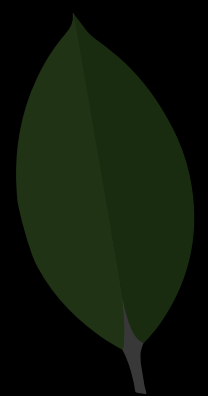
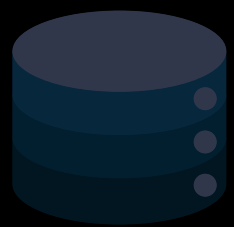


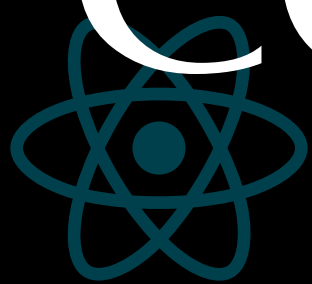
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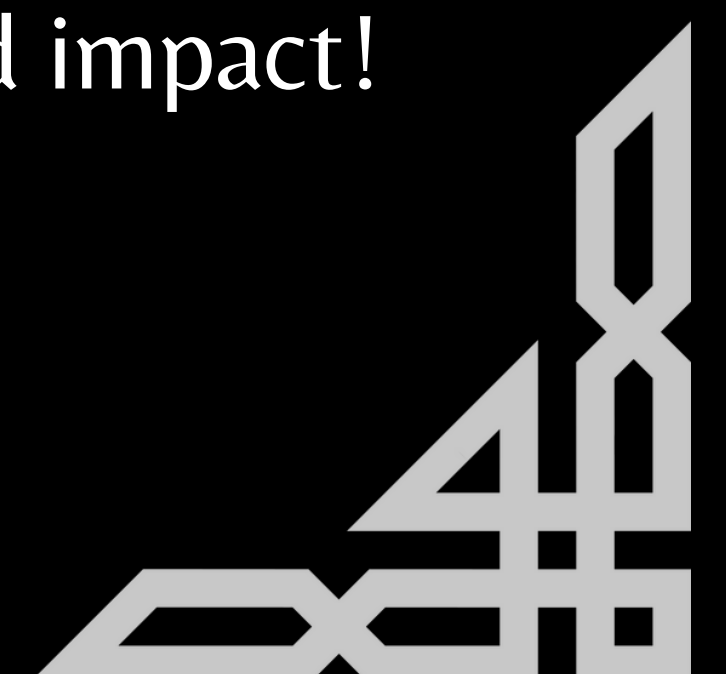
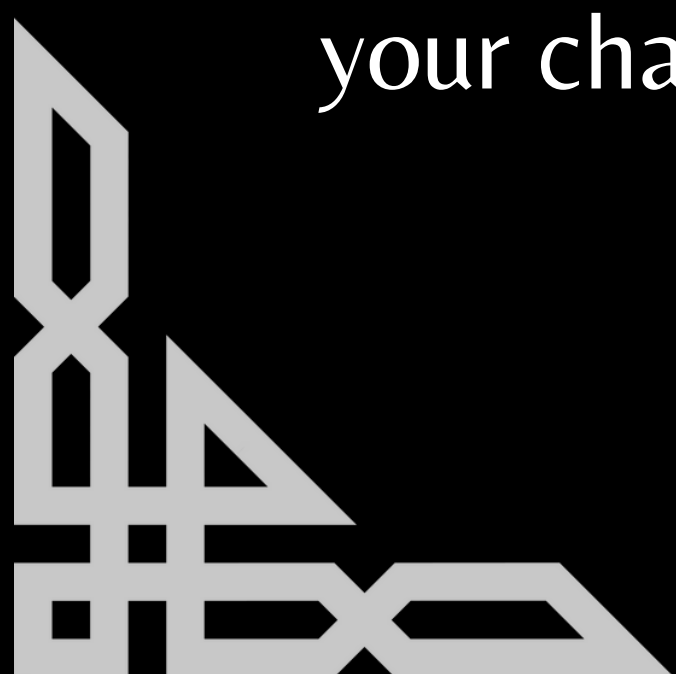
- PRESENTS -



CODENOVATE



Not a coding genius? No sweat! Dive in, level up, and make epic connections. Whether you're a rookie or a pro, this is your chance to turn wild ideas into real-world impact!



# Digital Currency for College Transactions

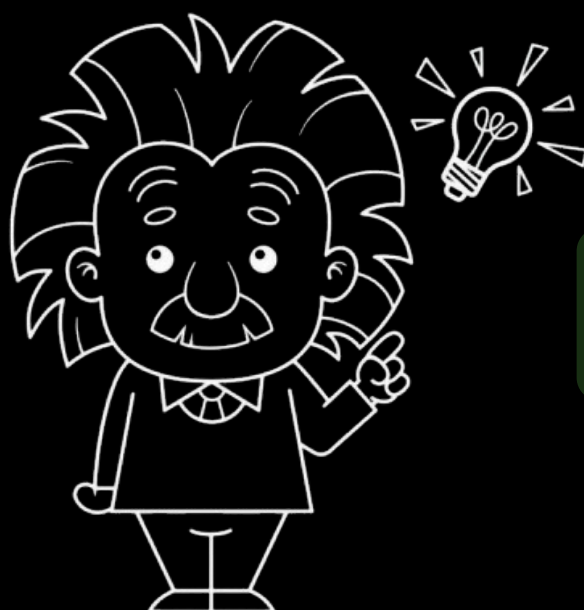
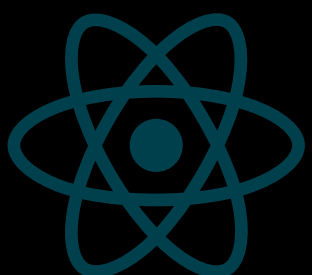
**Develop a digital currency platform that allows students to convert real money into points, which can then be used for transactions across various campus services .**

**These points will be accepted by participating merchants within the campus.**

## Cognitive Learning Platform for Personalized Education



**A cognitive learning platform for personalized education is an AI-driven solution designed to adapt to each learner's unique needs, preferences, and pace. By leveraging advanced analytics and cognitive science principles, it provides tailored learning experiences, real-time feedback, and resource recommendations.**

**The platform empowers educators with actionable insights into student performance, enabling them to address challenges and enhance outcomes. This innovative approach fosters engagement, closes knowledge gaps, and ensures every learner achieves their full potential.**







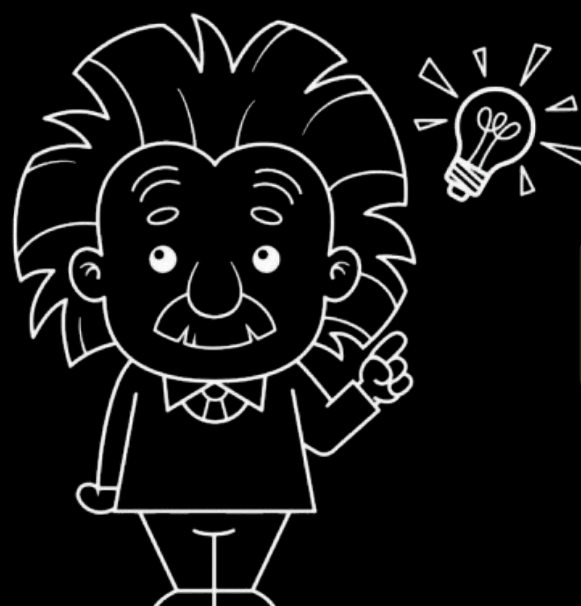
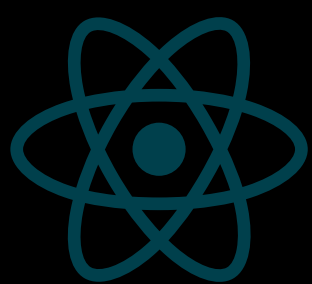
## Advanced Food Redistribution Network for Communities



**Every day, tons of food in urban areas go to waste due to expiration or surplus prepared meals. This not only has significant environmental consequences but also represents a missed opportunity to feed communities in need.**





**An efficient system is required to connect food suppliers with food banks and non-profit organizations to ensure food is redistributed before it goes to waste.**



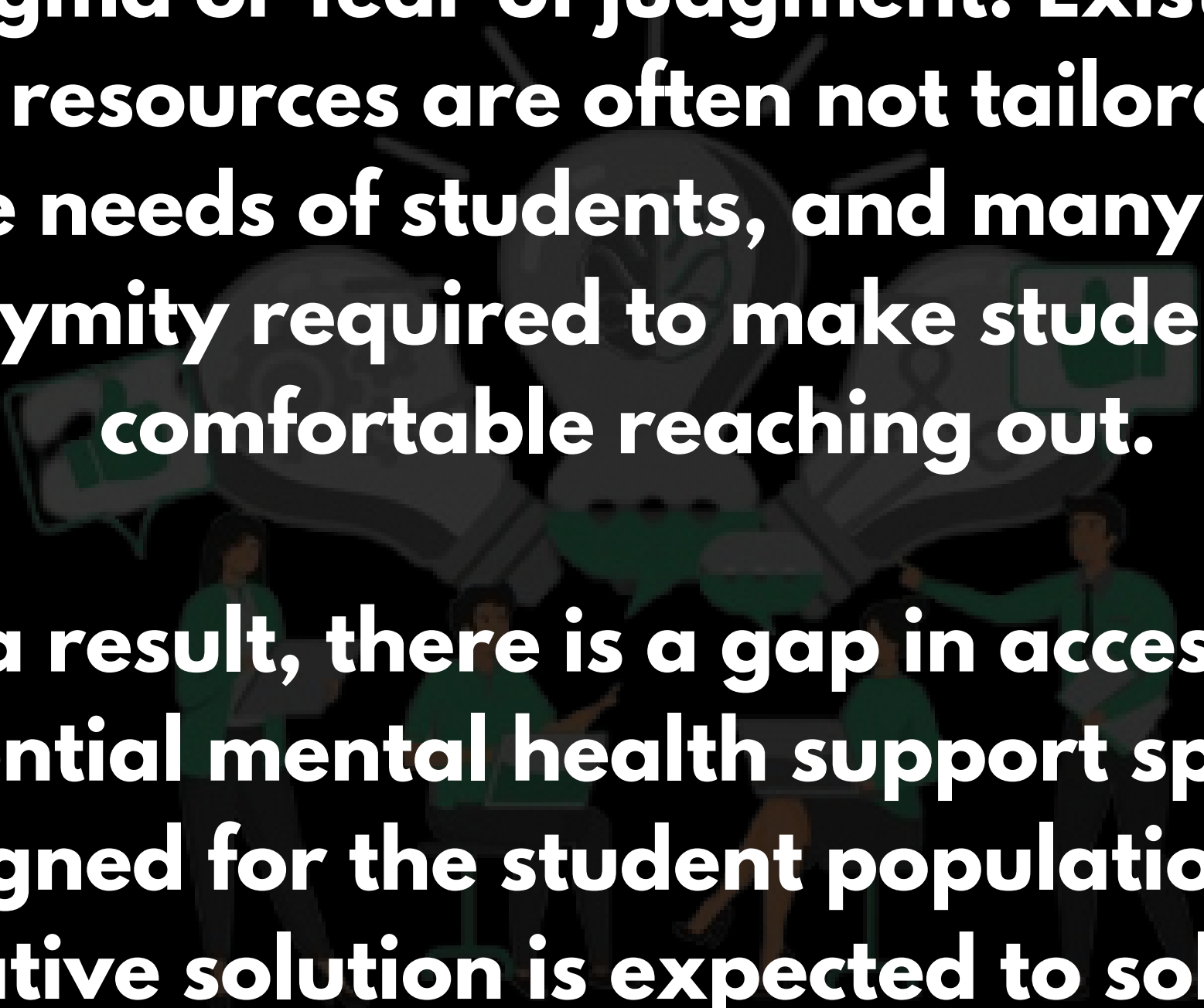




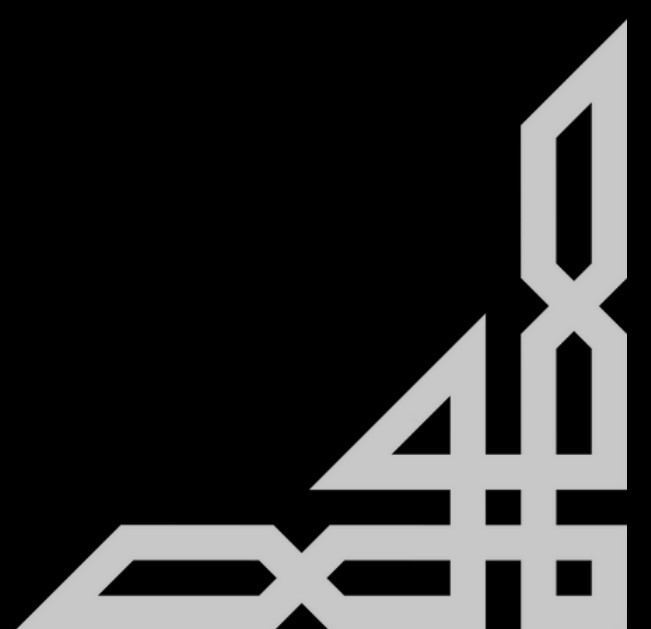
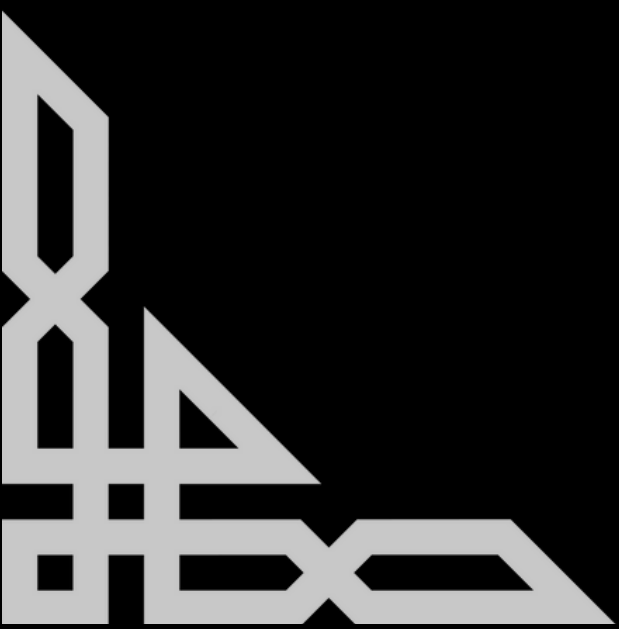
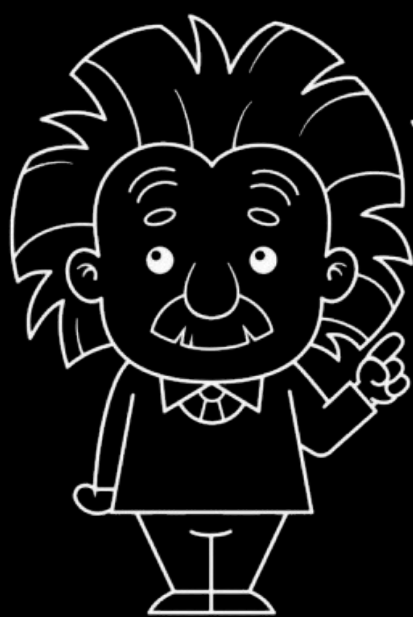
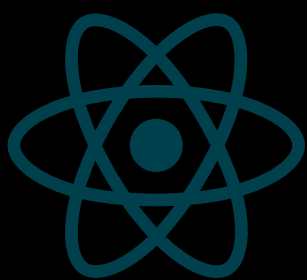
## Student-Centered Anonymous Mental Health Support Platform





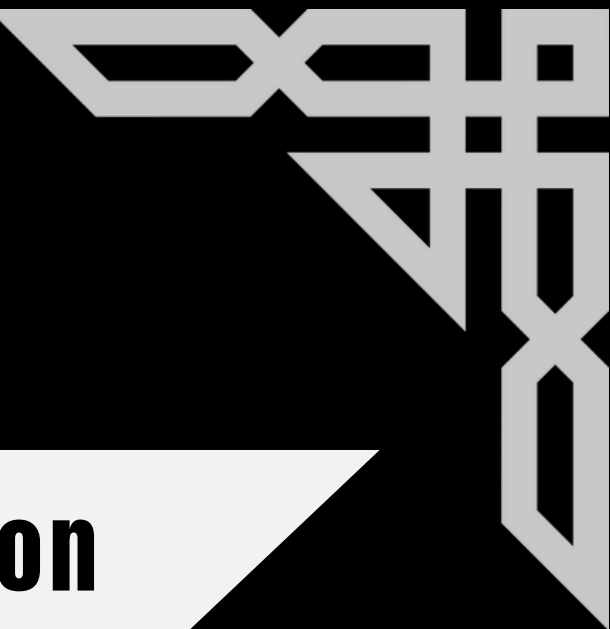
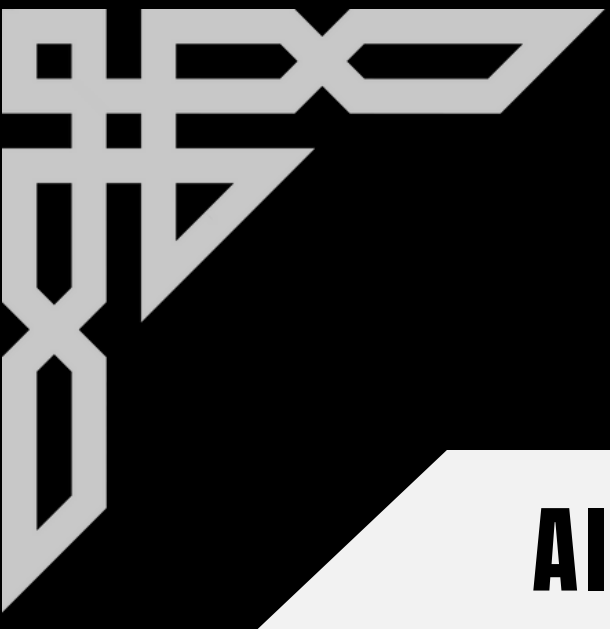
**Students face increasing mental health challenges due to academic pressure, social stress, and personal issues, but many hesitate to seek help due to stigma or fear of judgment. Existing mental health resources are often not tailored to the unique needs of students, and many lack the anonymity required to make students feel comfortable reaching out.**



**As a result, there is a gap in accessible, confidential mental health support specifically designed for the student population. An innovative solution is expected to solve these mental health issues of the students, that has various ways to both prevent and solve the mental health issues of the students.**




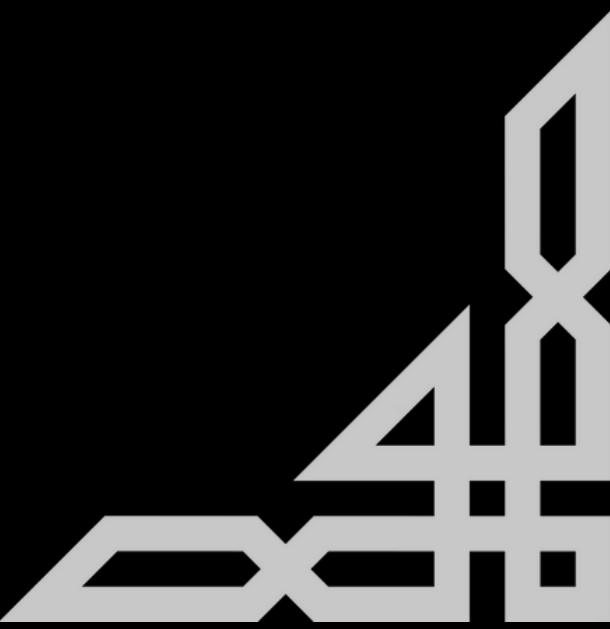
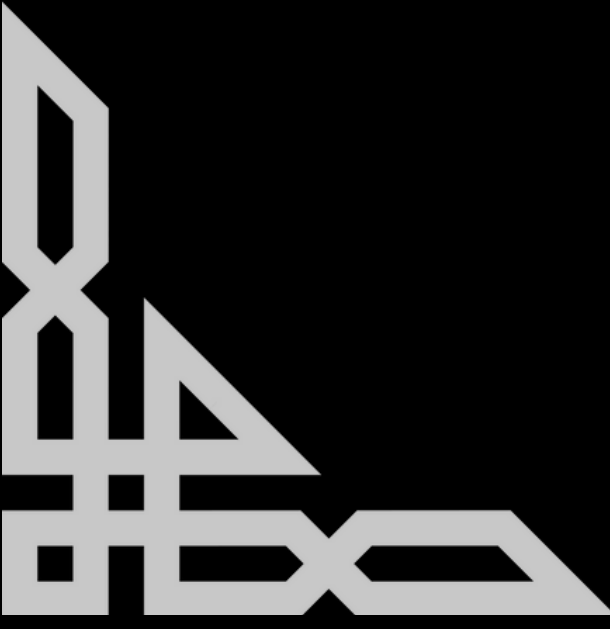


## AI for Automated Medical Image Annotation



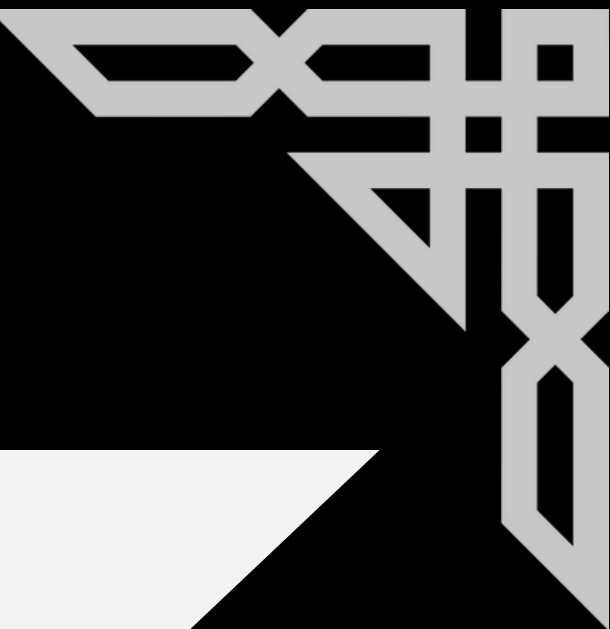



**\*AI for Automated Medical Scan Annotation\* uses advanced machine learning algorithms to analyze medical scans, such as MRIs, CTs, and X-rays, to identify critical areas and detect potential abnormalities.**

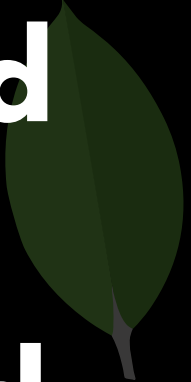

**By focusing on key regions of interest, it highlights issues like tumors, fractures, or structural anomalies, assisting clinicians in prioritizing cases and ensuring accurate diagnoses. This technology streamlines workflows, reduces manual workload, and enhances diagnostic precision, ultimately supporting timely and effective patient care.**



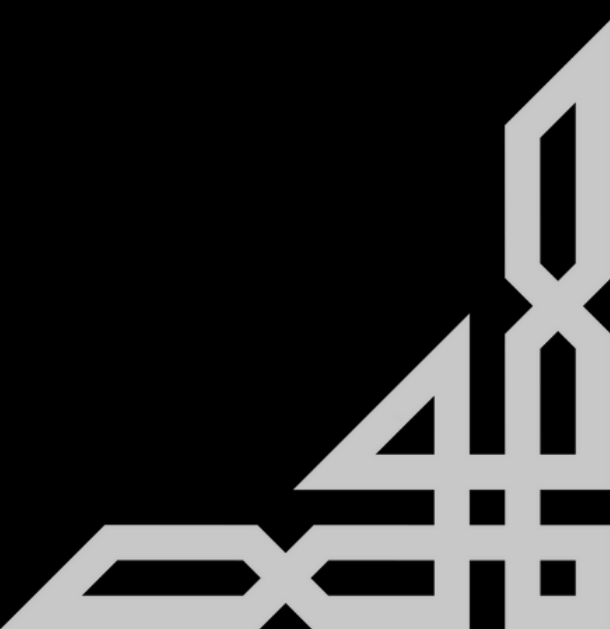
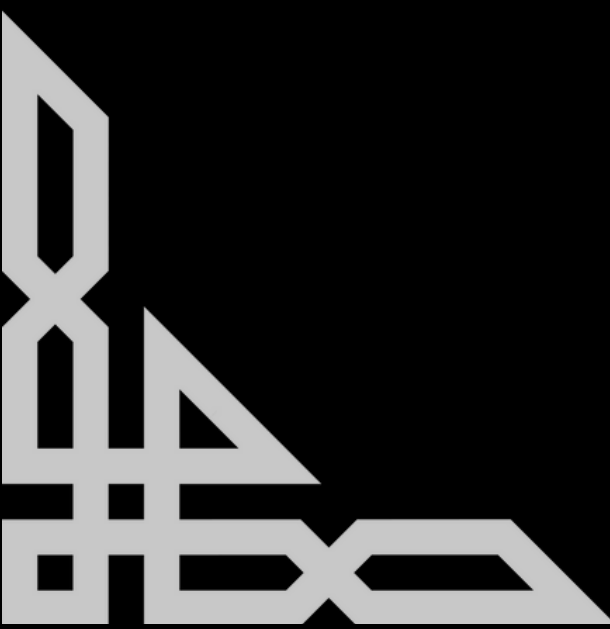
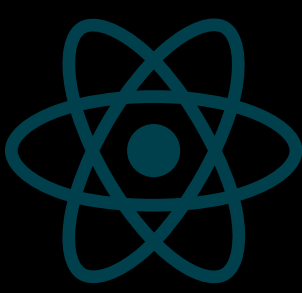
## Digital Time Capsule



**Transform scattered digital content—photos, text, audio, and videos—into a meaningful, organized narrative that captures its emotional context and significance, ensuring it can be preserved, selectively shared, and accessed by future generations.**



**The goal is to create a platform that intelligently organizes these memories into coherent "chapters of life," while addressing challenges like privacy, long-term preservation, and time-based sharing.**



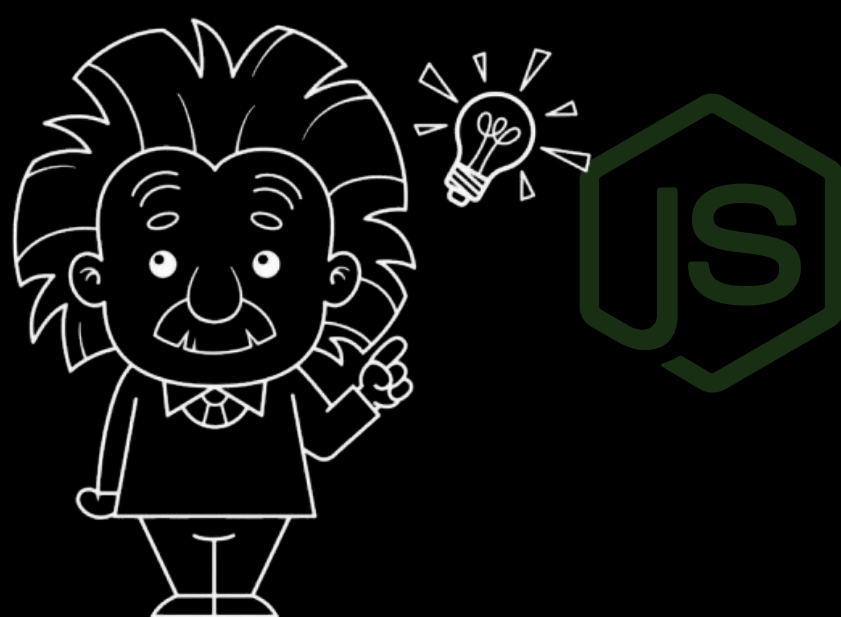
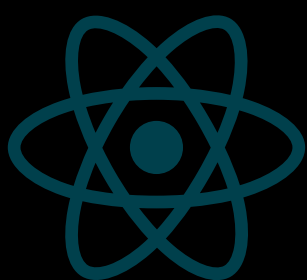


## **Paisha bachao Paisha badhao** **(Regain like solution for digital payments)**

**Many people struggle with managing daily expenses due to poor budgeting, lack of tracking, and impulsive purchases, often leading to financial stress and diminished savings. These habits make it difficult to achieve long-term financial goals, as individuals lack effective tools or strategies to gain control over their finances or identify cost-saving opportunities.**

**A personal finance management system can address these challenges by combining automated expense tracking, budget planning, and real-time spending alerts. Leveraging mobile apps or AI-driven platforms, this solution categorizes expenses, sets spending limits, and provides actionable insights.**

**Features like goal tracking, savings recommendations, and alerts for unusual spending patterns can help users develop better habits, reduce unnecessary expenses, and achieve greater financial stability.**



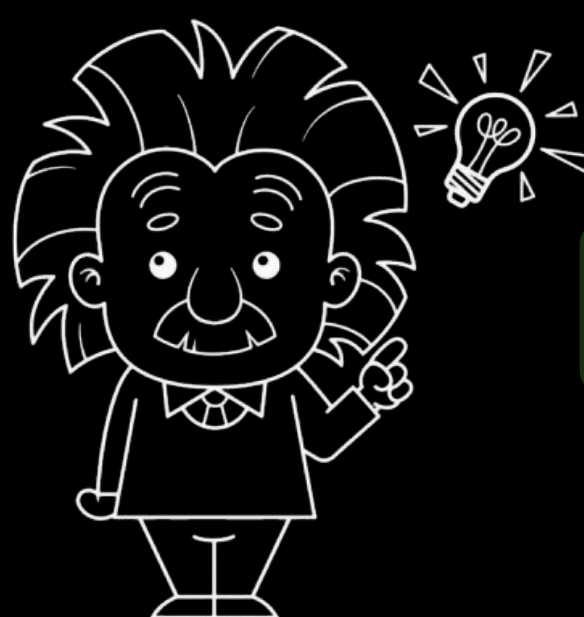
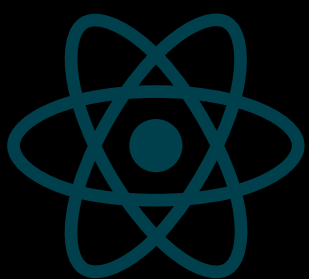


# Automated API Documentation Generator



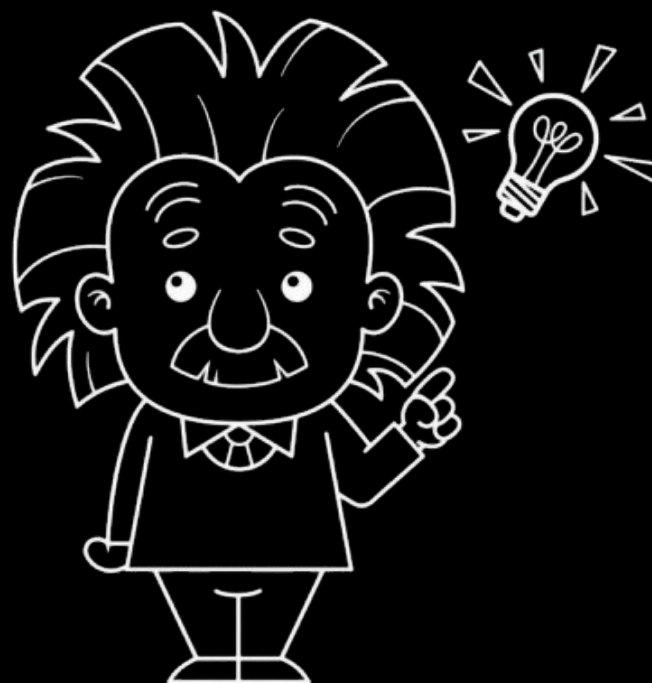
**Maintaining accurate and up-to-date API documentation is a challenging and time-consuming task, often leading to inconsistencies between the documentation and the actual code. There is a need for a solution that can automatically track changes in the backend and generate updated documentation seamlessly, eliminating manual effort.**

**This solution will ensure that documentation stays in sync with the backend, providing clarity and consistency while saving time. It will enhance collaboration and make the APIs more accessible and understandable for all stakeholders**



## Open innovation

**Organizations need a platform that allows participants to bring their own ideas and provides the necessary support, resources, and collaboration opportunities to develop these ideas into impactful solutions, while ensuring fair recognition and ownership.**



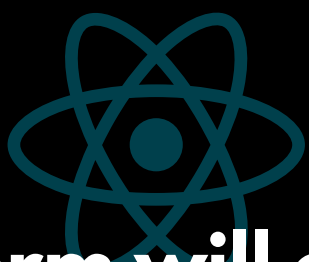
# Ultra-Secure Chat Platform Using PGP

In today's digital age, private communication is under constant threat from eavesdropping, data breaches, and surveillance. Existing chat platforms often fall short in providing extreme security due to weak encryption or centralized architectures.

The goal is to build a secure chat platform leveraging Pretty Good Privacy (PGP) to ensure end-to-end encryption, message authenticity, and data integrity. The platform will prioritize:



- **Strong encryption:** Messages encrypted with PGP public keys.
- **Authentication:** Sender identity verified via digital signatures.
- **Privacy-first design:** No plaintext storage or metadata leaks.
- **Ease of use:** Simplified key management for all users.
- **Decentralization:** Minimal reliance on central servers.



This platform will combine robust PGP encryption with user-friendly design to redefine secure communication for everyone.

