

ED - CRED



Problem Statement



Lack of value on certifications and achievements from technical co-curricular activities.

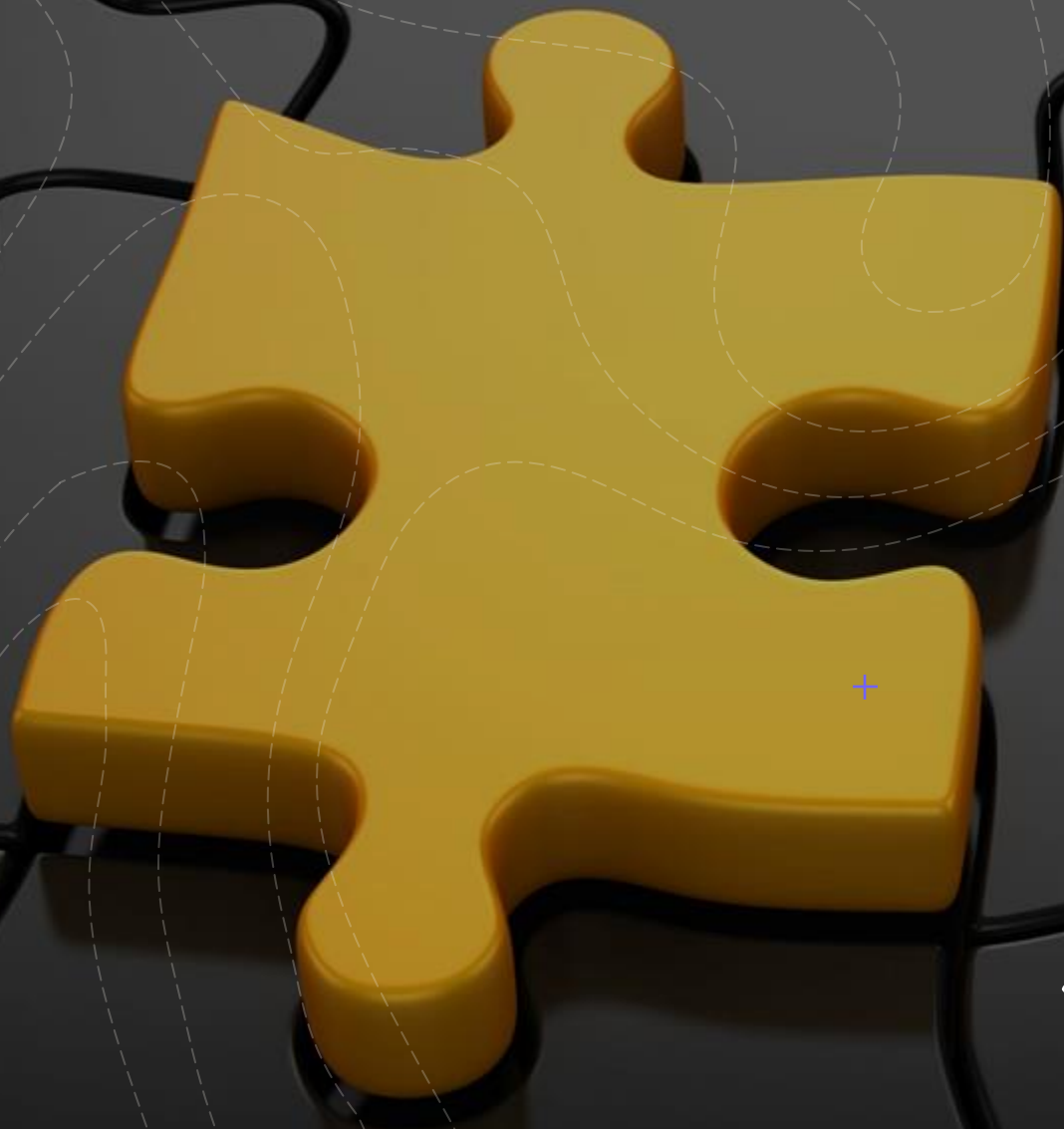


Prioritization of grades over practical knowledge.



Absence of **freelancing and open-source contribution** culture among college students due to perceived time wastage.





Solution

Permissioned blockchain-based credit system:



Accurately tracks students' participation and achievements in technical activities.



Provides transparency and credibility to the credit system.



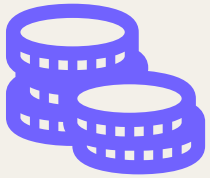
User-friendly website:

Effectively communicates the benefits of the credit system to students.

Motivates student engagement by showcasing the advantages of participation.



Token allocation criteria and review processes:

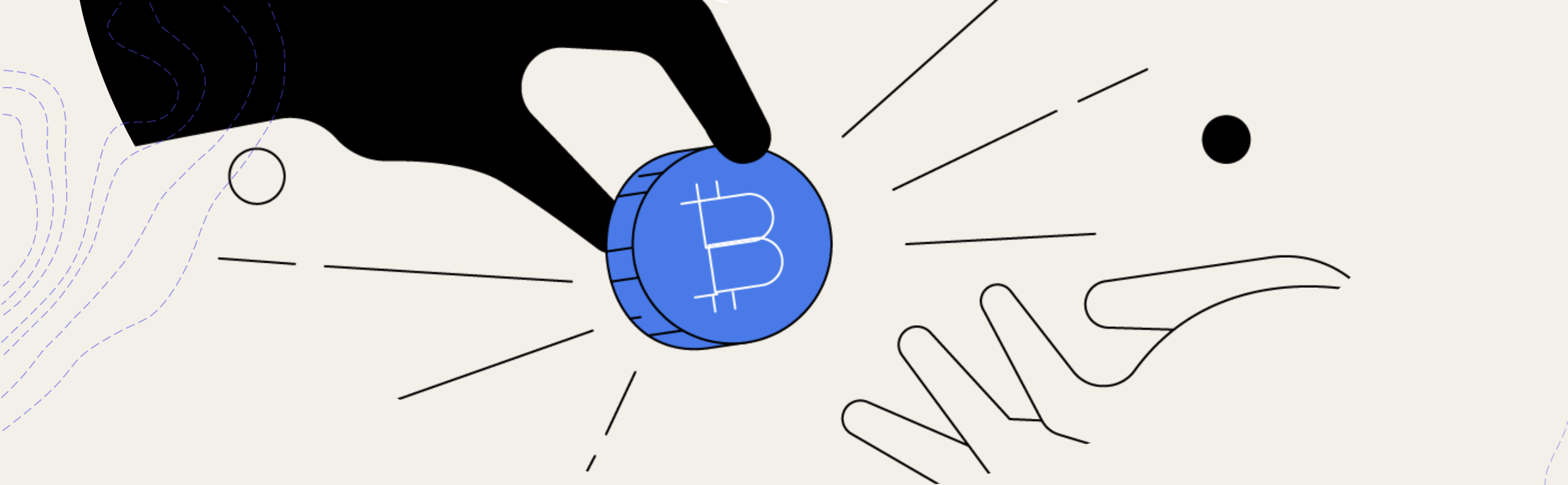


Evaluates and authorizes
tokens based on project
quality and complexity.



Ensures fair distribution of
tokens to deserving
participants.





Secure and efficient token transfer mechanism:



Facilitates peer-to-peer
transactions within the
credit system

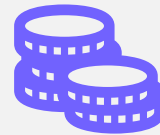


Exchange of tokens

Integration with the university's student management infrastructure:



Integrates the credit system seamlessly into existing systems.



Establishes a marketplace for token-based transactions, fostering a dynamic ecosystem.



Why Blockchain?



Transparency
and immutability



Enhanced
security



Authenticity and
verifiability



Transferability
and portability



Automation and
efficiency



Incentivization
and motivation



Non-repudiation

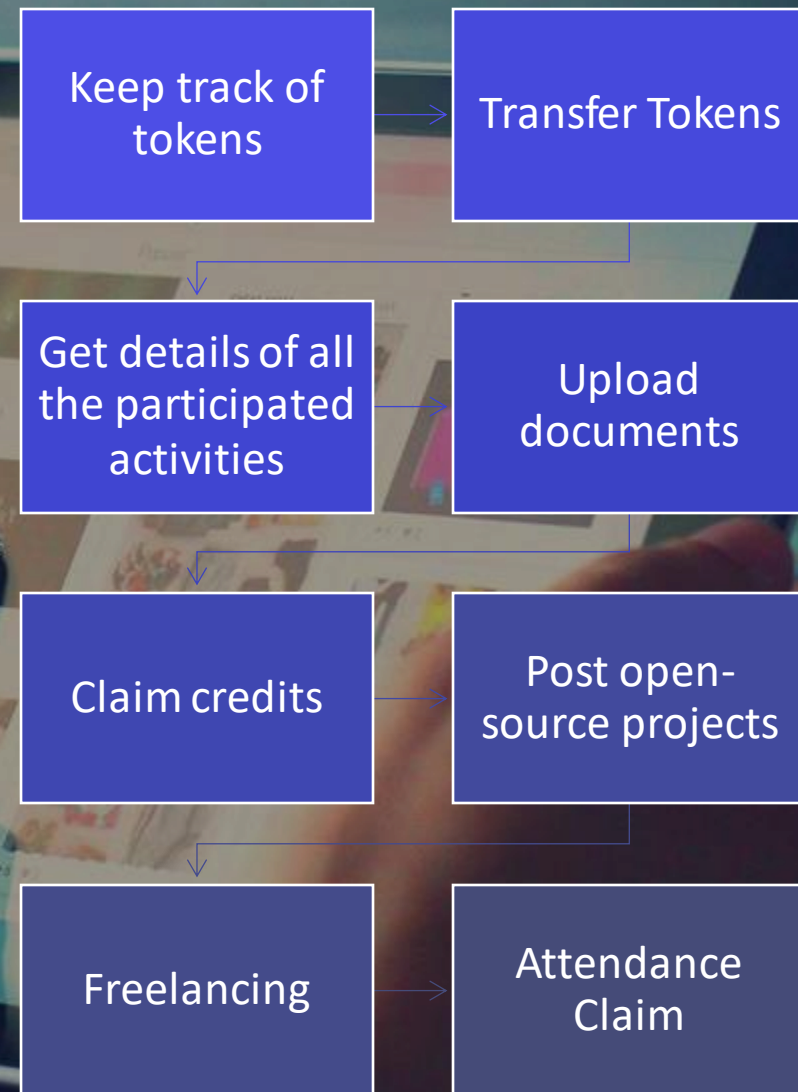


Global
accessibility



Features

Website (Students)



Website (Authority)

1

Verify certificates

2

Approve
transaction

3

Exchange tokens
for academic
credits

4

Allocate tokens

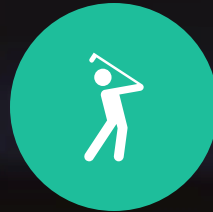
Mobile Application



Keep track of tokens



Transfer Tokens



Get details of all the participated activities



Advantages



Recognition and validation of participation



Practical knowledge acquisition



Opportunities for freelancing



Fair and equitable treatment



Motivation and engagement



Community building



Enhanced learning experience



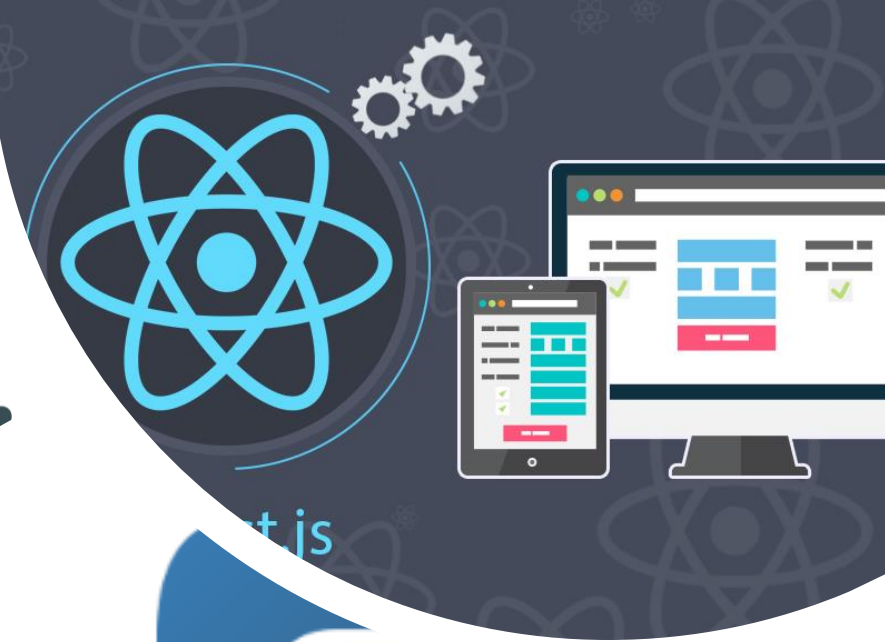
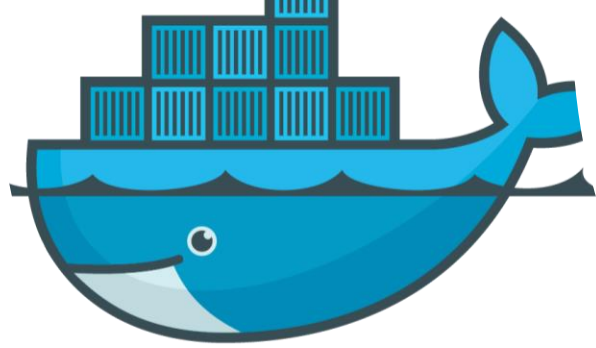
Technology used

MySQL

django

Flutter

Flask
web development,
one drop at a time



Who is interested in
joining us?

