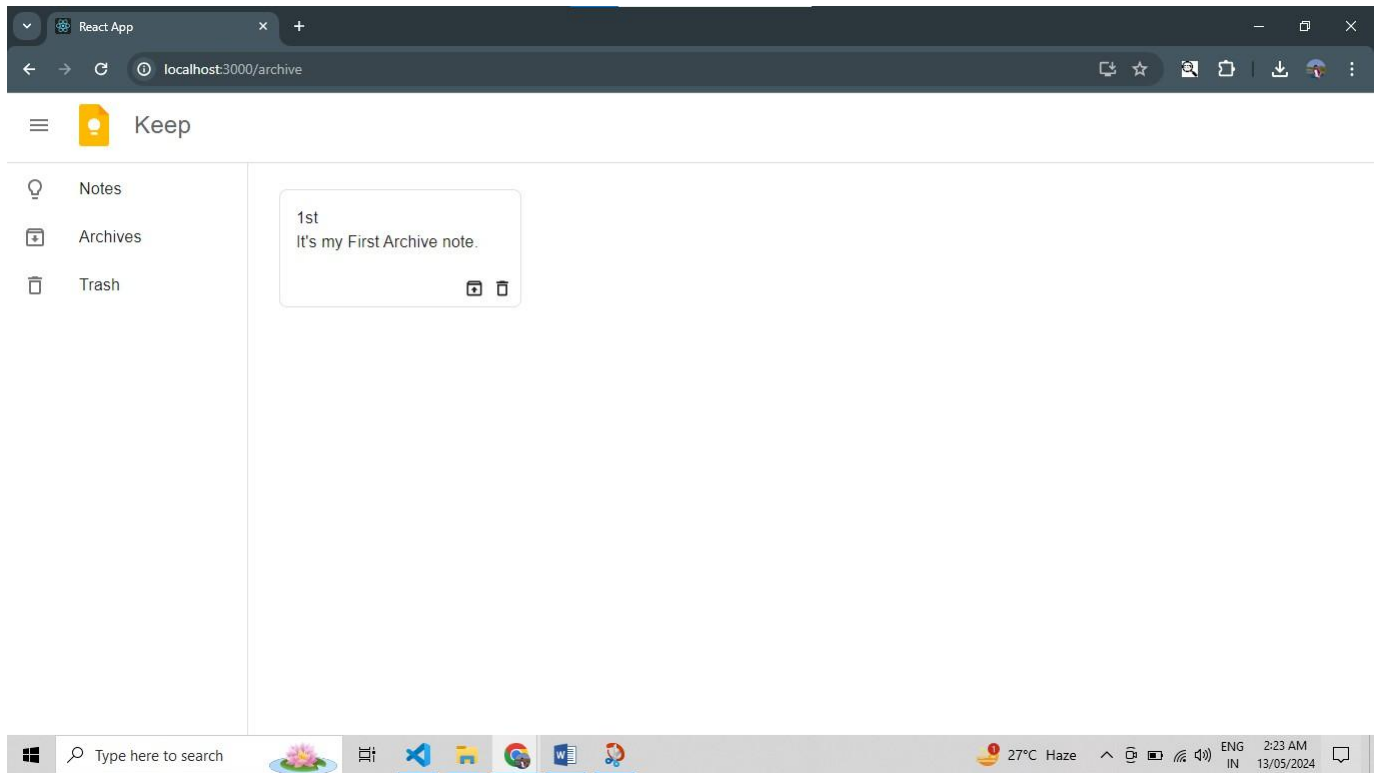
FLOWCHART



PROGRAM CODE

OUTPUT





CONCLUSION

In conclusion, the development of our Google Keep clone project in React.js has been a rewarding journey. We successfully replicated the core functionalities of Google Keep, including note creation, editing, and deletion, while integrating MongoDB for data storage. Throughout the process, we encountered challenges such as designing an intuitive user interface and managing asynchronous operations with the backend. However, through collaboration and problem-solving, we overcame these obstacles and delivered a functional application.

Looking ahead, there are numerous opportunities for further enhancement and refinement. We could explore adding features like user authentication, sharing notes with collaborators, or implementing real-time updates using technologies like WebSocket's. Additionally, we could focus on optimizing performance and scalability to accommodate a larger user base.

Overall, this project has not only improved our skills in React.js and MongoDB but also provided valuable insights into the complexities of building a modern web application. We're proud of what we've accomplished and excited about the potential for future iterations of our Google Keep clone.