

**CHARIX**

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## **1. Executive Summary**

Charix is a groundbreaking blockchain initiative dedicated to fostering community development by empowering creative talent. This innovative platform addresses a critical gap in the art and creative industries, providing artists with access to decentralized funding mechanisms. By providing opportunities for creators to secure financial support, Charix helps sustain artistic contributions and prevents the suppression of talent.

By giving transparency, security, and decentralization of blockchain technology, Charix creates a fair ecosystem where artists can showcase their skills, connect with supporters, and receive funding without interference of third party. This idea helps in community development and economic empowerment through art.

Charix is not just a blockchain project—it is a catalyst for positive change, enabling creators to thrive in a world where talent deserves recognition and support.

## **2. Problem Statement**

The problem Charix is solving is the lack of access to funding and recognition for artists, particularly those in unrecognized or underprivileged communities in LPU

## **3. Problems in Traditional Platforms**

Traditional platforms for artists, such as galleries, funding institutions, and streaming services have many issues. These issues include:

### **1. High Intermediary Costs**

- Students or artists in the LPU usually have to pay large cost to third parties for getting funds.

- Due to these expenses, artists sometimes get suppressed and hence face problems while growing.

## 2. Lack of Transparency

- Traditional platforms often operate without clear and transparent mechanisms for distributing funds or revenue.
- This produces lack of trust in community.

## 4. Unique Selling Proposition (USP) for LPU Artists

Charix is the first-of-its-kind blockchain platform made specifically for LPU artists, providing a seamless ecosystem to showcase their talent, secure funding, and connect with a global audience—all while operating directly from their campus.

### Why Charix is Unique for LPU Artists:

#### 1. Campus-Specific Support

Designed to cater to LPU's growing artist community, Charix offers features and initiatives aligned with the needs and aspirations of student creators.

Personalized onboarding and mentorship programs empower LPU students to kickstart their creative journey.

#### 2. Decentralized Funding Opportunities

LPU artists can directly raise funds for their creative projects without relying on intermediaries.

Transparent, blockchain-powered transactions ensure artists receive their fair share without hidden fees or cuts.

### **3. Showcase Beyond Campus Boundaries**

Charix provides LPU artists with a platform to present their art to a global audience, expanding their reach and opportunities.

Tokenization and NFTs enable artists to keep a track of their work in a unique way, making their art accessible to supporters worldwide.

### **4. Exclusive Community Features**

A place where innovators can come and help each other to build a strong in campus community.

### **5. Skill Development and Career Growth**

Workshops, webinars, and blockchain education specifically made for LPU artists to build technical and entrepreneurial skills.

#### **The Charix Advantage for LPU Artists:**

Charix doesn't just fund art—it nurtures creativity, community, and careers. The platform supports LPU artists in growing as creators, entrepreneurs, and innovators. From now on, every developer has a way of promoting his carrier and get financial aid from the community.

By offering campus-specific features and tailored support, Charix will enable LPU artists to:

- Access decentralized funding options for their creative projects.

- Showcase their work to a global audience beyond campus boundaries.
- Build a network of supporters and mentors within and outside the university.
- Gain recognition for their talents without relying on traditional, restrictive platforms.

With its innovative platform, Charix aims to nurture the next generation of artists from LPU and help them transition from campus creators to globally recognized professionals.

Charix is not just a platform; it's a movement designed to uplift LPU's expanding community of artists. By using blockchain technology, Charix removes traditional obstacles to funding, recognition, and access, making sure every artist has the chance to succeed.

As we build a decentralized ecosystem, Charix not only uplifts individual creators but also contributes to the broader mission of community development. By supporting LPU's emerging talent, we are cultivating the next generation of changemakers who will redefine art, technology, and creativity.

Charix bridges the gap between vision and opportunity, ensuring that no talent at LPU goes unnoticed or unsupported. Together, we can unlock potential, inspire growth, and create a future where art thrives without limits

## 5. Technology Stack

Charix is built using the following technologies and frameworks: -

- **Blockchain:** Alephium
- **Front-End Development:** ThirdWeb, React.js, CSS3
- **Back-End Development:** Web3.js, IPFS, MongoDB

- **Smart Contracts:** Ralph.

## **Charix Roadmap for LPU Artists**

This roadmap outlines the key phases of development for Charix, focusing on empowering LPU artists by providing them with tools, funding opportunities, and a platform for creative growth. The journey will ensure that LPU artists are equipped to showcase their talent, connect with supporters, and thrive in a global community.

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### **Phase 1: Foundation and Planning (0–3 months)**

- **Research & Analysis:** Understand the unique challenges LPU artists face and tailor the platform's features to their needs.
  - **Partnerships with LPU:** Establish strong relationships with LPU's departments, faculty, and student organizations to integrate Charix into the campus ecosystem.
  - **Platform Design & Development:** Plan the user interface and experience, ensuring it's intuitive for artists to showcase their work and raise funds.
  - **White Paper and Branding:** Finalize the Charix white paper and create brand guidelines to communicate the project's vision clearly to students and potential investors.
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### **Phase 2: Prototype and Pilot (3–6 months)**



- **Beta Version:** Release a basic version of the platform with essential features like artist profiles, project submission, and blockchain-based funding.
  - **User Testing:** Onboard a select group of LPU artists to test the platform's usability, collecting feedback for improvements.
  - **Blockchain Integration:** Implement smart contracts and cryptocurrency wallets for secure, transparent transactions.
  - **Campus Awareness Campaign:** Launch a marketing campaign within LPU to inform artists about Charix and encourage early sign-ups.
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### Phase 3: Full Platform Launch (6–12 months)

- **Official Launch:** Open the platform to all LPU artists, allowing them to showcase their work, raise funds, and access a global audience.
  - **Community Building:** Foster a vibrant community of creators, mentors, and supporters, both on campus and online.
  - **Educational Resources:** Provide workshops, webinars, and tutorials to help artists understand blockchain, crowdfunding, and how to maximize Charix's features.
  - **Mentorship Programs:** Pair emerging LPU artists with industry mentors for guidance on both creative and entrepreneurial aspects.
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### Phase 4: Feature Expansion and Growth (12–18 months)

- **Advanced Features:** Introduce tokenization and NFT capabilities to allow artists to monetize their work in new ways.

- **Mobile App Launch:** Develop and release a mobile version of Charix, enabling artists to access the platform on the go.
  - **Global Artist Network:** Expand beyond LPU by bringing in artists from other institutions, creating a cross-campus network of creators.
  - **Partnerships with Industry:** Collaborate with art institutions, galleries, and brands to provide additional opportunities for LPU artists.
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### Phase 5: Scaling and Global Expansion (18–24 months)

- **International Reach:** Expand Charix to include artists from universities globally, creating a more diverse and extensive platform.
  - **Cross-Platform Integration:** Integrate with other creative platforms and digital marketplaces to provide additional exposure and sales opportunities for artists.
  - **Charix Token Launch:** Introduce a native Charix token that artists and supporters can use for transactions, rewards, and governance within the platform.
  - **Community-driven Development:** Begin introducing decentralized governance, allowing artists and supporters to vote on future platform changes.
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### Phase 6: Ecosystem and Sustainability (24+ months)

- **Sustainability Programs:** Launch initiatives to ensure the long-term growth of the platform, including reinvesting profits into social and environmental causes.

- **Decentralized Autonomous Organization (DAO):** Empower the Charix community to make collective decisions on platform development and funding priorities.
  - **Charix Global Events:** Host global creative events, competitions, and exhibitions, providing LPU artists with worldwide exposure.
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## **Long-Term Vision**

Charix aspires to become the leading platform for empowering young artists, starting with LPU and expanding globally. By continuously innovating and scaling, Charix will help foster a sustainable creative economy, ensuring artists are supported, valued, and celebrated—regardless of their background or location.

## **Team and Advisory Board**

Charix is a project led by team of passionate developers namely Iqbal Singh and Kaushik Raj.

Although we had little knowledge about block chain and web3, the mentors helped us alot with the problems that we encountered during building of this project. Mentor Mr. Shyam and Mr. Jesu helped us a lot during the process and we learnt many things by building such things.

## **Conclusion**

Charix is a revolutionary platform that empowers LPU artists by providing decentralized funding, global exposure, and community support. By using blockchain technology, Charix removes traditional barriers, offering artists the opportunity to showcase their talent, secure financial backing, and grow as creators. With a focus on transparency and inclusivity, Charix is helping the next generation of artists thrive in a world where creativity knows no limits.