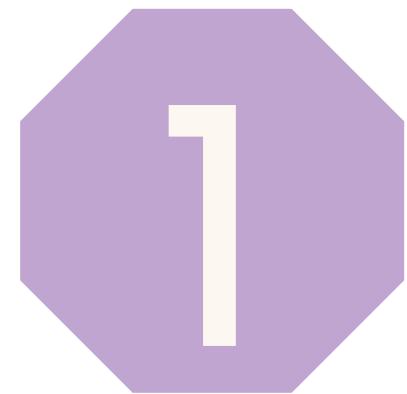


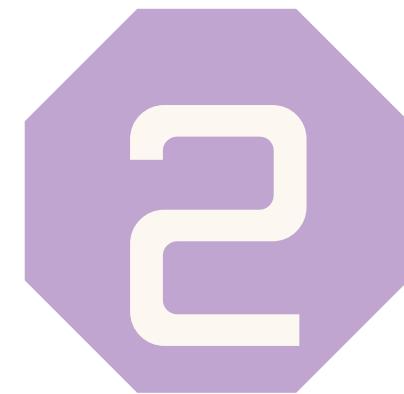
# CREDI MANAGER

***- SECURE SHARING OF STUDENT'S CREDENTIALS -***

# TABLE OF CONTENT



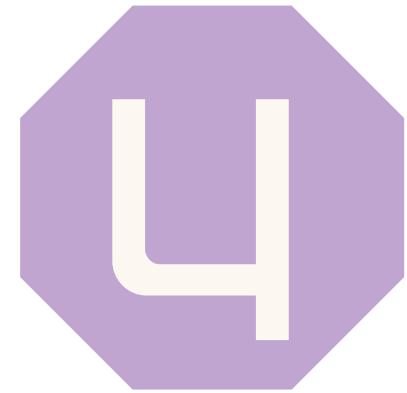
**INTRODUCTION & PROBLEM  
STATEMENT**



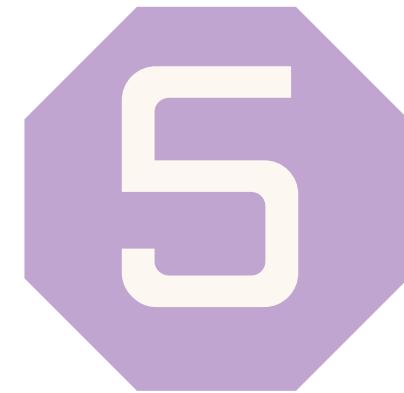
**MOTIVATION**



**LITERATURE REVIEW**



**GAPS & SCOPE**



**IMPLEMENTATION**



**DEPLOYMENT**



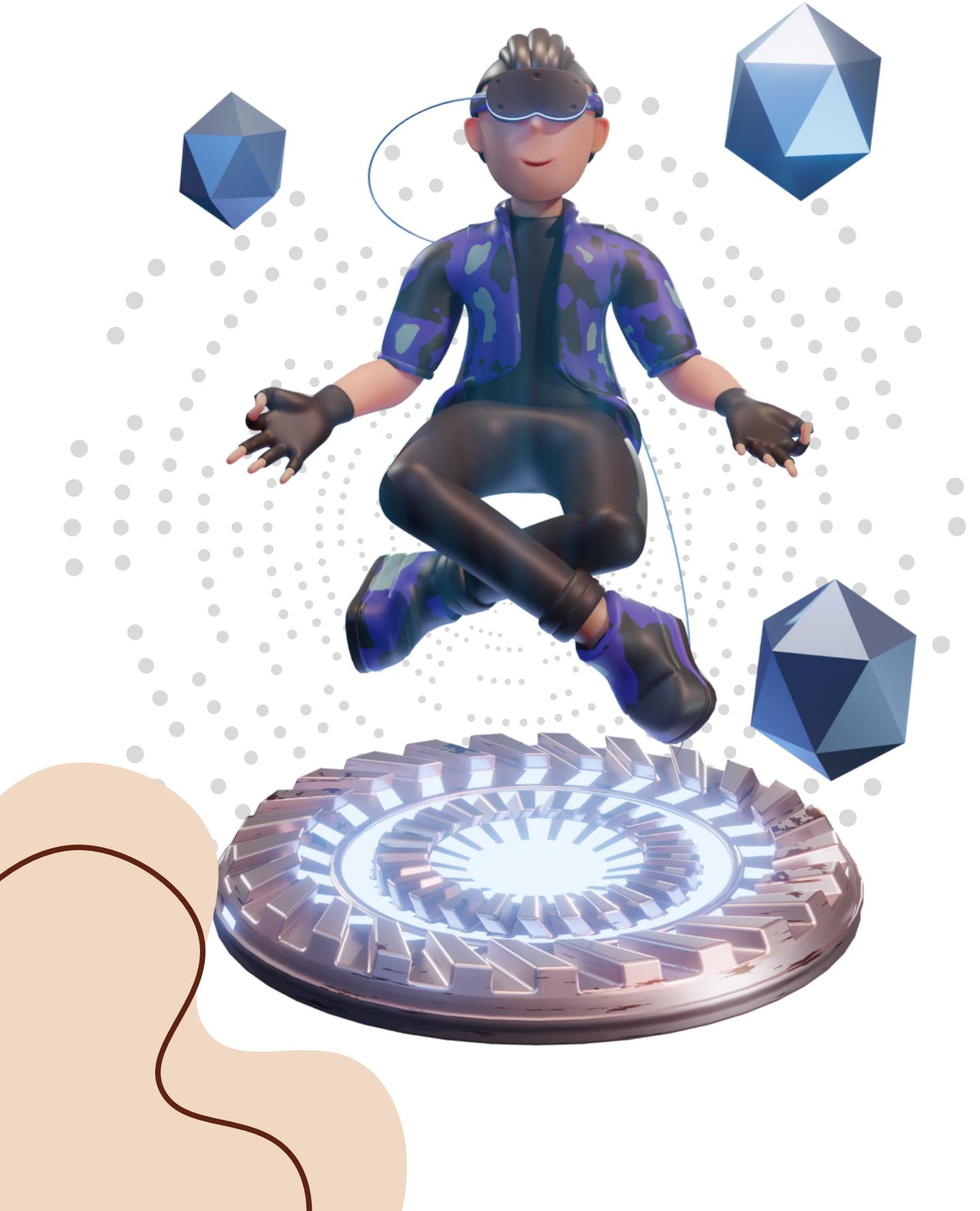
# **INTRODUCTION**

**THERE ARE CERTAIN DOCUMENTS IN A LIFETIME WHICH ARE ESSENTIAL WHEN A SEARCH OF A PROFESSIONAL CAREER SUCH AS DEGREE CERTIFICATES, TRANSCRIPTS, LETTER OF RECOMMENDATIONS, INTERNSHIPS AND TRAINING CERTIFICATES, ETC.**



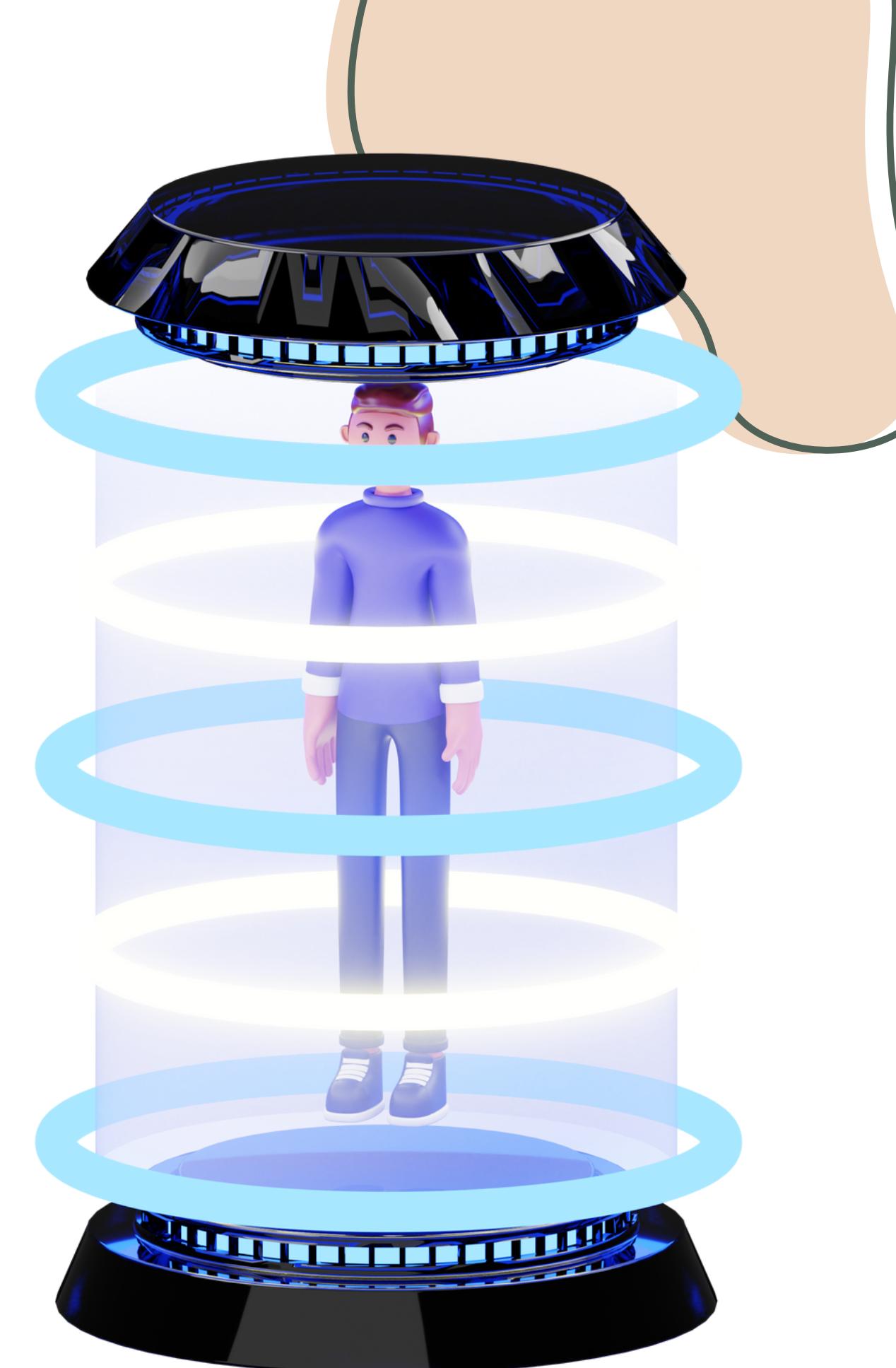
# PROBLEM STATEMENT

THE VERIFICATION PROCESS OF THE CREDENTIALS ISSUED BY INSTITUTIONS IS TIME-CONSUMING, COSTLY, AND VERY TEDIOUS. IF AN APPLICANT ISSUES THESE CREDENTIALS BY THEMSELVES, IT STILL REQUIRES TO BE VERIFIED BY THE COMPANIES FOR ITS CREDIBILITY.

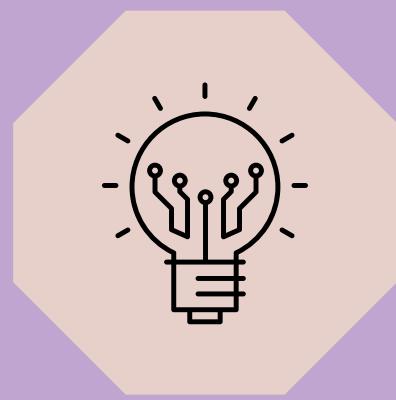


# MOTIVATION

- BLOCKCHAIN DOESN'T STORE ANY INFORMATION IN A CENTRAL LOCATION INSTEAD IT COPIES AND SPREADS ACROSS A WHOLE NETWORK OF COMPUTERS.
- THERE HASN'T BEEN ANY PRODUCTION APPLICATION IN THE MARKET.



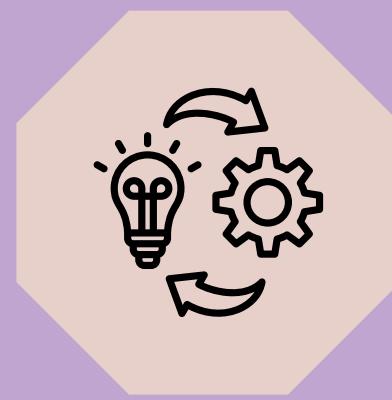
# PROJECT TIMELINE



RESEARCH



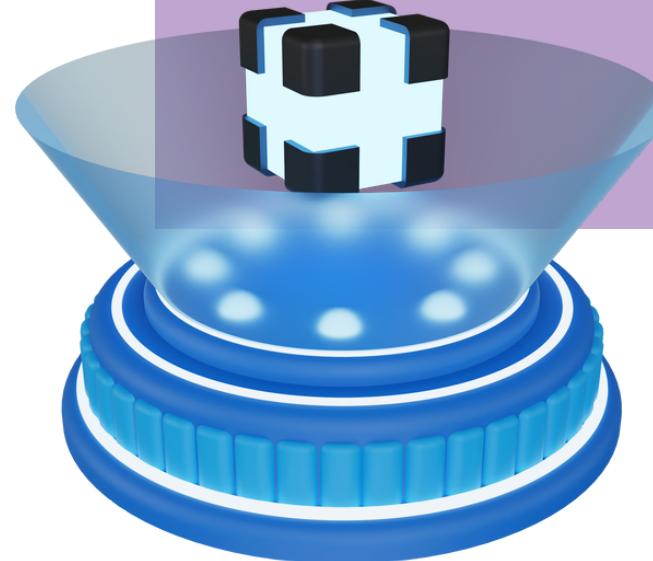
DESIGN



IMPLEMENTATION



DEPLOYMENT



# LITERATURE REVIEW



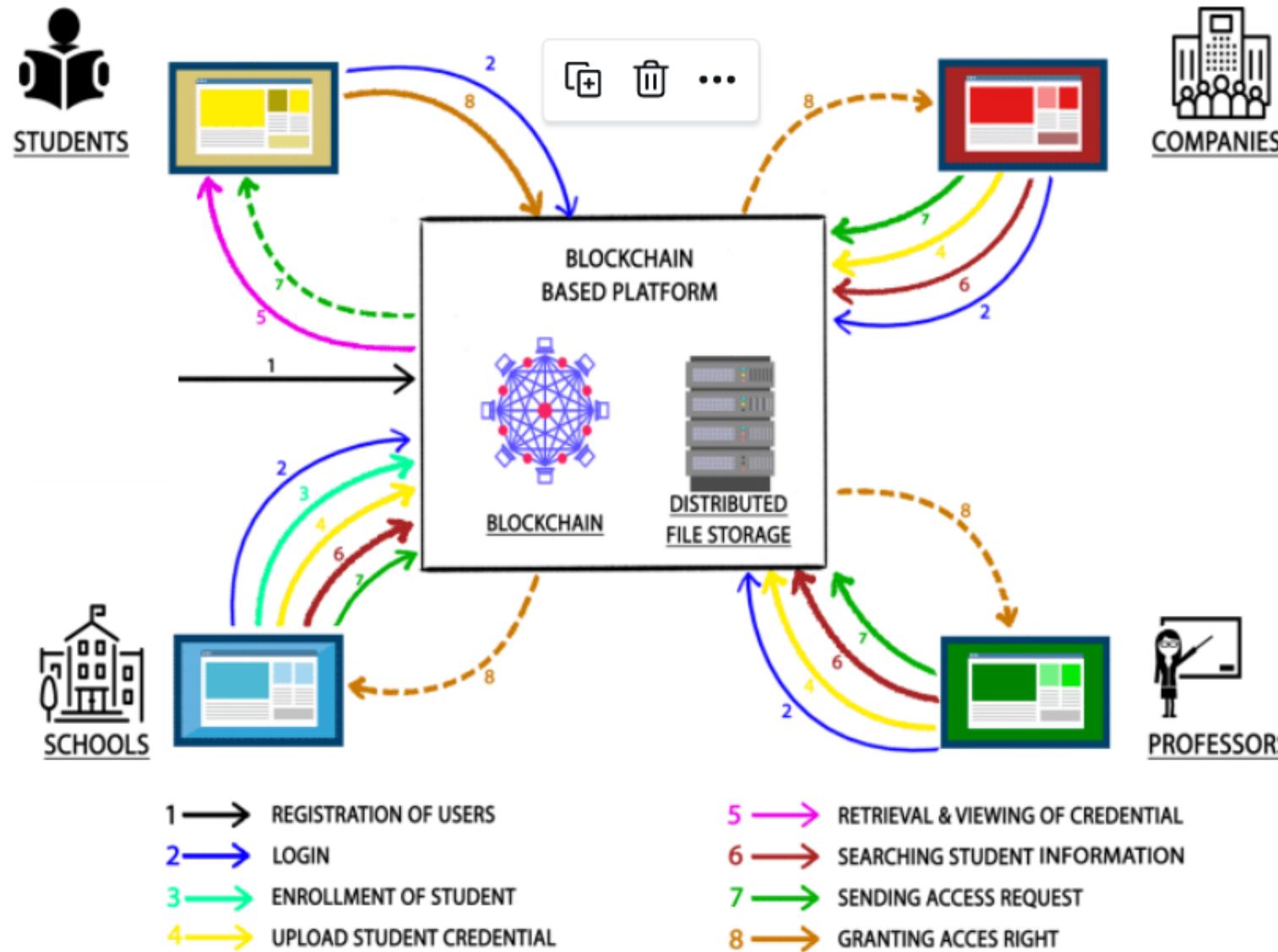
THERE HAVE BEEN A FEW STUDIES ON USING A BLOCKCHAIN-BASED ARCHITECTURE IN THE EDUCATION SYSTEM WHICH DICTATES THE BENEFITS AND CHALLENGES OF USING A BLOCKCHAIN-BASED CREDENTIAL ISSUING/SHARING SYSTEM THAT COULD BE EASILY ACCESSIBLE, VERIFIABLE, FASTER, AND COST-EFFECTIVE. HOWEVER, THESE SYSTEMS WERE PROPOSED FOR INDIVIDUAL SCHOOLS.

# LITERATURE REVIEW



SOME OF THE RECENT PAPERS HAVE PRESENTED THE BENEFITS AND THE CHALLENGES OF USING BLOCKCHAIN TECHNOLOGY IN EDUCATION. HOWEVER, THERE IS STILL A NEED TO DESIGN A WORKING PROTOTYPE OF STUDENT-CREDENTIAL SHARING PLATFORM WHICH CAN OFFER SERVICES FOR ALL THE STAKEHOLDERS IN THE EDUCATION ECOSYSTEM.

# GAPS & SCOPE

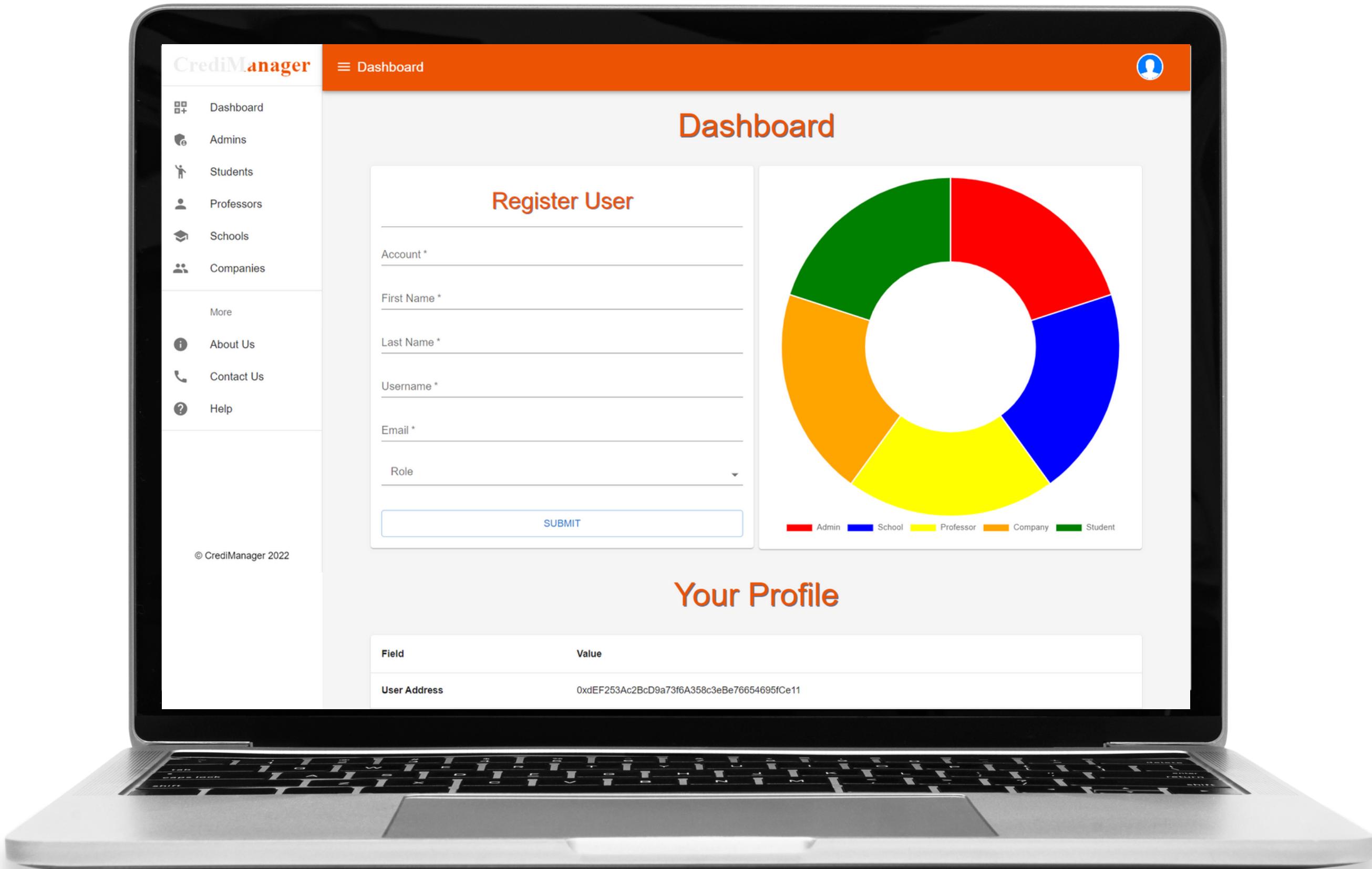


- EXISTING SYSTEMS ARE PROPOSED ONLY FOR INDIVIDUAL STAKEHOLDERS.
- MOST OF THE PROPOSED SYSTEMS DO NOT CONSIDER COMPANIES AS STAKEHOLDERS.
- DECENTRALIZED STORAGE OF CREDENTIALS.
- THERE HASN'T BEEN ANY PRODUCTION APPLICATION IN THE MARKET.



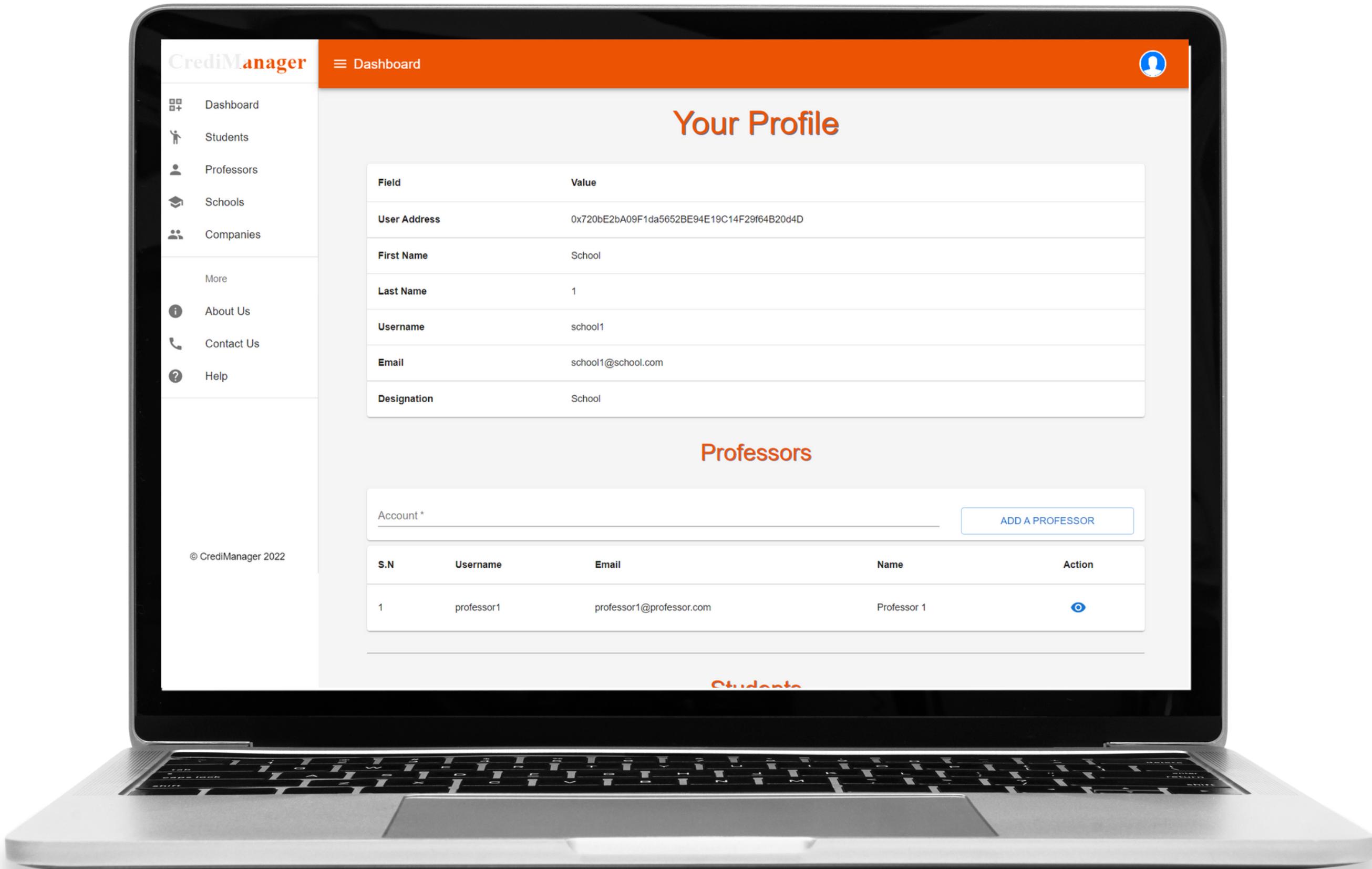
# IMPLEMENTATION

## Admin's Dashboard



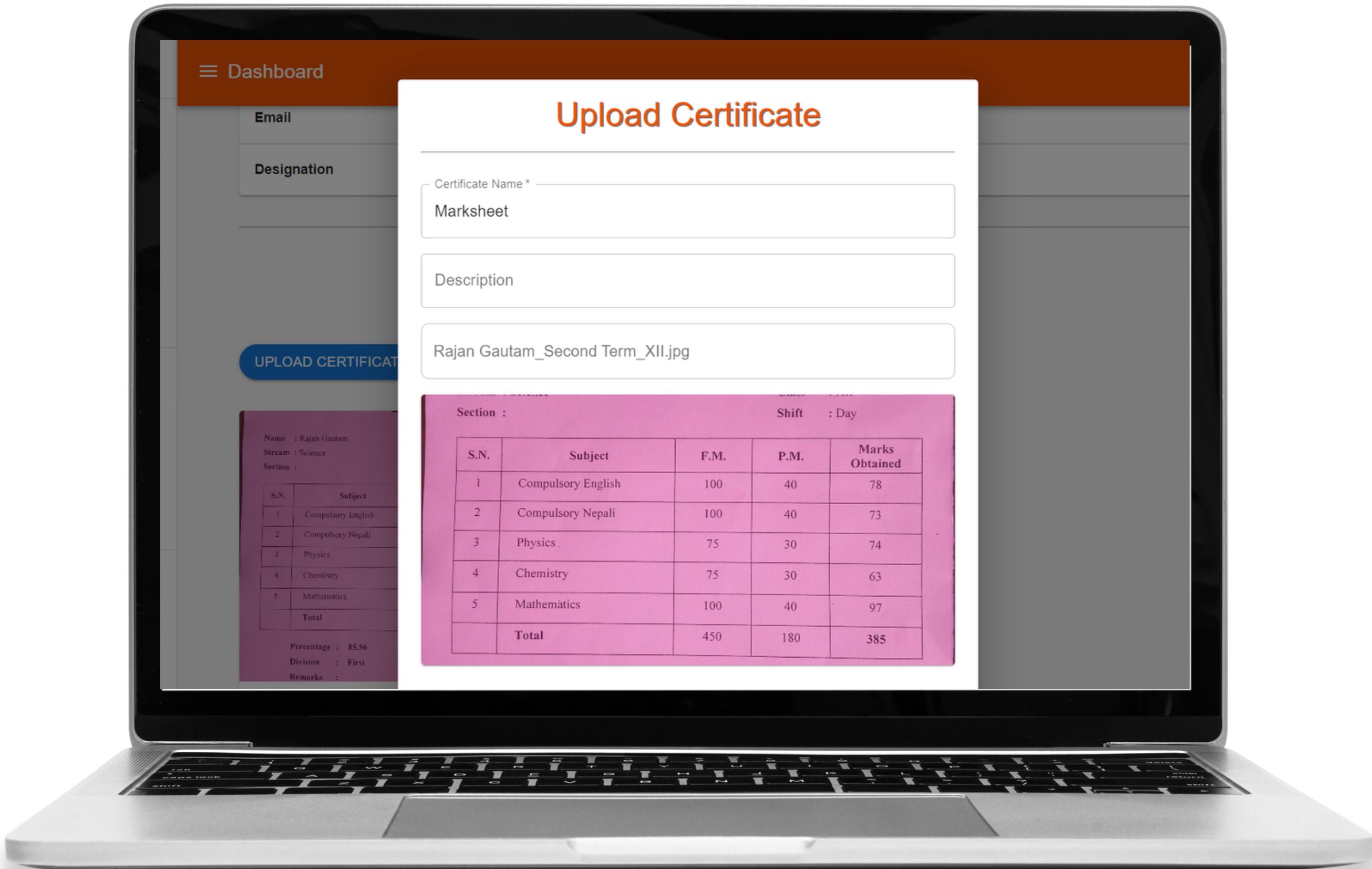
# IMPLEMENTATION

# School's Dashboard



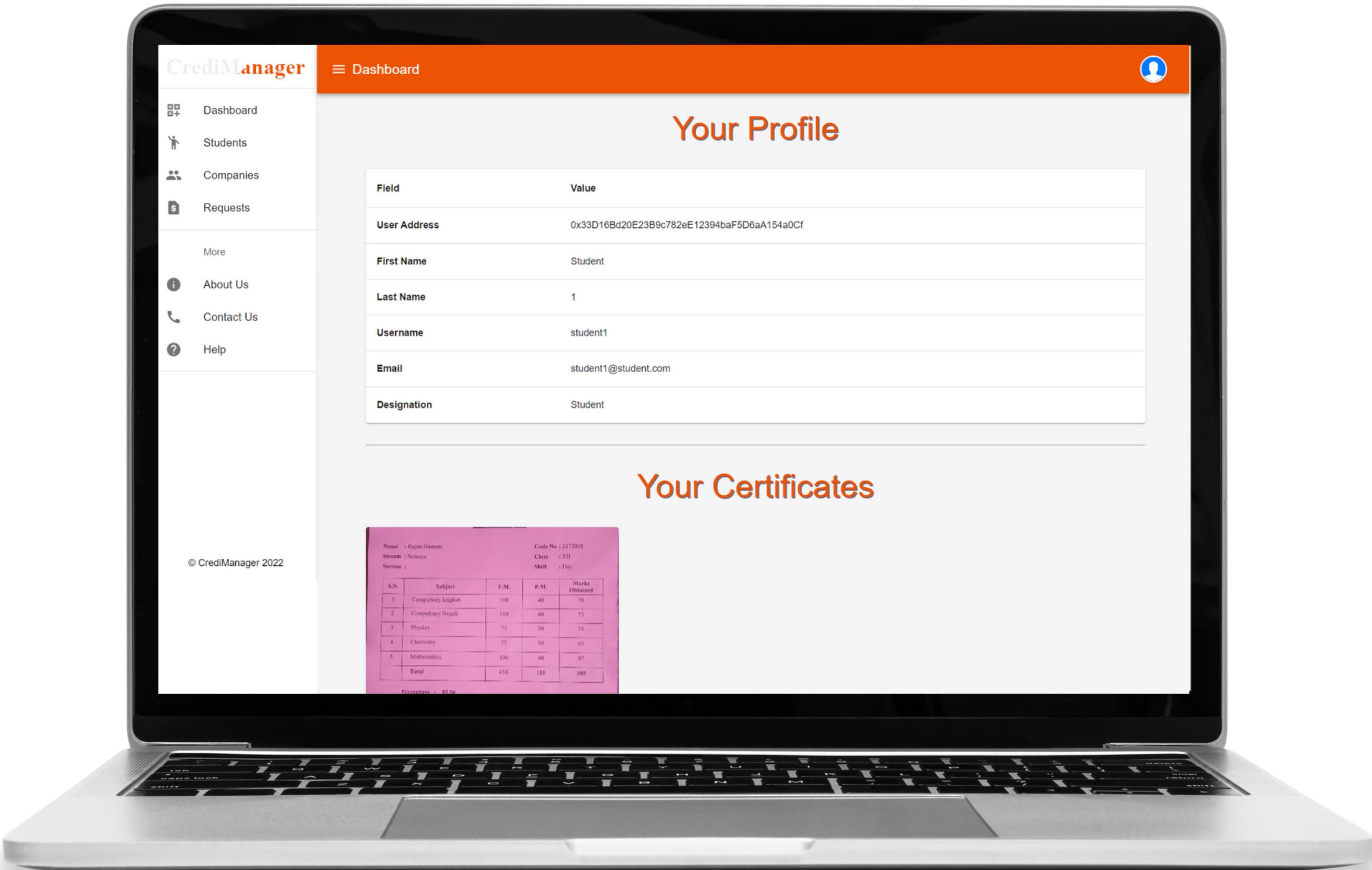
# IMPLEMENTATION

# School's Dashboard



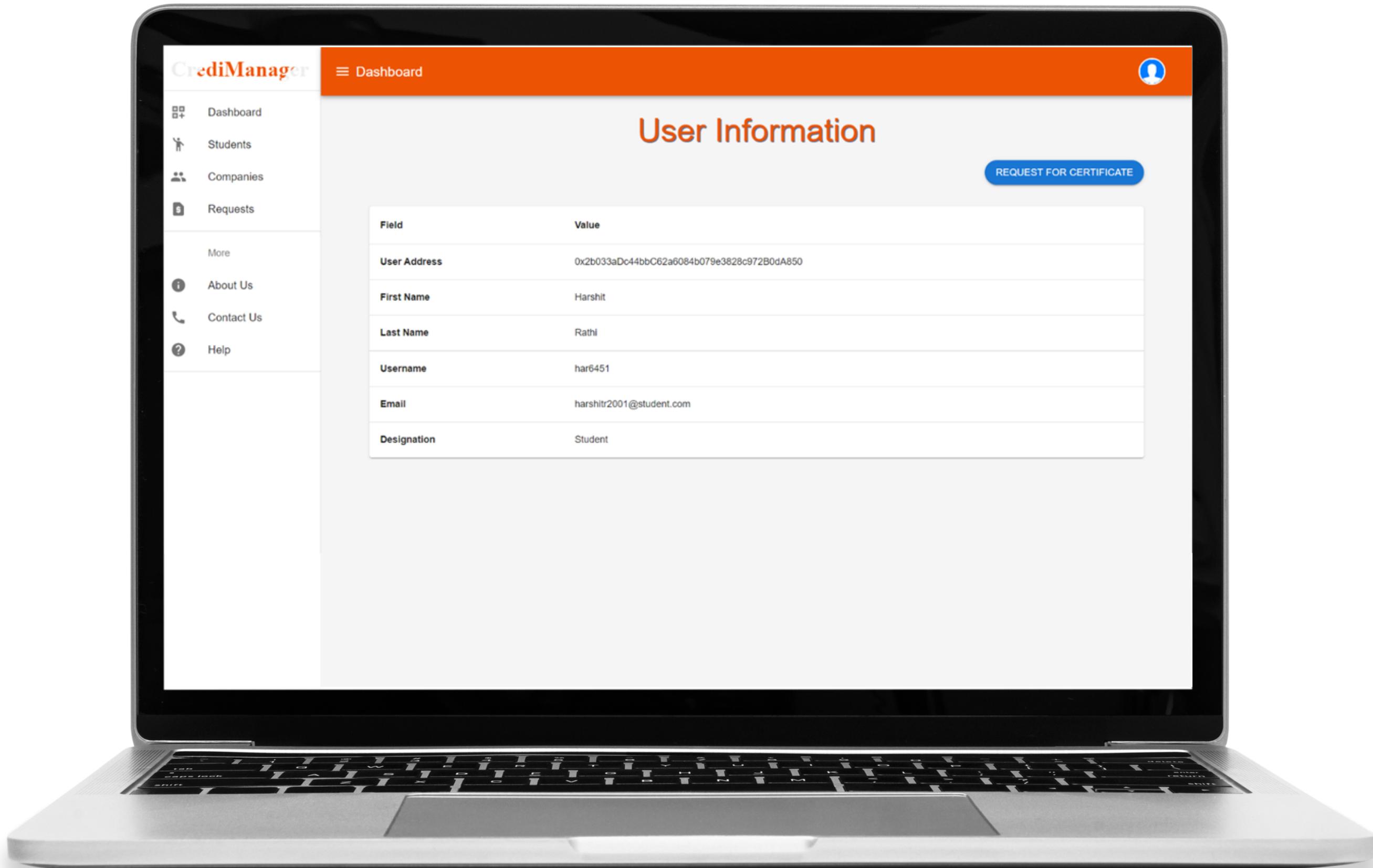
# IMPLEMENTATION

# Student's Dashboard



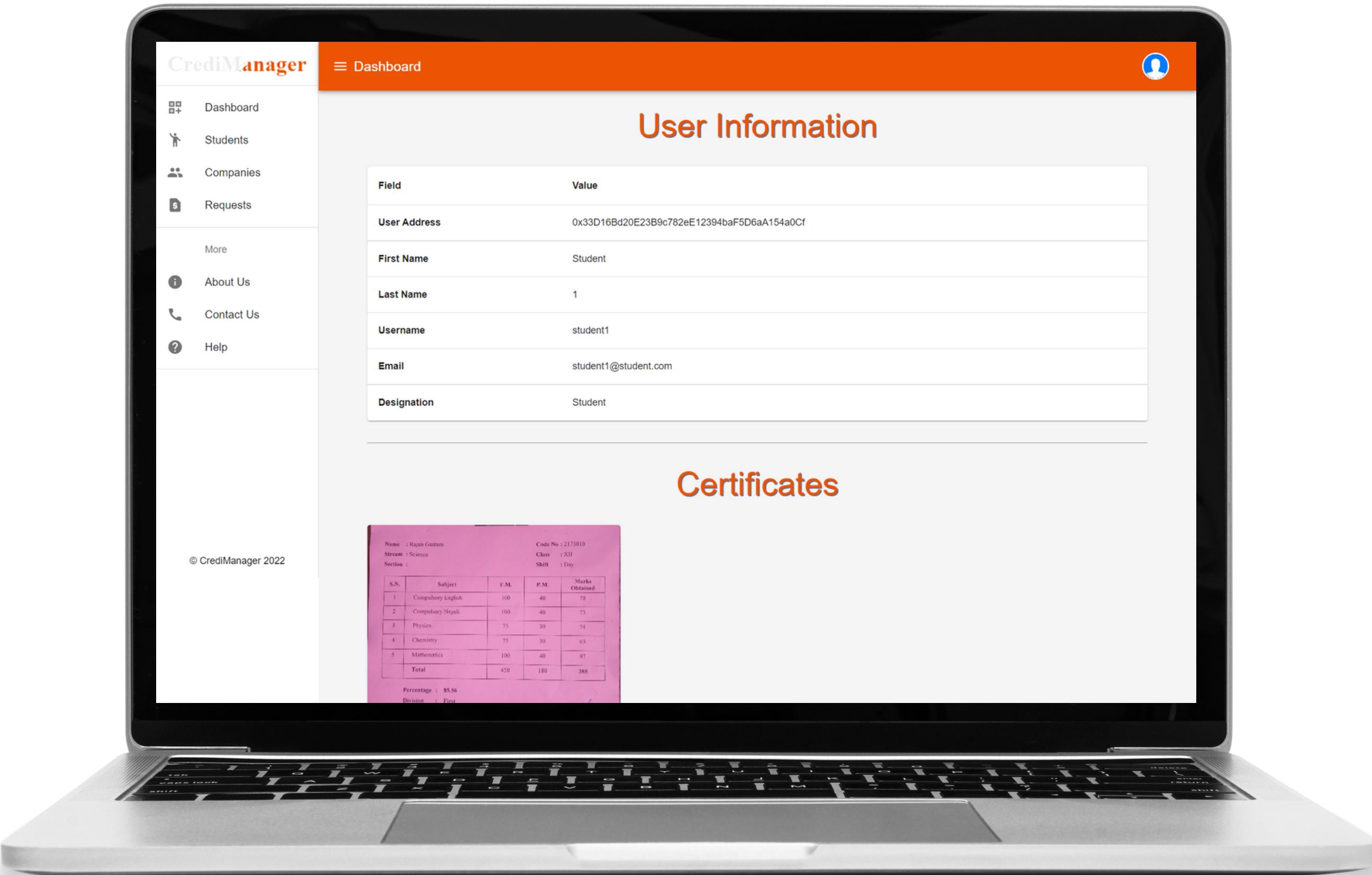
# IMPLEMENTATION

# Company's Dashboard



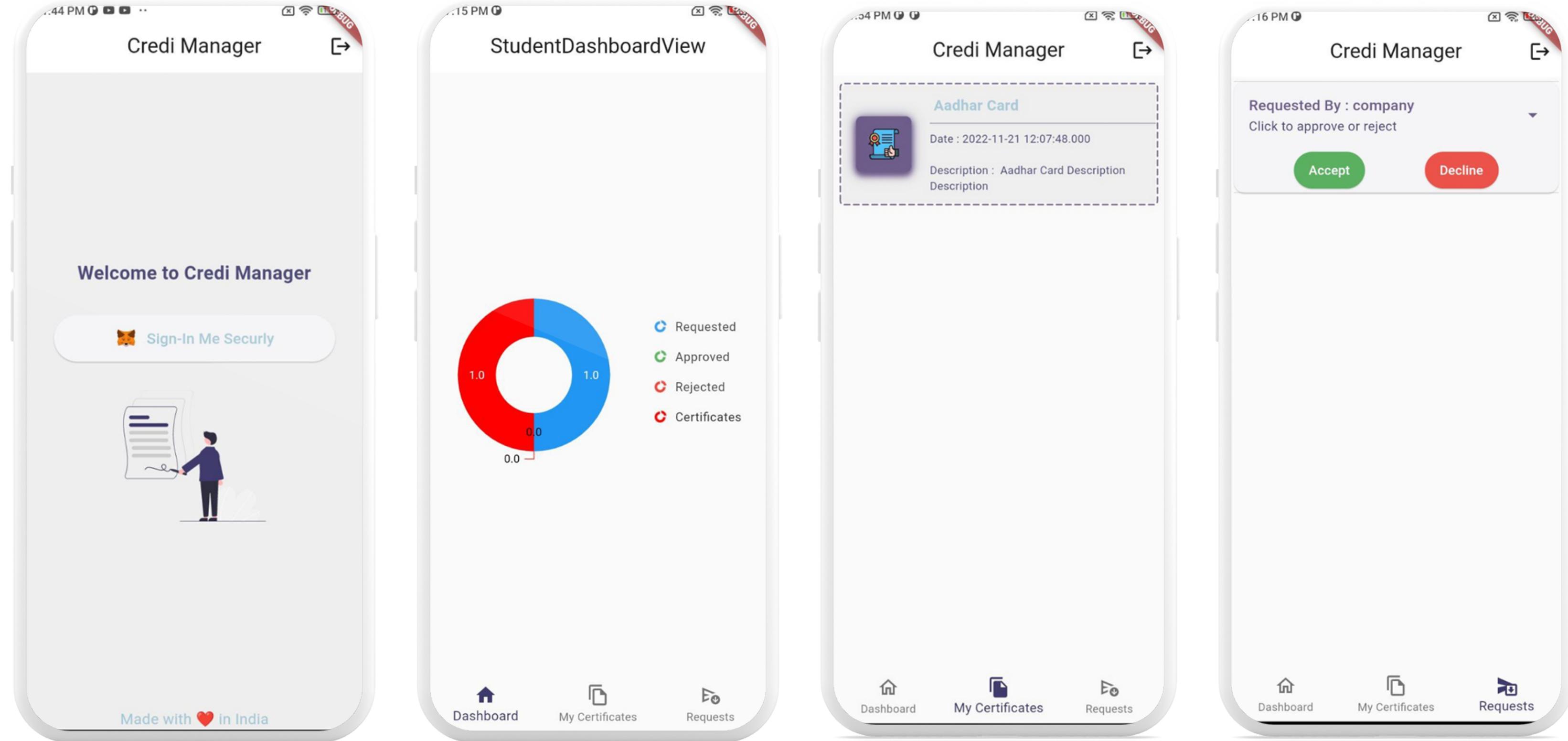
# IMPLEMENTATION

# Company's Dashboard



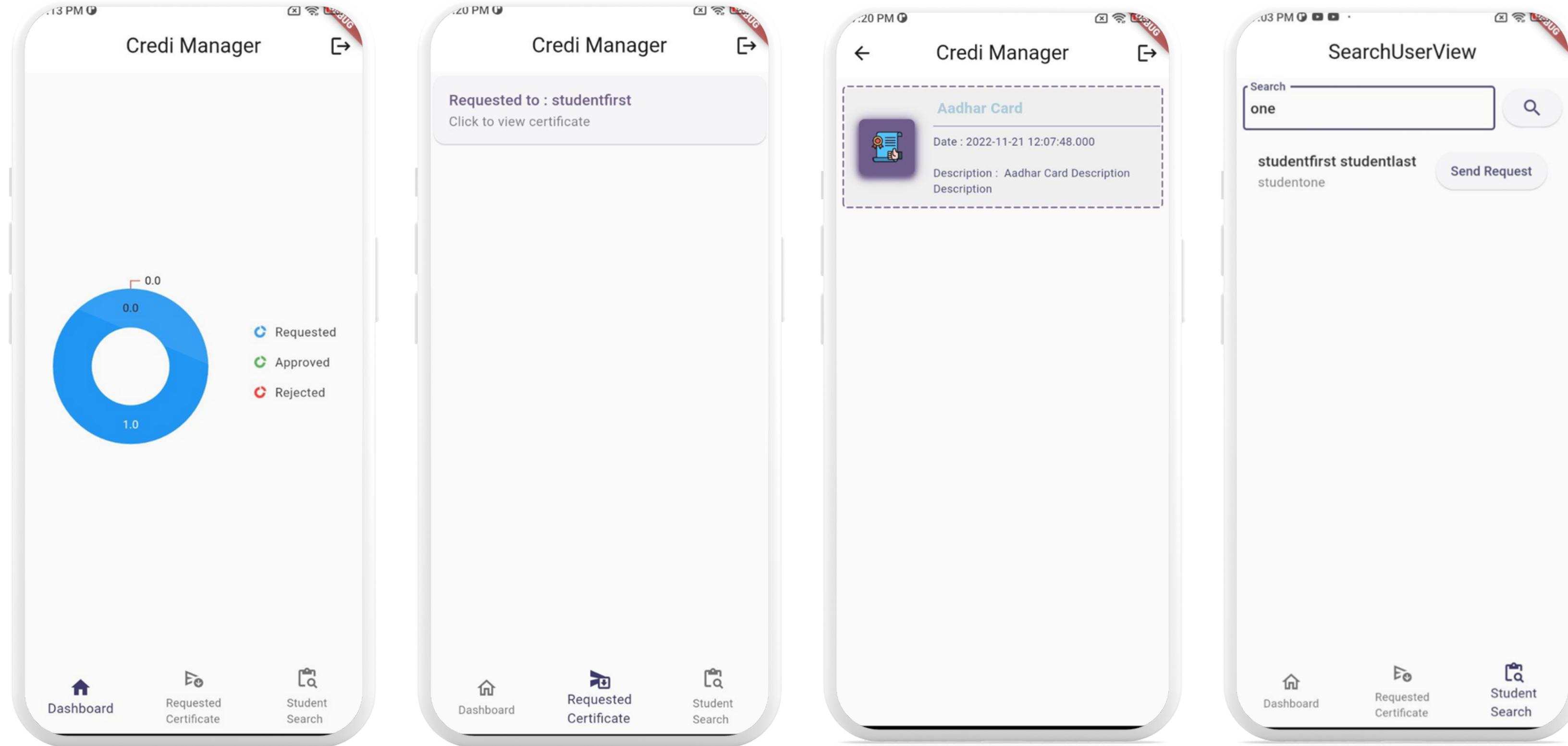
# IMPLEMENTATION

## Student's Dashboard



# IMPLEMENTATION

# Company's Dashboard



# DEPLOYMENT

## Codebase:

Web Application: <https://github.com/rgautam320/CrediManager>

Mobile Application: <https://github.com/KunjKanani/CrediManager>

## Web Application:

Vercel: <https://credi-manager.vercel.app>

Docker Hub: <https://hub.docker.com/repository/docker/rgautam320/credi>

# MEET OUR TEAM



**KUNJ KANANI**

Mobile App and Blockchain  
Developer



**RAJAN GAUTAM**

Web App and Blockchain  
Developer

# Thank You