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With Deep Reverence,

S. Darshdeep Singh Dutta[110]

Shivam Jatale[115]

[SYCSE-A]

ABSTRACT

In the evolving digital education landscape, students frequently encounter the challenge of locating accurate, relevant, and syllabus-oriented resources amidst a flood of generalized online content. This project proposes a centralized and minimalistic web platform tailored specifically for undergraduate Computer Science students. It consolidates subject-wise programming notes—such as Python, Java, and Operating Systems—into a single, distraction-free interface. Developed using HTML, CSS, JavaScript, and PHP, with local JSON storage for user feedback, the system avoids the complexity of traditional databases. Its lightweight architecture allows for fast performance, ease of deployment using local servers like XAMPP, and full offline functionality, making it highly accessible even in low-infrastructure academic settings.

A key feature of the platform is its feedback and rating mechanism, which empowers students to contribute to content quality without the need for logins or personal data. The modular design and folder-based structure allow for effortless expansion and customization, making it equally useful for faculty members and institutions seeking low-maintenance solutions. User testing confirmed the portal's usability, effectiveness, and appeal for focused study. This report details the project's complete lifecycle—problem identification, system analysis, design, implementation, testing, and evaluation—while also highlighting opportunities for future upgrades such as interactive tools, analytics, and broader content integration.

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