

Secure Your Future
One Block at a Time.

HAUthentiCred

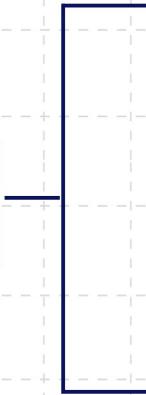
User Manual

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CS401 | Blockchain

HAuthentiCred is a credential management platform that securely handles academic credentials using blockchain technology. Users can connect their MetaMask wallet, set up profiles, and manage credentials, either as students or professor.

USER TYPES



Professors

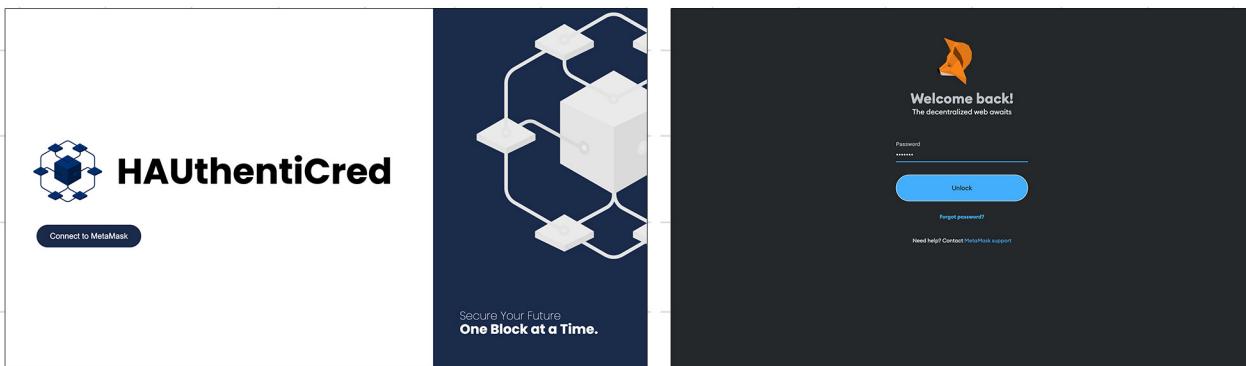


Students

Introduction

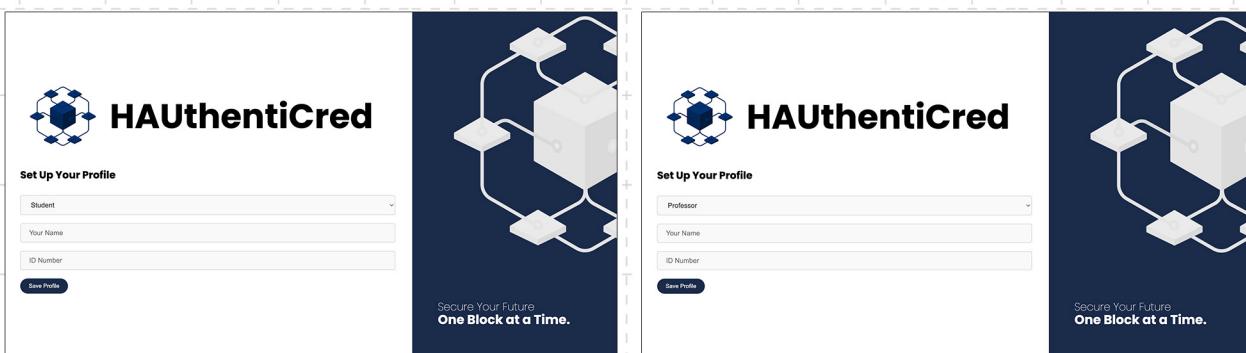


I. Connecting Metamask Wallet



Connect your MetaMask wallet using the "**Connect to MetaMask**" button.

II. Profile Setup : Student and Professor



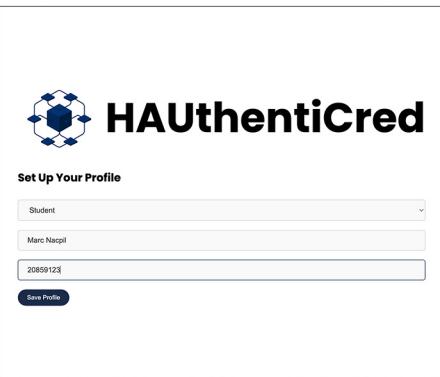
Choose your user type (**Student or Professor**) and complete your profile setup.

HAuthentiCred Portal Guide



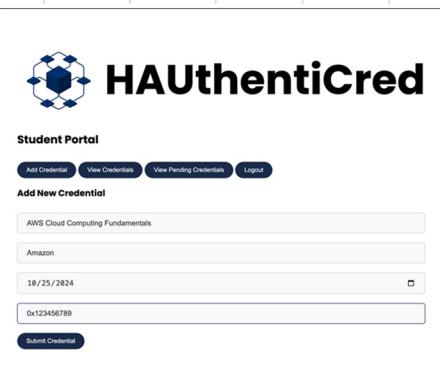
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III. Student's Credential Submission Workflow



1. Initial Profile Setup

Students create their account and enter basic information.

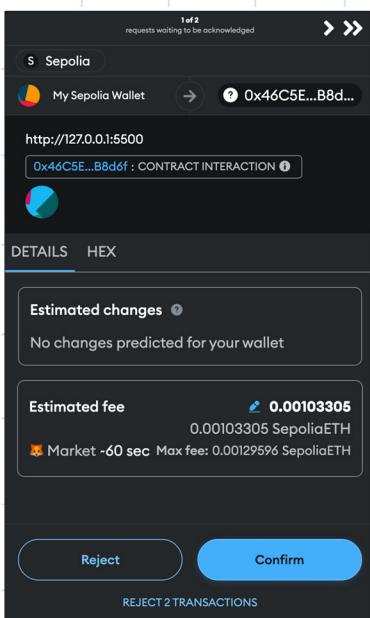


2. Credential Upload

Students input their credential details and documentation



III. Student's Credential Submission Workflow



3. Blockchain Transaction

The System generates a secure transaction receipt.

The HAAuthentiCred Student Portal interface. On the left, there's a sidebar with "Student Portal" and links for "Add Credential", "View Credentials", "View Pending Credentials", and "Logout". Below that is a form for "Add New Credential" with fields for "Credential Name", "Organization", "mm/dd/yyyy", "IPFS Hash", and a "Submit Credential" button. On the right, there's a large graphic of a blockchain network with the text "Secure Your Future One Block at a Time.".

4. Pending Status

Credential awaits professor verification.

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Portal Guide



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IV. Professor's Credential Verification Workflow

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Set Up Your Profile

Professor
Regine Keele
987123402

Save Profile



1. Professor Authentication

Secure login and profile setup for verifiers.

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Professor Portal

Pending Verifications

Student	Credential Name	Organization	Date Issued	Action
0x46C5fe0c3882fE38De34bbcAECb295832ffB8d8f	AWS Cloud Computing Fundamentals	Amazon	10/25/2024	Accept Reject
0x46C5fe0c3882fE38De34bbcAECb295832ffB8d8f	AWS Cloud Computing Fundamentals	Amazon	10/25/2024	Accept Reject

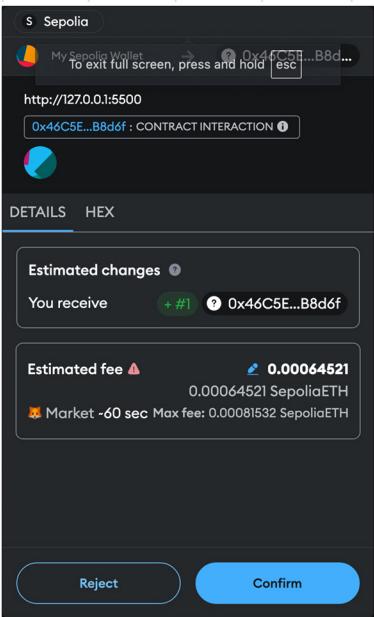


2. Credential Review

Interface for reviewing pending student credentials.



IV. Professor's Credential Verification Workflow



3. Blockchain Transaction

The System generates a secure transaction receipt.



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Professor Portal

[View Pending Verifications](#)
[View Verified Credentials](#)
[Logout](#)

Student	Credential Name	Organization	Date Issued	Action
0x46C5Ea0c3882fE38De34bcbAECb295832ff8d5f	AWS Cloud Computing Fundamentals	Amazon	10/25/2024	Accept Reject

Student	Credential Name	Organization	Date Issued
0x46C5Ea0c3882fE38De34bcbAECb295832ff8d5f	AWS Cloud Computing Fundamentals	Amazon	10/25/2024

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4. Status Update

Confirmed credentials appear in the verified list.

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V. Student's Verified Credentials Dashboard



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Student Portal

Add Credential View Credentials View Pending Credentials Logout

Add New Credential

Credential Name

Organization

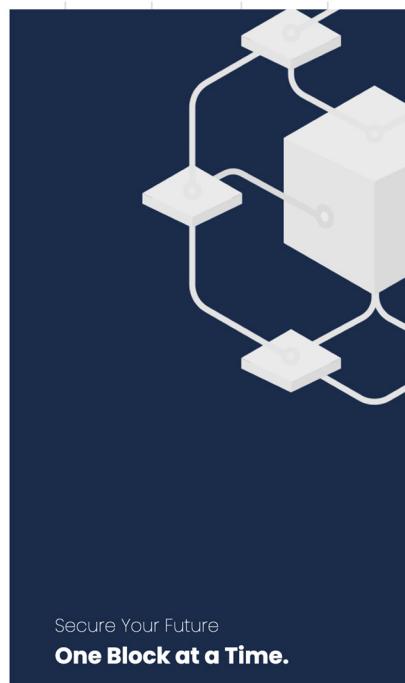
mm/dd/yyyy

IPFS Hash

Submit Credential

Your Credentials

Name	Organization	Date Issued	Status
AWS Cloud Computing Fundamentals	Amazon	10/25/2024	Accepted



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