



# MERZOL TECHNOLOGIES

Empowering Minds & Wallets



## INTRODUCTION

An EdTech & Blockchain startup combines decentralized blockchain technology with innovative educational tools to enhance learning experiences, secure academic credentials, and provide accessible, transparent education solutions globally.

## OUR MISSION

Empowering global education through AI Tools, secure, transparent, and decentralized blockchain solutions.

## OUR VISION

Revolutionizing education through AI Tools & blockchain technology by creating secure, transparent, and decentralized learning experiences for all.

# THE PROBLEM

## AI TOOLS

- **Approximately 1 billion learners worldwide use YouTube daily to acquire new skills.**
- **However, there is no efficient tool that simplifies the process of learning from video content.**
- **Despite the availability of free videos, users often struggle to utilize them effectively.**

### Key stats include:

- YouTube has over 2.5 billion monthly active users worldwide.
- A significant portion of these users engage with educational content such as tutorials, lectures, and courses. For example, surveys have indicated that over 50% of users visit YouTube to learn new skills.
- Channels like TED-Ed, Khan Academy, and CrashCourse have millions of subscribers dedicated to learning.

## BLOCKCHAIN

- **Protecting student data and personal information is crucial, and breaches can harm the reputation of the platform.**
- **Traditional educational institutions and online platforms issue degrees and certificates, but verifying their authenticity is a challenge.**
- **Current learning management systems (LMS) are centralized, giving control to specific entities and limiting transparency.**

# THE SOLUTION

## AI TOOLS

- Developed an AI-powered tool that automatically transcribes & summarizes, and organizes video content.
- Built a video-based search engine that uses AI to allow users to search for specific keyword within videos with timestamp, click on the timestamp to go directly to that point in the video.
- Integrating a community-driven feature where learners can discuss and collaborate on video content.

## BLOCKCHAIN

- Blockchain provides a decentralized method to store sensitive data, ensuring that it is secure and can only be accessed by authorized parties.
- Blockchain allows credentials to be stored in a tamper-proof, decentralized ledger. This makes it easy for employers or institutions to verify a student's qualifications without having to contact multiple entities.
- Implement a blockchain-based LMS where course data, credentials, and learning records are stored on a decentralized ledger. This would distribute control across all participants, ensuring that no single entity has exclusive authority over the system.

# COMPETITIVE ADVANTAGE

## OTHERS

- They provide the following services:
  - ✓ Video Transcript
  - ✓ Translation
  - ✓ Summarization
  - ✓ MindMaps
- But all those services are provided with the help of ChatGPT API
- They couldn't able to customize their model
- If ChatGPT API increases the prices slab, they couldn't able to survive

## MERZOL

- It provides the following services:
  - ✓ Video Transcript
  - ✓ Video Search
  - ✓ Summarization
  - ✓ Q & A Bot
- All our services are built with our own model
- We could able to customize these services according to the need in the future
- We could able to provide our API to businesses in the future



## Automatic Speech Recognition

Transcribe spoken  
content from  
videos into text

Read the  
information  
without watching  
the entire video

# PRODUCT OVERVIEW

## Advanced Video Search

Search for specific  
words within the  
video

View timestamps  
where the word is  
spoken

Click on the  
timestamp to go  
directly to that  
point in the video

# PRODUCT OVERVIEW

## Summarize Video Content

Summarize video  
content into text  
format

Adjust the  
summary length  
from 5% to 95% of  
the original  
content

## Q & A Bot

Users can ask any  
questions from the  
video content

Our Bot will  
retrieve the  
answer from the  
video and show it  
to the users

# BUSINESS MODEL



Users pay only when needed  
and solely for what they use.

**Pay-As-You-Go**  
**0.01\$/MINUTE**



Users can subscribe monthly  
and enjoy unlimited access  
to our services.

**MONTHLY SUBSCRIPTION**  
**9\$/MONTH**



We will offer APIs/SDKs to  
seamlessly integrate our tool  
into their e-learning portal.

**BUSINESS**  
**1.99\$/VIDEO**



# CASE STUDY : I



## SOLUTION

We have a feature that could help. It not only counts occurrences but also shows timestamps, so you can jump directly to those points in the video.



## CHALLENGE

User is planning to study the CNN algorithm from a Deep Learning video (it's quite a long one). User is curious to know how many times or how frequently the term "CNN" is mentioned throughout the video. Knowing this in advance could save a lot of time.

## RESULTS

Users can view the word repetition count before watching the entire video, saving them a significant amount of time.

# CASE STUDY : 2

## SOLUTION

We offer a solution that allows users to customize the original content, adjusting it from 5% to 95%.



## CHALLENGE

The user has transcribed the video using our tool, resulting in approximately 3,000 words. However, they would like to condense the content while retaining the key concepts.

## RESULTS

The user can determine the desired word count from the video transcript.

# CASE STUDY : 3



## SOLUTION

Users can ask any questions related to the video content. Our bot will retrieve the answers directly from the video and present them to the users.



## CHALLENGE

The user wants to identify key questions and answers from the video content and assess their level of understanding.

## RESULTS

Users can perform a self-assessment to gauge their knowledge level based on the video content.



# BLOCKCHAIN

**Blockchain Technology can offer several benefits for our users by providing solutions that enhance transparency, security, and efficiency.**

- **Secure Data & Privacy Using Blockchain**
- **Credential Verification And Certificates**
- **Decentralized Learning Platforms**

# BLOCKCHAIN



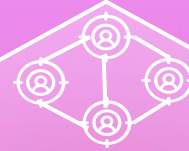
## SECURE DATA & PRIVACY USING BLOCKCHAIN

Blockchain provides a decentralized method to store sensitive data, ensuring that it is secure and can only be accessed by authorized parties.



## CREDENTIAL VERIFICATION AND CERTIFICATES

Blockchain enables credentials to be stored in a tamper-proof, decentralized ledger, allowing employers or institutions to easily verify a student's qualifications without the need to contact multiple sources.



## DECENTRALIZED LEARNING PLATFORMS

A blockchain-based decentralized platform allows peer-to-peer content sharing, tutoring, and learning without a central authority controlling the data or the interactions.



## **OUR OWN CRYPTOCURRENCY**

**Creating our own cryptocurrency as a startup can offer several benefits, especially in industries where blockchain technology can be a game-changer.**

## **WHY CRYPTOCURRENCY NOW?**

**Major industries, Fortune 500 companies, E-Learning Companies, Universities & many more have started accepting cryptocurrencies.**

**It's our time to create our own cryptocurrency.  
Mcoins : Merzol\_coins**

INDUSTRIES	SECTOR	COMPANY	COUNTRY
Retail & E-commerce	E-commerce Giants	Overstock, Newegg & Shopify	USA & Canada
	Luxury Goods	Hublot	Switzerland
Technology & Software	Web Hosting	Namecheap & Hostinger	USA & Lithuania
	Software and SaaS	Microsoft & NordVPN	USA & Panama
Gaming & Entertainment	Online Gaming	Steam & Microsoft Xbox	USA
	Online Casinos	BitStarz & FortuneJack	Malta & UK
	Streaming Services	Twitch	USA
Travel & Hospitality	Travel Agencies	Travala	Singapore
	Hotel Chains	Kessler Collection	USA
	Airlines and Car Rentals	AirBaltic	Latvia

INDUSTRIES	SECTOR	COMPANY	COUNTRY
Finance & Fintech	Financial Services	BitPay	USA
	Lending Platforms	BlockFi & Celsius	USA
	Insurance	Metromile	USA
Food & Beverage	Food Delivery Services	Lieferando & Menufy	Germany & USA
Education	Online Education Platforms	Coursera	USA
	Universities and Schools	University of Nicosia	Cyprus
Freelancing	Freelancer Platforms	Bitwage	USA
Sports & Entertainment	Sports Teams	Dallas Mavericks	USA
Automotive	Car Dealerships	Post Oak Motor Cars	USA
Charities	Charitable Donations	The Red Cross & Save the Children	USA & UK



# MINING MCOINS

## BY FIRST TIME LOGIN

For the first time login, users can mine 500 Mcoins.

## BY EVERYDAY LOGIN

For everyday login, users can mine 300 Mcoins.

## BY REFERRALS

Users can mine 1000 Mcoins for every referrals.

# MINING MCOINS

## BY UPLOADING VIDEOS

Users can upload maximum of 10 minutes of video per day.  
Per minute, users can mine 30 Mcoins.  
That is  $30 \times 10 = 300$  Mcoins

## BY VIDEO SEARCH

Users can search a word from the video content.  
For every video search, users can mine 15 Mcoins and maximum users can search 10 words per day.  
That is  $15 \times 10 = 100$  Mcoins

## BY Q & A BOT

Users can ask questions to our Q & A Bot.  
For every questions, users can mine 15 Mcoins and maximum users can ask 10 questions per day.  
That is  $15 \times 10 = 150$  Mcoins

## BY SUMMARIZING VIDEO

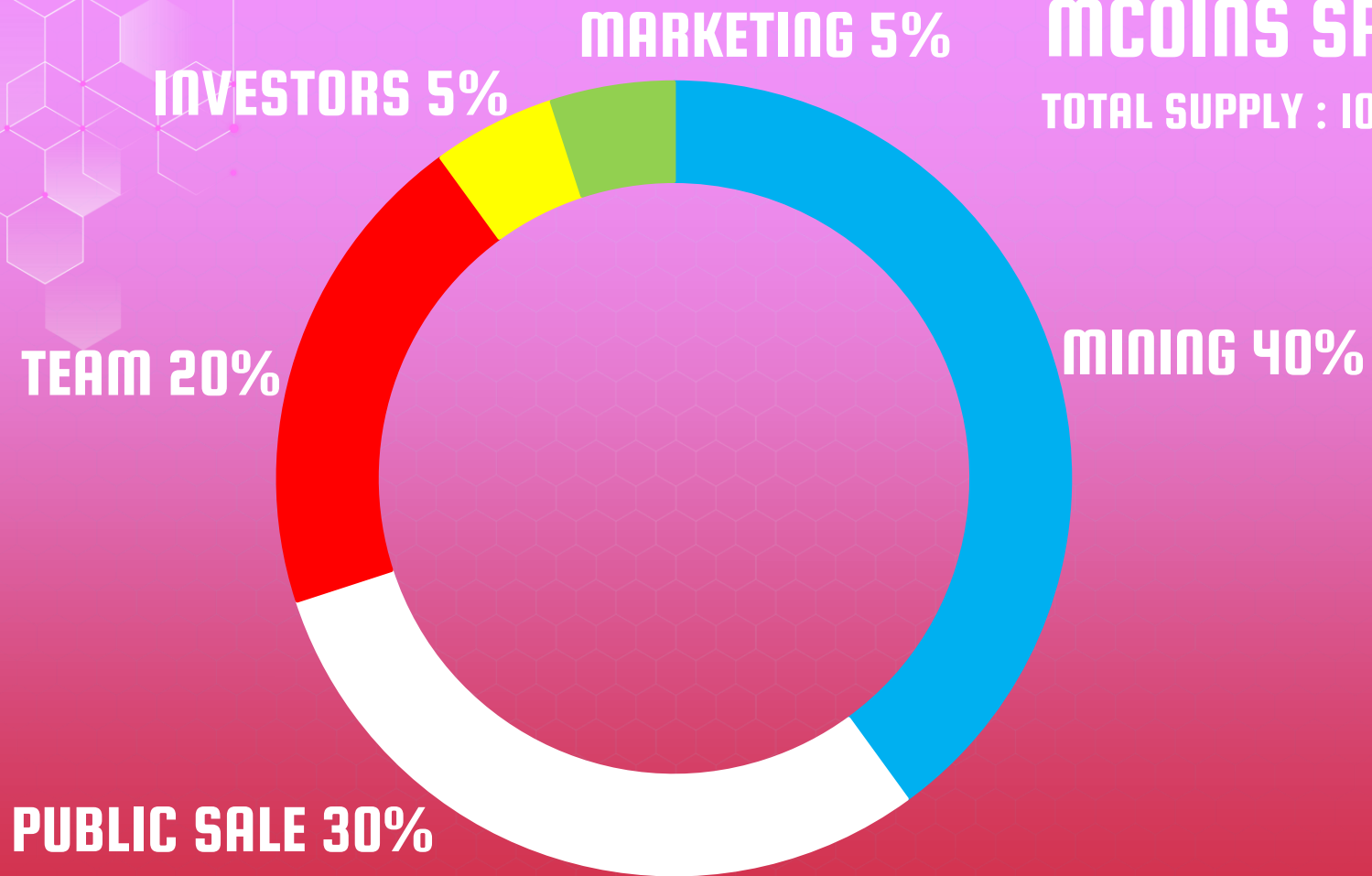
Users can summarize the video content from 5% to 95%.  
For every Summarization, users can mine 20 Mcoins and maximum users can summarize 5 times per day.  
That is  $20 \times 5 = 100$  Mcoins

## MAXIMUM MCOINS USERS CAN MINE PER DAY

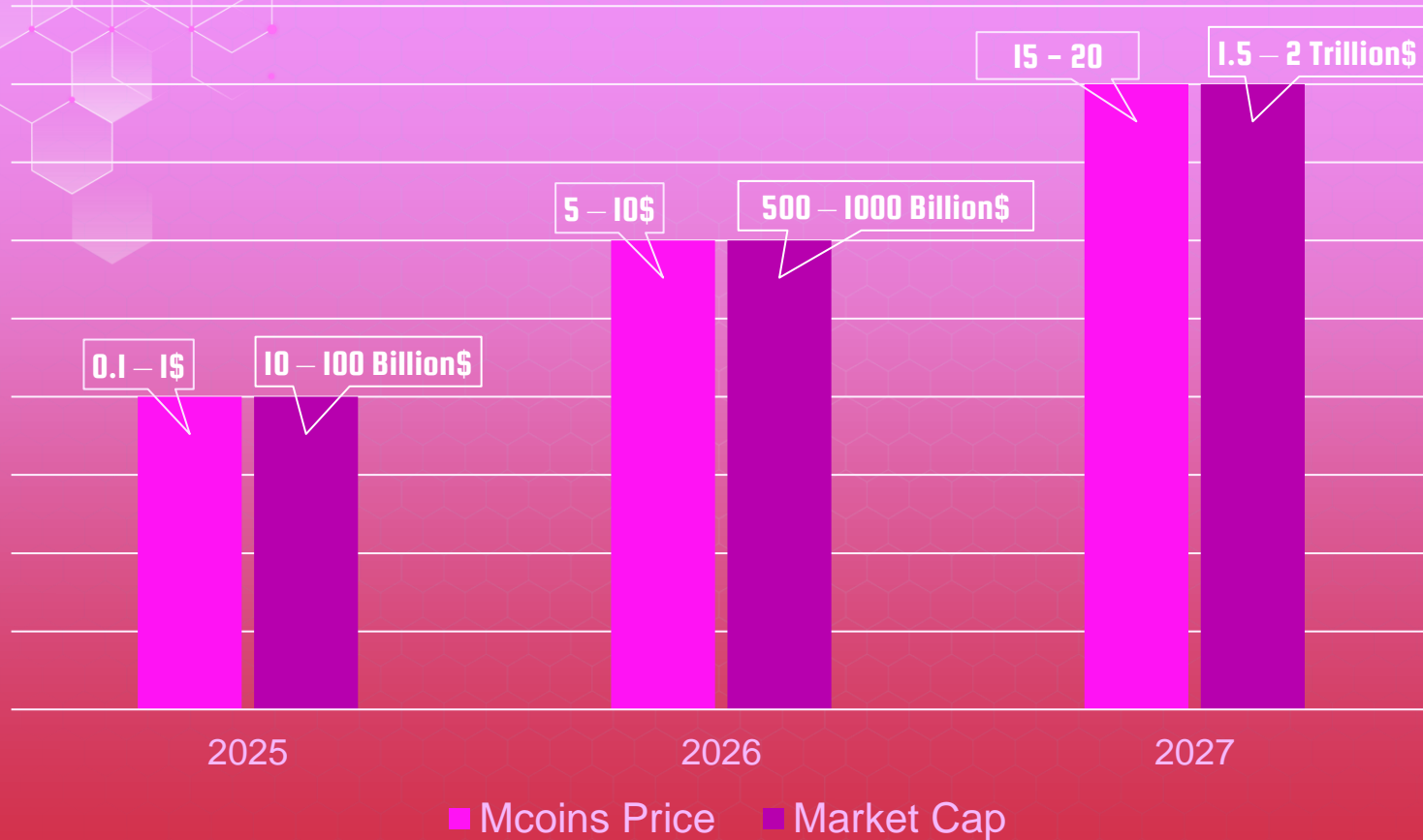
Daily Login	= 300
Uploading Videos	= 300
Video Search	= 150
Summarization	= 100
Q & A Bot	= 150
<b>Total</b>	<b>= 1000 Mcoins</b>

# MCOINS SPLITUP

TOTAL SUPPLY : 100 BILLION



# PROJECTIONS



# FEASIBLE PARTNERS

- Mcoins majority users are students & youngsters.
- The following industries may accept Mcoins in their platform in the near future.



**E-Learning  
Platforms**



**Universities &  
Colleges**



**Sports &  
Gaming**

# ROADMAP

## SECURE DATA & PRIVACY USING BLOCKCHAIN

- ✓ Decentralized storage
- ✓ Data encryption
- ✓ Authenticated access
- ✓ Secure transactions

JUL – DEC 2025

## CREDENTIAL VERIFICATION AND CERTIFICATES

- ✓ Tamper-proof ledger
- ✓ Decentralized records
- ✓ Easy verification
- ✓ Direct access

JUL – DEC 2026

## DECENTRALIZED LEARNING PLATFORMS

- ✓ Peer-to-peer sharing
- ✓ Tutor access
- ✓ No central authority
- ✓ Open content sharing

JUL – DEC 2027

JAN – JUN 2025

## TEXT-TO-VIDEO

- ✓ Text-to-Video Creation
- ✓ AI Voice Overs
- ✓ Animations Added
- ✓ Avatar Reading

JAN – JUN 2026

## MIXED REALITY

- ✓ 3D model interaction
- ✓ Virtual environments
- ✓ Real-world simulations
- ✓ Immersive learning

JAN – JUN 2027

## VIRTUAL ASSISTANT

- ✓ Analyze learner's progress
- ✓ Identifying areas of difficulties
- ✓ Provide personalized recommendation
- ✓ Exercises & Assessment



# THANKS

CREDIT : Slidesgo, Flaticon & Freepik