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Tittle

Quick Prep Hub: Your All-in-One Resource for
Academic and Interview Success

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Name of the Concern: Nxweb

Qualification of the External Guide :

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Abstract

Quick Prep Hub is a user-friendly web platform designed to help students with academic and professional preparation. Built with the MERN stack (MongoDB, Express.js, React.js, and Node.js), it provides easy access to study materials like notes, programming guides, cheat sheets, and interview questions in PDF format. The platform features an intuitive interface, secure user authentication, and a responsive design for all devices. Administrators can manage, update, and upload new content through an admin dashboard, while also tracking user engagement. Hosted on Vercel and Heroku, Quick Prep Hub scales efficiently to meet growing demands, making it a valuable resource for exam preparation, skill development, and interview practice.



Existing System:

The current platform, CodeHype, offers a range of resources such as programming guides, cheat sheets, and interview questions in PDF format. It provides students with easy access to various study materials, but it primarily focuses on practical guides and interview prep, without integrating subject-specific textbooks or e-books for in-depth academic study.

Proposed System:

The proposed system aims to enhance the existing platform by adding a feature to upload and provide access to e-books related to specific subjects. This would allow students to view and download subject-specific textbooks, giving them a comprehensive resource to complement their academic learning alongside the current study materials.

Software Specification

Frontend

React.js

TailwindCss

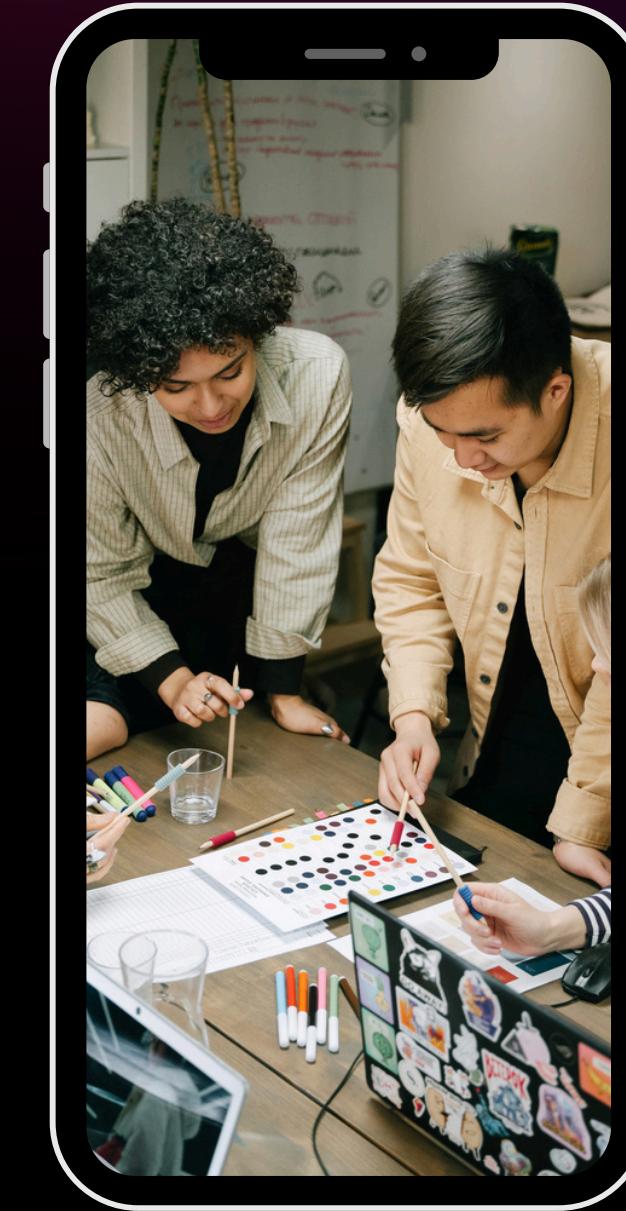
Backend

Node.js

Express.js

DataBase

MongoDb



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Modules

1. User Authentication Module

Purpose: Allows users to sign up, log in, and securely access the platform.

2. Dashboard Module

Purpose: Displays an overview of available resources and allows easy navigation to various study materials.

3. Resource Management Module

Purpose: Lets users view, download, and access study materials (e.g., notes, PDFs) based on categories.

4. Search

Purpose: Helps users quickly find the resources they need using search or filter options.

5. Admin Dashboard Module

Purpose: Allows admins to upload, update, and manage resources, as well as monitor platform activity.

6. User Profile Management Module

Purpose: Allows users to manage personal details and track saved resources and progress.

7. Resource Viewing Module

Purpose: Lets users view resources directly in the browser without downloading.

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O Conclusion

In conclusion, Quick Prep Hub is a comprehensive platform that streamlines academic and interview preparation by providing easy access to study resources. Its intuitive design, secure user authentication, and efficient backend ensure a smooth experience for students. With scalable performance and advanced features like content management and analytics, Quick Prep Hub is a valuable tool for students aiming for academic and professional success.



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Thank You!