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# Survey Analysis

## How were the questions developed?

Questions of the survey were designed to understand the current scenario of **trumio** and to project the future prospects developed for the project.

## Questionnaire design

We understand that responding to the survey can be tedious, hence we disintegrated the complex questions to cognitively simple questions. As simple as responding it in a **scale of 1 to 10**.

1 2 3 4 5 6 7 8 9 10

Find the full set of questions here. 

## Questionnaire

How connected do you feel to your alma mater and the university ecosystem since your graduation?

What would be your preferred mode of communication and collaboration with university students on the platform (e.g., messaging, video calls, project management tools)?

How likely are you to actively participate in alumni engagement initiatives facilitated by AI-powered platforms?

On a scale of 1-10 how a one-stop workspace for your club would have influenced its functioning

If a project done by you is made into a tutorial how likely are you to recommend it to learners?

If you stumble upon any error while working on a project how difficult it is to solve that error?

How likely are you to share your thought process that made a task easier for you with a large community of learners, if given the tools?

+23 others

# Survey Analysis

## Questionnaire distribution: A dive into the Stochastic Questionnaire Administration

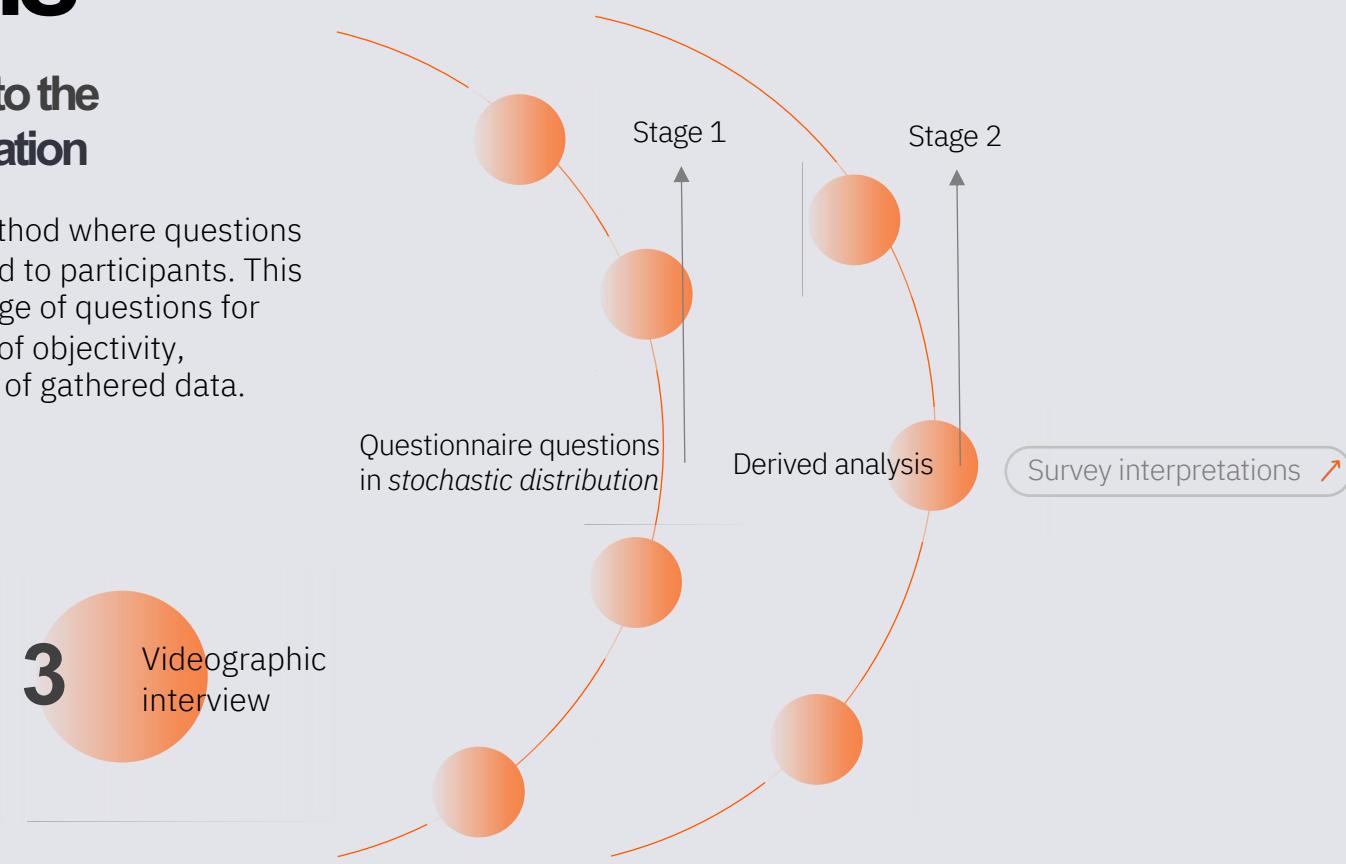
Stochastic Questionnaire Administration is a method where questions are randomly selected from a pool and presented to participants. This approach minimizes bias, ensuring a diverse range of questions for each respondent. The randomness adds a layer of objectivity, enhancing the representativeness and reliability of gathered data.

### Participant distribution

78 Responses

5 Industry Insights

3 Videographic interview



# Survey Analysis

## Interview insights



Puneet Chopra  
Google India

# Survey Analysis

## Interview insights



Fostering strong alumni engagement is pivotal; it forges lasting connections, amplifying the institution's impact beyond graduation

Empowering students with project-based experiences not only enriches their learning but also fortifies the alma mater's commitment to real-world readiness and innovation.

While industry insights are valuable, skepticism arises on their direct integration into academia, as the rapid pace of industry evolution may pose challenges in maintaining curriculum relevance

**Saurabh Jaiswal**  
Manager - International Business and Exports

TATA AGRICO

# Survey Analysis

## Interview insights

Providing project-based experiences aligns seamlessly with our commitment to practical education, equipping students with hands-on skills essential for success in the ever-evolving realms of economics and finance.

Alumni engagement is integral to our Economics and Finance ethos, fostering a dynamic network that enhances career development and reinforces our institutional legacy."

### Behavioural Science in Marketing

**Kunal Apastamb**  
Manager – NSE CBS

Embracing industry insights is paramount; it not only enhances our curriculum's relevance but also positions our graduates as agile contributors, well-attuned to the dynamics of the financial landscape.

# Survey Analysis

'Remark' keyword network



# Survey Analysis

Alumni      Industry      Academia



**65.4%**

Responded with a willingness to participate in **alumni engagement** actively.

These findings suggest a positive inclination towards sustained involvement, presenting an opportunity to cultivate a **vibrant alumni network** and leverage their collective expertise for mutual growth and advancement

# Survey Analysis

Alumni      Industry      Academia

65.4%

Responded with a willingness to participate in **alumni engagement** actively.

77%

Felt a need for a one-stop club collaboration platform

This notable response indicates a demand for a cohesive platform, suggesting an opportunity to bridge communication gaps, **foster interdisciplinary collaboration**, and create a unified hub for shared resources and activities among the participants.

# Survey Analysis

This robust response underscores a collective enthusiasm for collaborative knowledge dissemination, presenting a **strategic avenue to harness the wealth** of project expertise within the community and elevate the skill set of its members

**87.3%**

Would love to share **quick and easy** tutorials for tricks they used in the projects.

Alumni

Industry

Academia



# Survey Analysis

The 55% encountering coding errors highlights a **shared experience** within the community. Leveraging this insight can guide targeted support mechanisms and initiatives to empower members in overcoming coding challenges more efficiently

**87.3%**

Would love to share **quick and easy** tutorials for tricks they used in the projects.

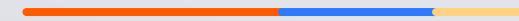
**55.2%**

Does often get stuck in **errors**.

Alumni

Industry

Academia



# Survey Analysis

Expressing a belief in AI's human-like attributes underscores a need for more empathetic and user-friendly solutions. Addressing this preference can guide the development of AI technologies that resonate better with human needs and expectations.

**87.3%**

Would love to share **quick and easy** tutorials for tricks they used in the projects.

**55.2%**

Does often get stuck in **errors**.

**27%**

Finds AI **human-centric**.

Alumni

Industry

Academia



# Survey Analysis

Alumni      Industry      Academia



**65.4%**

Responded with a willingness to participate in **alumni engagement** actively.

**77%**

Felt a need for a one-stop club collaboration platform

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Would love to share **quick and easy** tutorials for tricks they used in the projects.

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Does often get stuck in **errors**.

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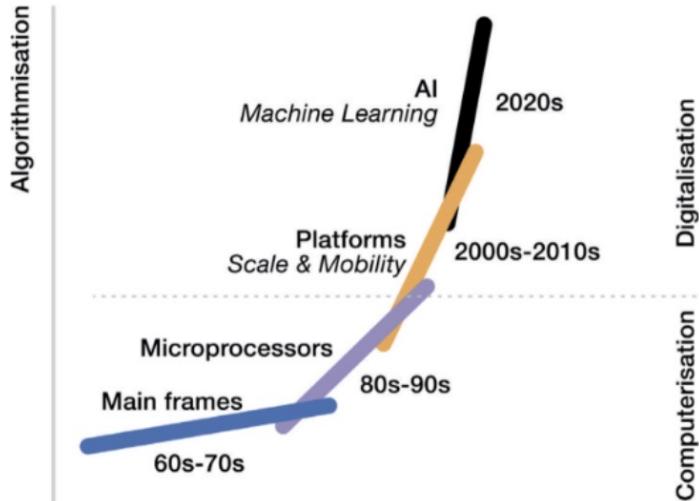
## Sectoral distribution



# Market Analysis

## Optimism to AI businesses

*AI & Digital Platforms: The Market [Part 1]*  
DOI: <http://dx.doi.org/10.5772/intechopen.93098>



*AI and Learning Systems - Industrial Applications and Future Directions*

**USD 15.7 trillion**

AI's contribution to the global economy in 2030 will amount to an estimated **USD 15.7 trillion**. This means that in 2030, with the impact of AI, global GDP will be 14% higher than it would be without AI or the equivalent of China and India's combined GDP

# Market Analysis

## Total Addressable Market (TAM)

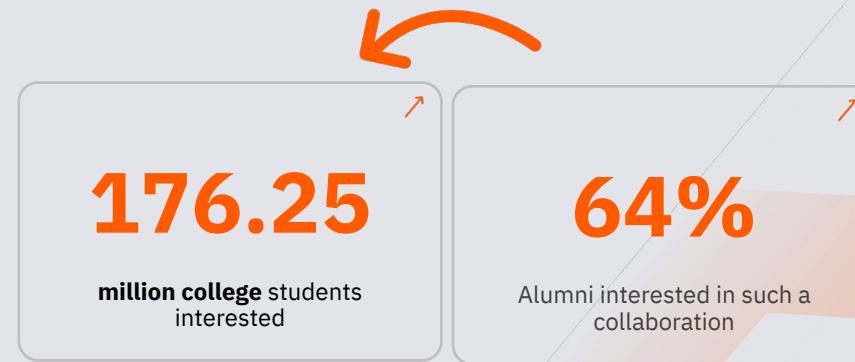
Our Total Addressable Market (TAM) encompasses 8.44 crore individuals globally, representing 7% of the world population with a college degree and aged between 16-25, highlighting a substantial potential user base.



# Market Analysis

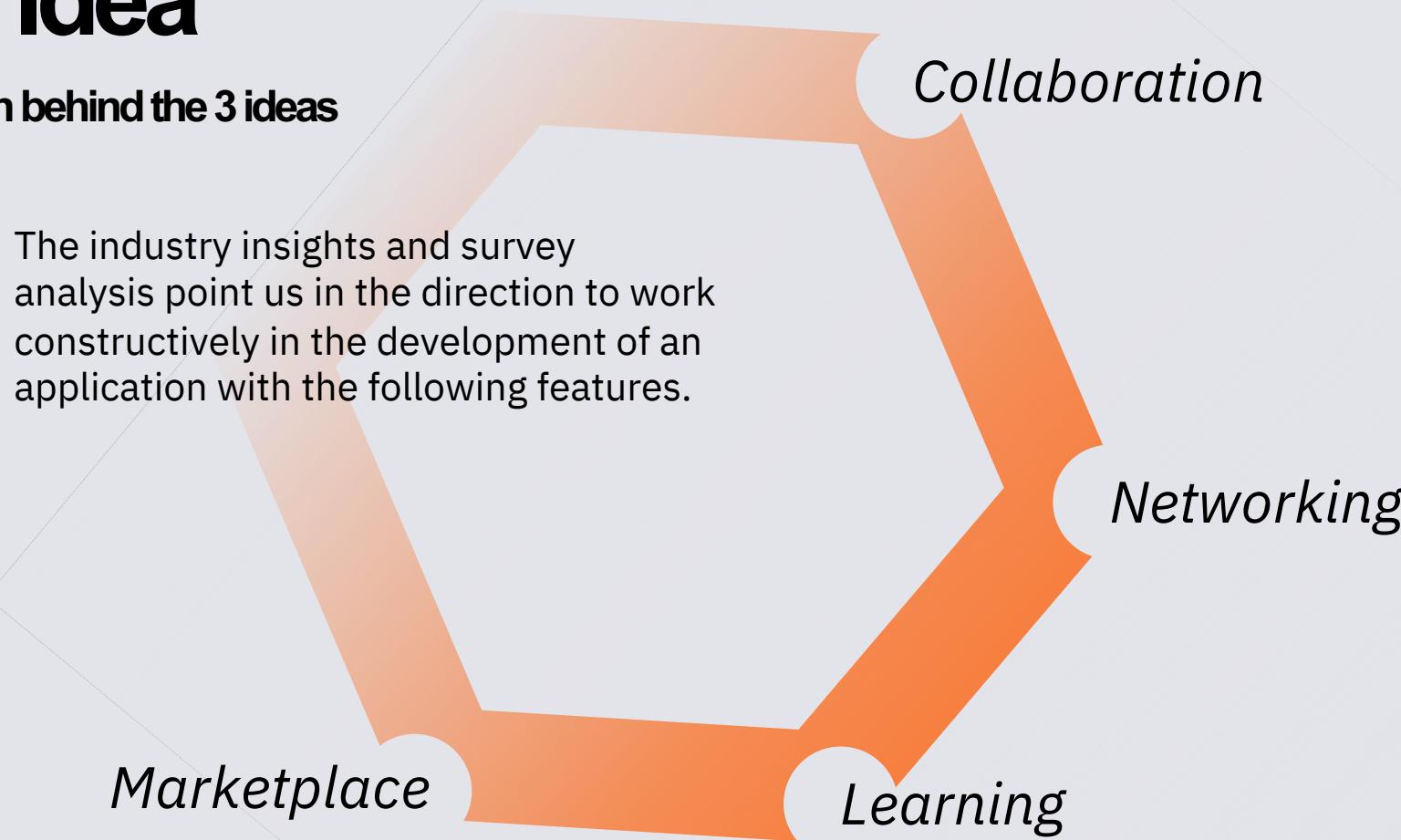
## Segmented Audience Market (SAM)

Within this TAM, our Segmented Audience (SAM) consists of **176.25 million college** students interested in industry-specific projects and mentorship. Leveraging that **64% of alumni** express interest in staying connected, we aim to create a powerful platform fostering impactful collaborations for students and alumni.



# The Idea

## Inspiration behind the 3 ideas



The industry insights and survey analysis point us in the direction to work constructively in the development of an application with the following features.

*Collaboration*

*Networking*

*Marketplace*

*Learning*

# The Idea

## Idea 1: The Playground

*"...seeking a platform beyond basic communication tools like **Discord**, specifically designed for college clubs to collaborate and work collectively on assigned projects and ideas."*

-Junior Year Student



### Design Thinking, Playground

#### 1. Connection

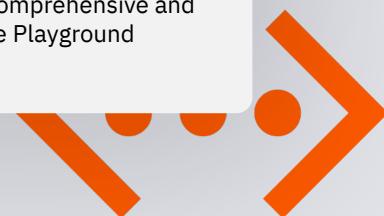
Cultivate community ties with a networking feature in the Playground, promoting user engagement and shared experiences.

#### 2. Collaboration

Drive teamwork and innovation through collaborative tools, empowering users to ideate and work collectively within the Playground.

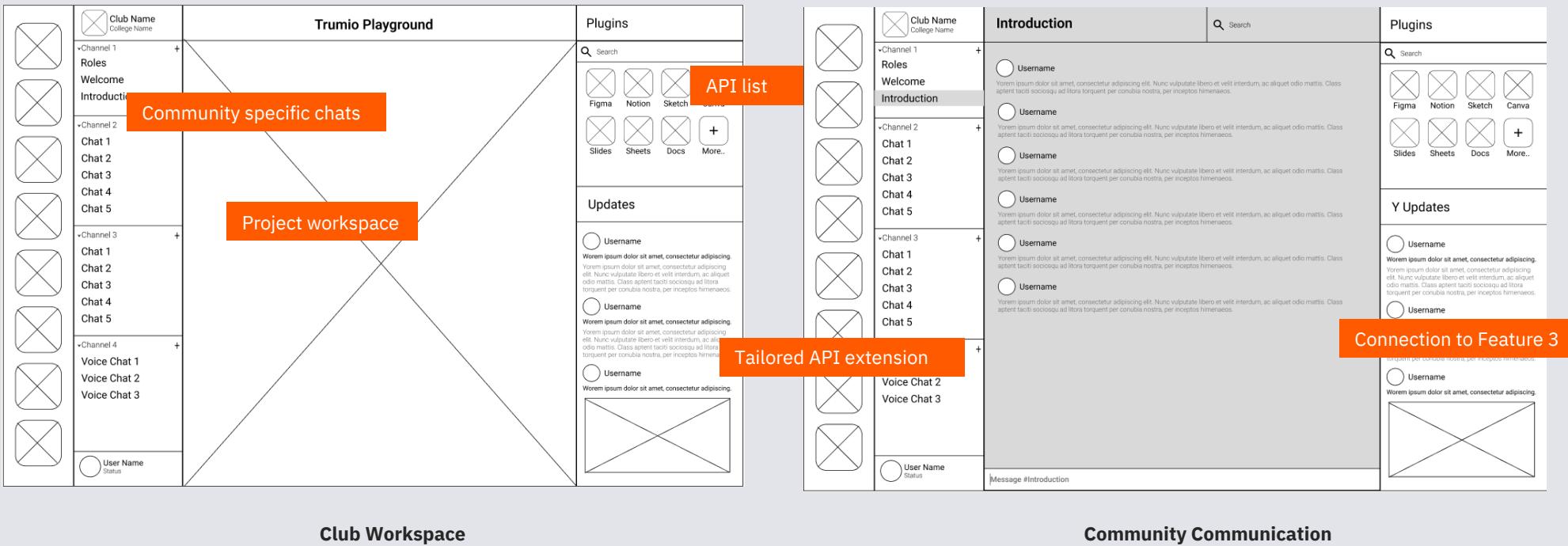
#### 3. API Integration

Boost functionality with seamless external platform connections, providing users a comprehensive and interconnected experience in the Playground



# The Idea

## Idea 1: The Playground, Wireframes



# The Idea

## Idea 1: The Playground, Features



### AI-Integrated Task Management

Efficiently handle club tasks with an AI-integrated task management system, ensuring seamless organization and execution of activities within the club.



### Intra and Inter-Club Communication

Facilitate smooth communication within clubs and foster collaboration across different clubs, enhancing overall connectivity and knowledge sharing.



### User Onboarding and Talent Retention

Provide a free Playground feature to attract and onboard diverse talents, addressing user retention concerns and creating a vibrant community within the platform.



### Multi-Sphere Learning and Collaboration

Extend learning beyond coding with AI extensions, enabling collaboration across various disciplines within the Playground, promoting a holistic educational experience.



### Quality Talent for Marketplace

Retain and nurture talent within the app, ensuring the Marketplace receives a pool of skilled users, enhancing the quality of projects and opportunities for collaboration.

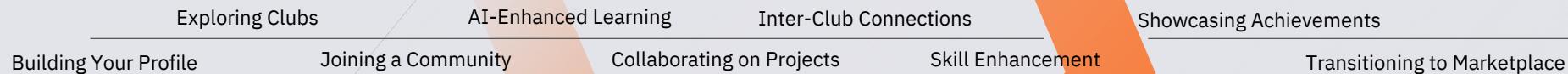


### Comprehensive Club Efficiency

Serve as an all-encompassing solution for club tasks, promoting efficiency, and positioning the app as an indispensable platform for clubs to enhance their overall productivity.

# The Idea

## Idea 1: The Playground, Consumer Journey



# The Idea

## Idea 2: Trumio Learn

### Design Thinking, Learn

1. Skill Assessment and Personalized Learning Paths
2. Industry Expert-Led Courses
3. Club Partnerships and Collaborative Learning
4. Feedback Loops, Certificates, and Badges
5. Interactive Open Labs and Gamification Elements
6. Comprehensive Directory of Mentors, Students, and Clubs
7. Project Database for Hands-on Experience
8. Resource Library for Knowledge Repository
9. Client and Club-Led Meetings for Real-world Insights
10. Rapidly Growing User Base and Testimonials

# The Idea

## Idea 2: Trumio Learn, Wireframes

**Trumio Learn**

**Student1**

**Courses**   **Mentorship**   **Events**

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30 Minutes | 01.Jan.24

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**Categories**

- Design
- Finance
- Coding
- Development

**Events listing**

**Course Progress**  
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**Upcoming Event**

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**Quick Updates**

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Events listing

**Trumio Learn**

**Student1**

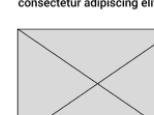
**Courses**   **Mentorship**   **Events**

 Courses listing

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**Categories**

- Design
- Finance
- Coding
- Development

**Upcoming Event**

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**Quick Updates**

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Courses listing

# The Idea

## Idea 2: Trumio Learn, Features

### Skill Assessment and Personalized Learning Paths

Robust feature for assessing individual skills and recommending personalized learning paths

### Industry Expert-Led Courses

Foster collaboration through partnerships with student clubs, promoting a culture of continuous improvement

### Club Partnerships and Collaborative Learning

Provide a free Playground feature to attract and onboard diverse talents, addressing user retention concerns and creating a vibrant community within the platform.

### Feedback Loops, Certificates, and Badges

Incorporate feedback loops, certificates, and badges to incentivize and recognize student achievements.

### Interactive Open Labs and Gamification Elements

Encourage peer learning with interactive open labs and gamification elements like quizzes and leaderboards.

### Comprehensive Directory of Mentors, Students, and Clubs

A directory facilitating networking opportunities among mentors, students, and various clubs.

# The Idea

## Idea 3: Trumio.why

### 1. User-Centric Problem Solving

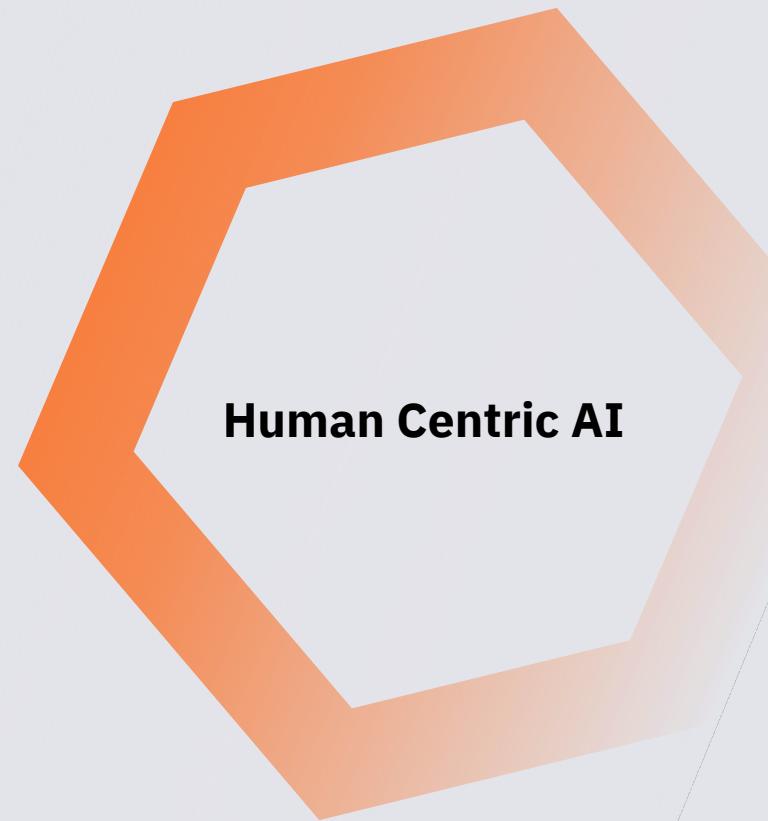
Prioritize user needs by focusing on quick and efficient problem-solving. Design features such as the assessment checker and Twitter-style explanations to address the challenge of lengthy code explanations, ensuring a user-centric approach.

### 3. Efficient Knowledge Discovery

Enhance user experience with an advanced search algorithm that allows efficient discovery of tricks and problem-solving methods. Design the platform to serve as an effective avenue for both students and professionals, promoting knowledge exchange and increasing engagement across the user base.

### 2. Continuous Learning Community

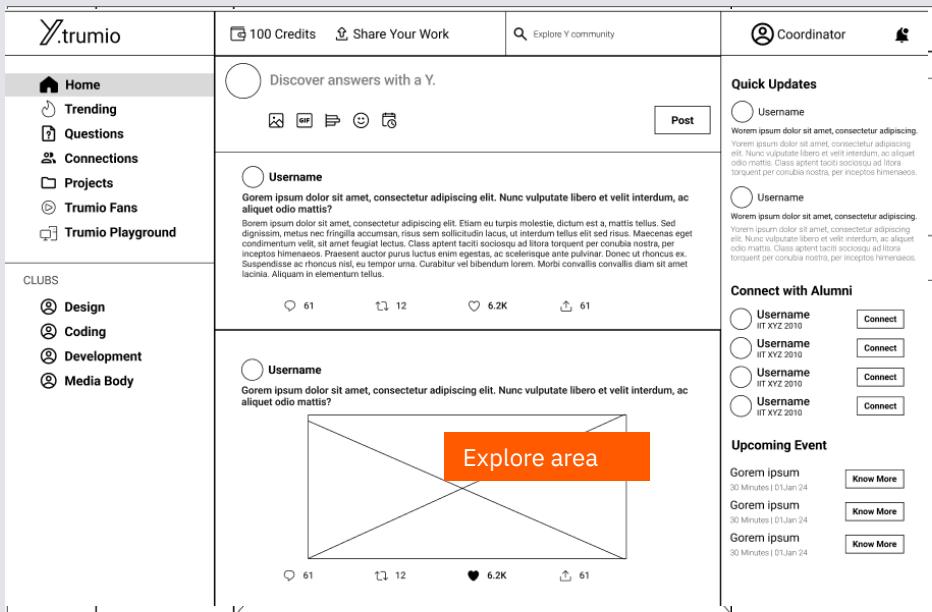
Create a dynamic learning environment by implementing a community feed where users can share and discover problem-solving tricks. Foster a culture of continuous learning and engagement by leveraging the Stack Overflow and Twitter-inspired model



**Human Centric AI**

# The Idea

## Idea 3: Trumio.why, wireframes



**.trumio**

- Home**
  - Trending
  - Questions
  - Connections
  - Projects
  - Trumio Fans
  - Trumio Playground
- CLUBS**
  - Design
  - Coding
  - Development
  - Media Body

100 Credits Share Your Work Explore Y community

**Coordinator**

Discover answers with a Y.

**Quick Updates**

Post

**Username**  
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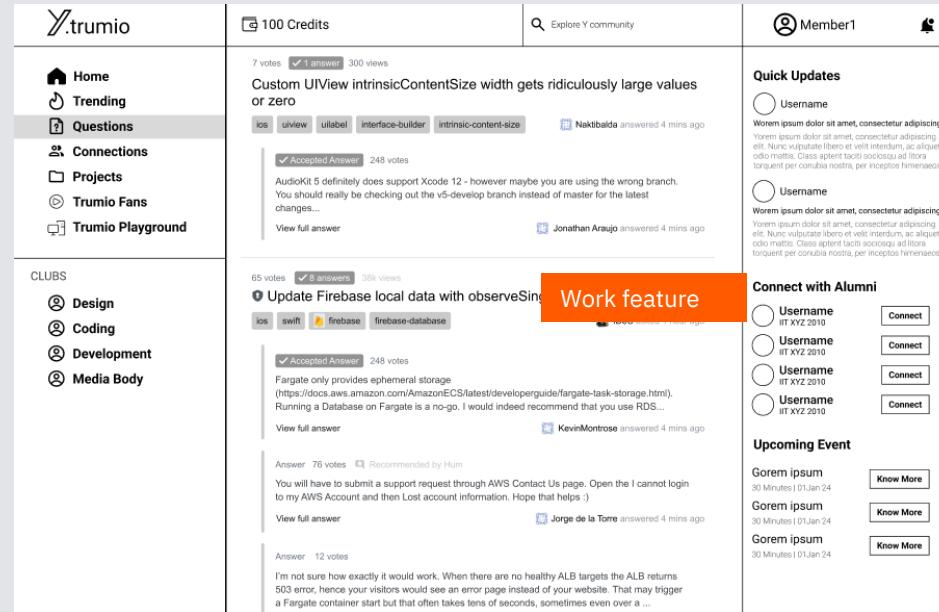
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**Upcoming Event**

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Know More Know More Know More

Interface1



**.trumio**

- Home**
  - Trending
  - Questions
  - Connections
  - Projects
  - Trumio Fans
  - Trumio Playground
- CLUBS**
  - Design
  - Coding
  - Development
  - Media Body

100 Credits Explore Y community

**Member1**

7 votes 1 answer 300 views

Custom UIView intrinsicContentSize width gets ridiculously large values or zero

ios uiview uitabel interface-builder intrinsic-content-size

Nekibaldo answered 4 mins ago

Accepted Answer 248 votes

AudioKit 5 definitely does support Xcode 12 - however maybe you are using the wrong branch. You should really be checking out the v5-develop branch instead of master for the latest changes...

View full answer Jonathan Araujo answered 4 mins ago

65 votes 5 answers 38k views

Update Firebase local data with observeSingleEvent

ios swift firebase firebase-database

Accepted Answer 248 votes

Fargate only provides ephemeral storage (<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/fargate-task-storage.html>). Running a Database on Fargate is a no-go. I would indeed recommend that you use RDS...

View full answer KevinMontrose answered 4 mins ago

Answer 76 votes Recommended by Hum

You will have to submit a support request through AWS Contact Us page. Open the I cannot login to my AWS Account and then Lost account information. Hope that helps :)

View full answer Jorge de la Torre answered 4 mins ago

Answer 12 votes

I'm not sure how exactly it would work. When there are no healthy ALB targets the ALB returns 503 error, hence your visitors would see an error page instead of your website. That may trigger a Fargate container start but that often takes tens of seconds, sometimes even over a ...

**Quick Updates**

**Username**  
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**Work feature**

**Connect with Alumni**

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Username IIT XYZ 2010 Connect  
Username IIT XYZ 2010 Connect

**Upcoming Event**

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Know More Know More Know More

Interface2

# The Idea

## Idea 3: Trumio.why , Features

### Learning-Oriented Stack Overflow and Twitter Fusion

A unique platform merging the learning aspects of Stack Overflow and the quick-sharing model of Twitter, facilitating the exchange of problem-solving tricks and solutions

### Community Feed for Learning Tricks

Community members access a personalized feed showcasing tricks and unique problem-solving methods shared by others, fostering continuous learning and knowledge exchange.

### Avenue for Students and Professionals

A versatile platform catering to both students and working professionals, offering a space to solve problems, share tricks, and learn diverse problem-solving approaches

### Assessment Checker and Twitter-style Explanations

Innovative assessment checker prompts users to share concise, Twitter-style explanations for unique problem-solving approaches, eliminating the need for lengthy code explanations.

### Advanced Search Algorithm for Trick Discovery

An advanced search algorithm enables users to easily discover and explore problem-solving tricks, enhancing the efficiency of finding relevant content within the community

### Enhanced Engagement for All Users

Trumio.why increases engagement among students, professionals, and the entire community by providing a dynamic and interactive space for continuous learning and skill enhancement.

# The Idea

## Why Trumio.why?



### Unified Community Hub

Trumio.why serves as a centralized platform, allowing all users to register, create profiles, and engage seamlessly, fostering a unified network for collaborative learning and problem-solving.



### AI-Enhanced Project Ecosystem

With embedded AI CoPilot, Trumio.why transforms into a robust work platform, providing project management, collaboration tools, and secure storage, enhancing efficiency and facilitating seamless teamwork.

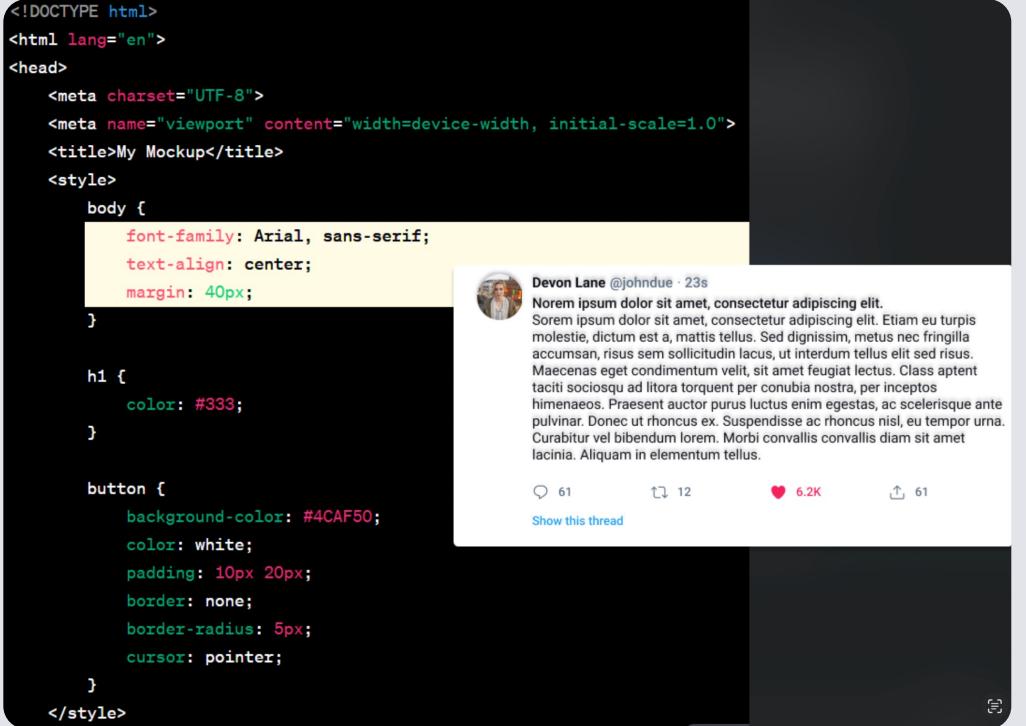


### Dynamic Project Marketplace

Trumio.why's integrated marketplace empowers users to list, bid on projects, manage contracts, and execute transactions, creating a dynamic ecosystem that facilitates project collaboration and financial transactions within the community.

# The Idea

## Why Trumio.why?



A screenshot of a web-based interface, likely a social media platform or a specialized forum, displaying a code snippet and its interactions. The code is written in HTML/CSS, featuring a dark background with white and light gray text. The snippet includes a meta tag for charset, a viewport meta tag, a title, and a style section with CSS rules for body, h1, and button elements. A user profile picture and name ('Devon Lane @johndue · 23s') are shown above the code. Below the code is a block of placeholder text (Lorem ipsum) followed by a detailed explanation of a code trick. At the bottom of the snippet area, there are engagement metrics: 61 replies, 12 retweets, 6.2K likes, and 61 shares. A 'Show this thread' link is also present.

Trumio.why has answers  
computers don't!

"Trumio.why's code trick posting feature revolutionizes sharing problem-solving insights. Users leverage our assessment checker to identify unique code techniques, prompting them to craft succinct Twitter-style explanations. This streamlines the process, eliminating the need for lengthy code explanations and creating a dynamic feed for the community to learn and engage with diverse problem-solving tricks quickly."

\*\*feature extract

# The Idea

## Trumio.why finances

### Unleashing Financial Potential

Witness the financial trajectory ascend from an initial \$867,880 to a staggering \$124,976,497 by Year 5, projecting a lucrative journey that promises substantial returns

### Profits in Focus: A Lucrative Tomorrow

Delve into the realm of profitability, where an unwavering operating profit margin of over 87% prevails. Embrace the optimism of a financially resilient future, setting the stage for Trumio.why's enduring success and prosperity.

**“**Amidst the compelling financial narrative, the most intriguing observation lies in the impressive operating profit margin consistently surpassing 65%. This not only signifies robust financial health but also highlights the inherent strength and sustainability of Trumio.why's revenue-generating model. As we surge towards Year 5, the allure of enduring profitability becomes a beacon of promise, marking our journey as a financial juggernaut in the making.

# The Idea

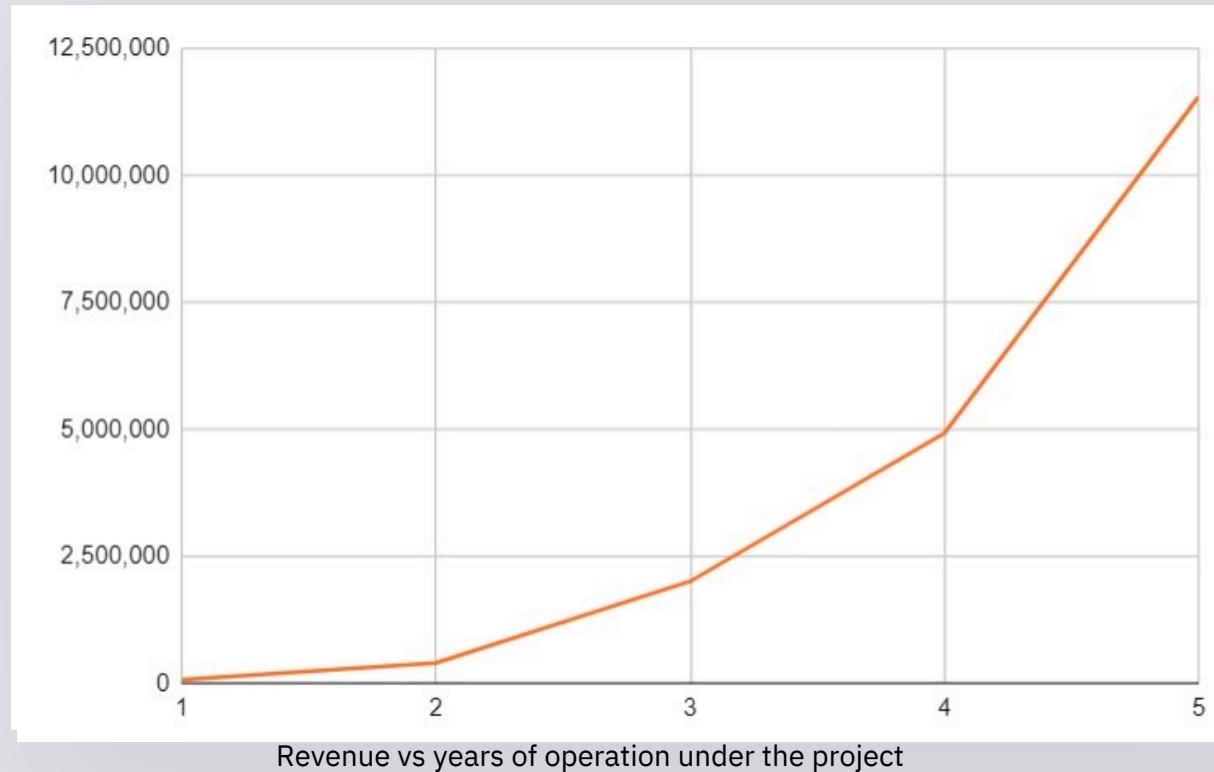
Trumio.why finances

		Year 1	Year 2	Year 3	Year 4	Year 5
<b>Revenue</b>	\$	\$64,074	\$400,694	\$2,003,543	\$4,924,405	\$11,544,133
<b>Operating Expenses</b>						
Incentives payed	\$	\$3,978	\$46,800	\$248,430	\$855,036	\$2,255,854
Salaries & Payroll	\$	0	0	0	0	0
Marketing	\$	\$52,000	\$70,000	\$85,000	\$40,000	\$50,000
Other	\$	\$54,000	\$19,000	\$19,000	\$19,000	\$29,000
<b>Total Operating Expenses</b>	\$	\$109,978	\$135,800	\$352,430	\$914,036	\$2,334,854
<b>Profit / (Loss)</b>	\$	-\$45,904	\$264,894	\$1,651,113	\$4,010,369	\$9,209,280

Estimated numbers

# The Idea

Trumio.why finances



Find the excel here



Estimated numbers

# Team 46