BrahmaX 1.0

The Creation of Tomorrow

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Profile Overview

- **Theme** - **EdTech:** Innovating education technology to shape better learning experiences

- **Problem Statement Title**- *eduNOVA*(a new spark in education)

- **Team ID** - (As per Unstop registration)

- **Team Name** - (CodeCrushers)

IDEA TITLE

Proposed Solution (Describe your Idea/Solution/Prototype)

- <u>Solution Overview</u>: Our project is an educational platform offering , a writing pad for note-taking, a quiz generator with customizable options, and a PYQ downloader. It aims to simplify learning, improve engagement, and provide accessible study tools for students across various grades and streams.

- <u>Problem-Solving</u>: Our prototype solves the lack of personalized, accessible, and interactive learning tools

  for student's Innovation:

- **An all-in-one platform combining a, custom quiz generator, writing pad, and PYQ downloader**.

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CodeCrushers

- <u>Technologies Used:</u> HTML, CSS, JavaScript, node.js

- <u>Methodology:</u>

  Need Analysis – Identified student pain points

  Tech Stack Setup – HTML, CSS, JS, Node.js, Express

  Feature Build – digital writing pad, Quiz, PYQs

  Testing – Debugged and optimized features

  UI/UX – Built responsive, clean interface

FEASIBILITY AND VIABILITY

- <u>Feasibility:</u> The project is technically and practically feasible using widely supported web technologies (HTML, CSS, JS, Node.js, Express).. All features are lightweight, scalable, and can run smoothly on standard web servers, making the solution easy to develop, deploy, and maintain in real-world use.

- <u>Challenges & Risks:</u> Potential challenges include managing json file , data privacy concerns under regulations , scalability issues with high traffic, and ensuring user adoption and trust in the platform's features for long-term engagement.

IMPACT AND BENEFITS

- <u>Target Audience Impact</u>: collage students and others.

- <u>Key Benefits:</u> Key benefits include an all-in-one platform for learning, personalized quizzes, and easy access to PYQs. The writing pad enhances note-taking, while the user-friendly interface ensures seamless interaction. Scalable and accessible, the solution is designed to improve productivity and engagement for students across various levels.

- <u>Long-Term Value</u>: The platform is highly scalable, with future potential for multi-language support, and integration with learning management systems. This ensures adaptability, growth, and continuous improvement, making it a valuable long-term tool for modern education.