



#3

The Workspace

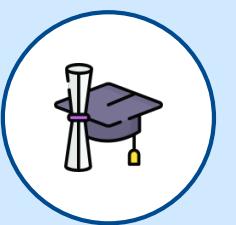
The Problem with online workspaces

The absence of a unified workspace leaves students unable to evolve along AI & the future technology
While clients face inefficiencies in quality management and aligning requirements

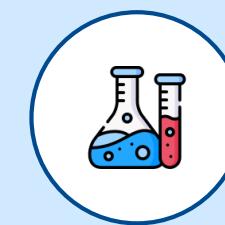
A significant waste of valuable time

THE CORE PROBLEMS

Lack of AI-enabled Unified workspace



Untracked and unmonitored progress



Progressive inconsistency in final delivered quality



- Organizations face challenges in leveraging data insights for informed decision-making, without a cohesive platform,
- Lack of visibility, hindering effective project management and timely identification of issues or delays.
- Indicates a lack of sustained adherence to defined standards & causing an uncertainty in the overall output.

21%

projects were cancelled prior to being delivered or were never used due to lack of quality

36%

projects only, succeeded in delivering the required quality on time and on budget

87%

of successful businesses have already begun integrating AI into their workflows



THE FEATURE

- Trumio Space **enhances collaboration**, personalizes learning experiences and provides seamless access to AI tools across the **6 workflows**
- This would **optimize productivity** and empower students with AI tools for project success.
- The students can **streamline their work**, access personalized insights etc



IMPACT

- Leveraging AI tools promises to redefine collaboration, enhance personalized learning and equip students with the skills needed in a rapidly advancing landscape.
- It aims to streamline access to advanced tools, and directly impacts project success.

1. Trumio's WorkStation is a **unified collaborative space** for students post-project commencement, enhancing workflow efficiency.
2. The WorkStation ensures **safekeeping and tracking of contributions**, featuring AI-assisted milestone planning and a domain-specific Dot Bot for verified knowledge support.
3. The AI Prompt Pool tackles time-consuming prompt creation challenges by **curating high-quality AI generated prompts**, ensuring quick and effective results.

The Quality Assurance suite

THE FEATURE

- Trumio's Quality Assurance Suite comprises the QA System and the Test Engine.
- The **QA System** monitors student work ethic and behavior, providing clients with predictive insights.
- The **Test Engine**, continually improving by recursive training, automates QA across diverse workflows, including code, design etc. ensuring comprehensive project health monitoring and efficient issue resolution.

Q.A. SYSTEM

1. Trumio platform **monitors students' work ethic** and behavioral patterns, providing valuable insights.
2. **Predictive & Prescriptive analysis** of data offers clients deeper insights without extensive direct communication efforts.
3. Clients can utilize a comprehensive **project health dashboard** for an overview, monitoring team behavior, examining test results, and conveniently raising disputes when needed.

TEST ENGINE

IMPACT

- Trumio's QA Suite improves project management by predicting student work patterns, automating quality checks, reducing errors, and resolving disputes proactively for enhanced efficiency.
- Client trust emerges as a paramount metric for platform success.

- The test engine is recursively trained and becomes increasingly capable with time. It enables automated QA across all major workflows.
 1. **QA of code:** Code Review Automation and more
 2. **QA of Documentation:** Natural Language Processing and more
 3. **QA of Design/creatives:** Style Transfer, Enhancement & more
 4. **QA of data:** Anomaly detection and more

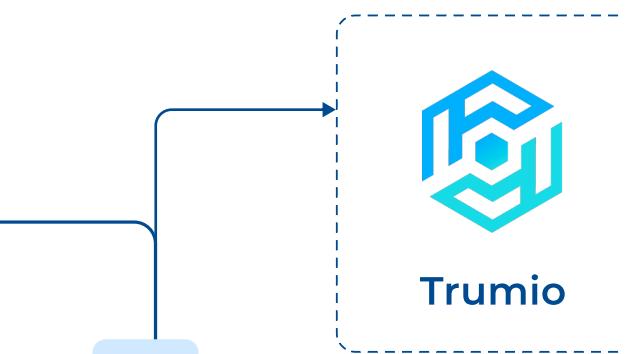
The Target User & Benefits



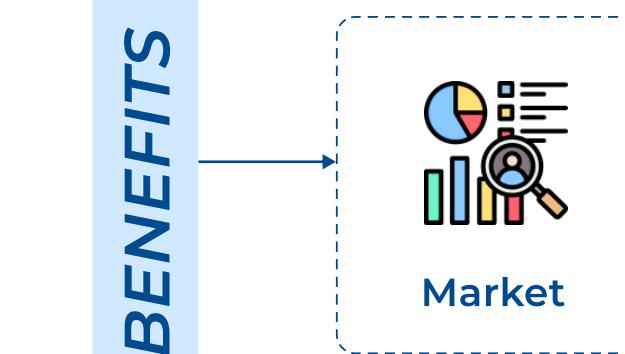
Shreya Shukla
MNIT Jaipur Student
3rd Year

Pain Points:

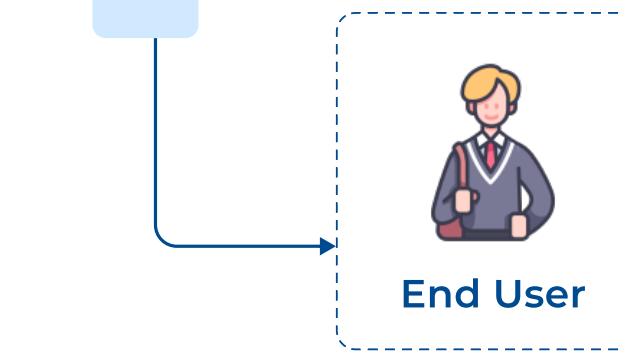
- Managing multiple AI projects leads to **time constraints** in prompt creation and tool selection.
- Creative blocks in ideation and ensuring prompt quality pose **challenges in quality**.



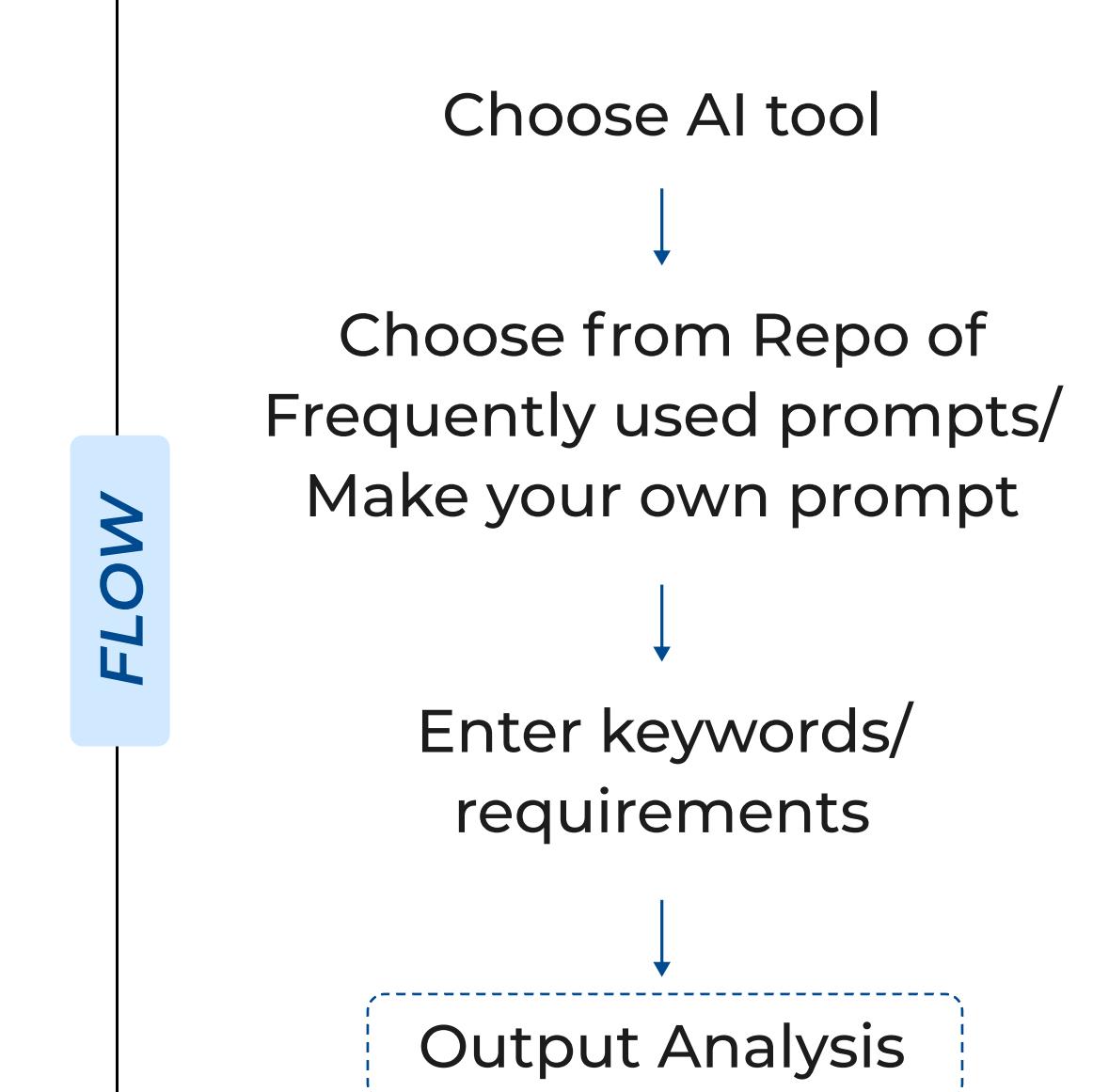
Integration enriches Trumio with a curated AI toolkit, streamlining **prompt generation for diverse use cases**.



Positions Trumio as an **innovation catalyst**, attracting developers and organizations seeking advanced AI development tools.



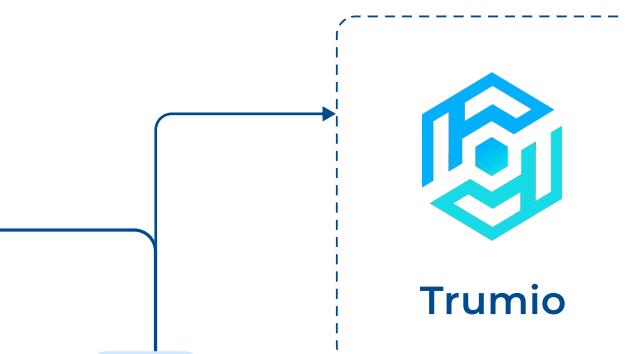
Saves time & enhances creativity, providing AI innovators with advanced AI tools & a **more efficient prompt generation process**.



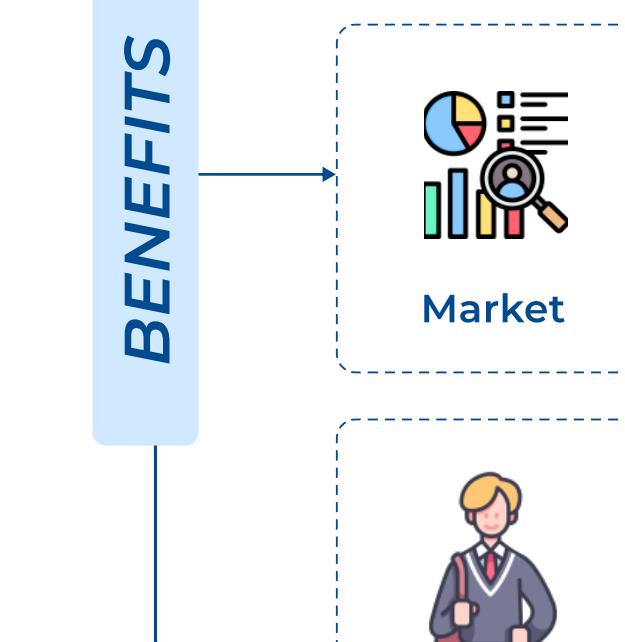
Harsh Pandey
Product Manager
Alumni

Pain Points:

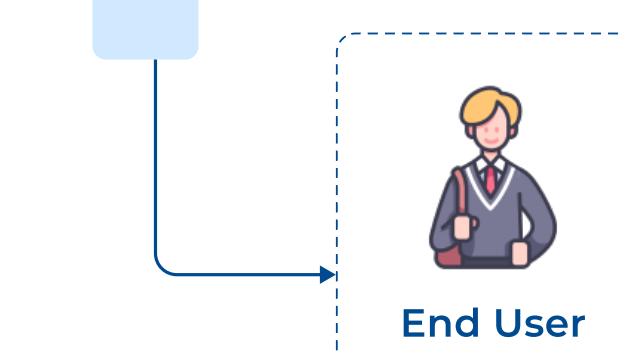
- Ensuring consistent and high-quality deliverables from students poses **reliability concerns**.
- Uncertainties** in meeting project deadlines & managing **risks associated** with students for crucial tasks.



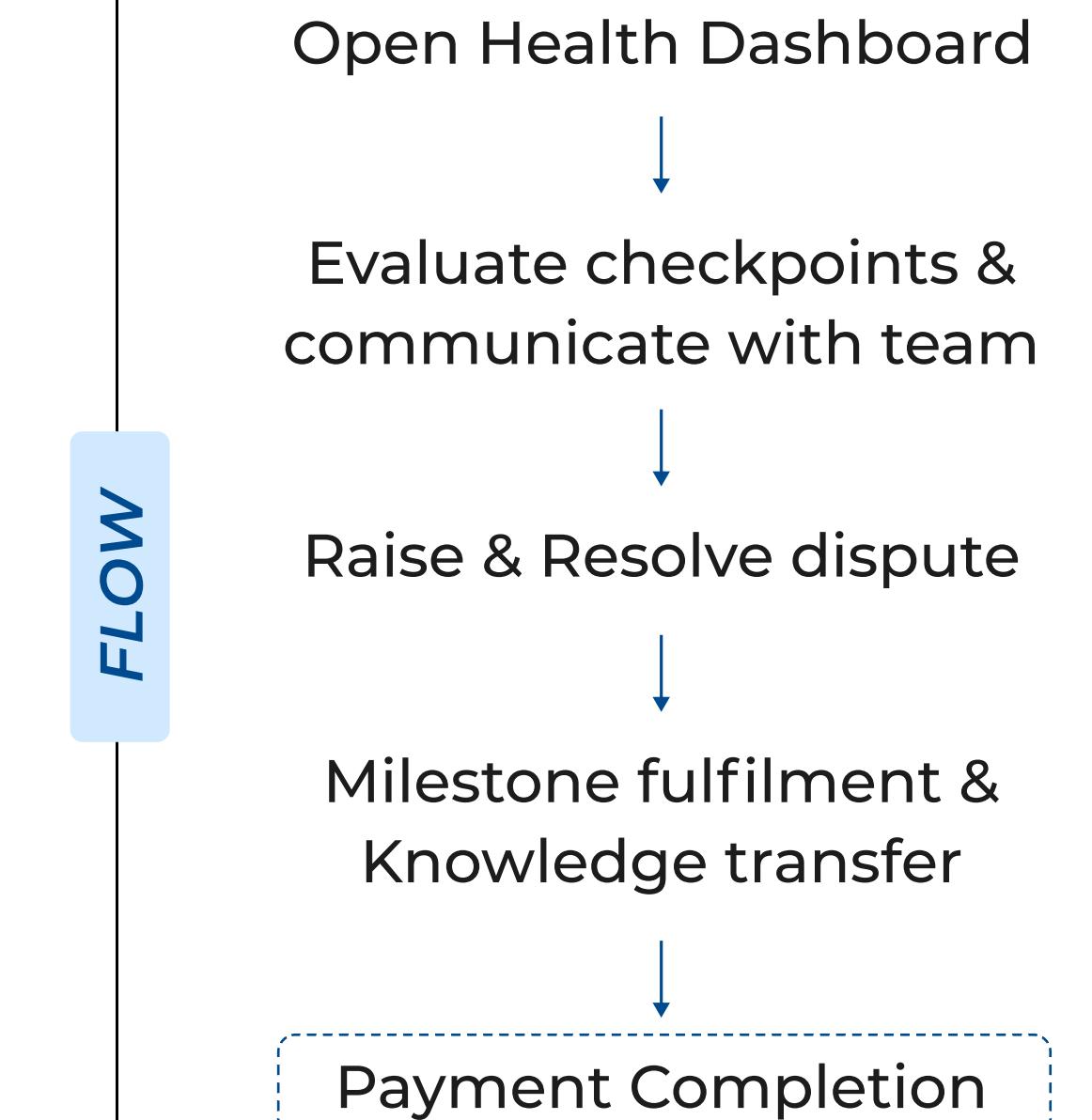
The QA System and Test Engine **streamline project oversight**, fostering a more efficient and intuitive experience.



Present a cutting-edge solution, driving **advancements in AI-driven project management** and QA within the market.

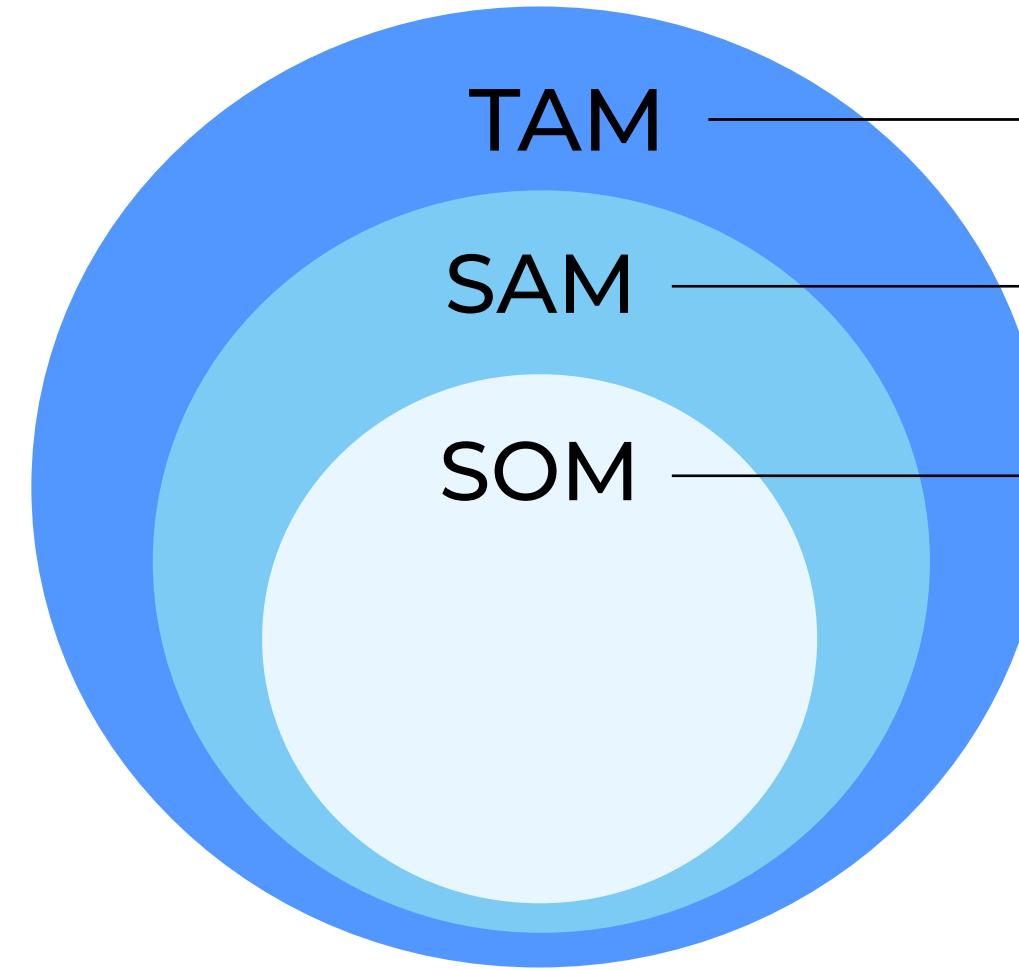


Users access a **comprehensive dashboard** for streamlined insights into project status and team behaviors.



Market & Metrics

TRUMIO SPACE



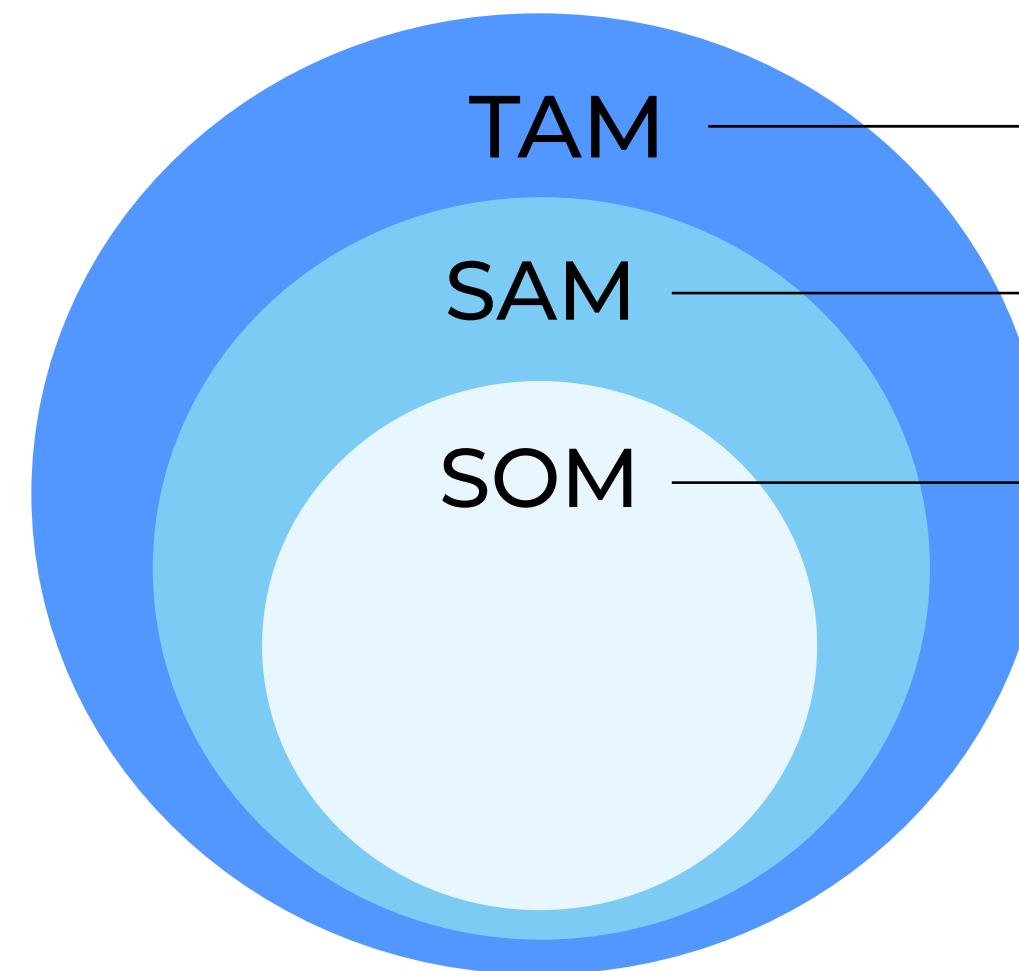
Market Size of AI in various domains

THE UNIQUE SELLING POSITION

- Curated prompts, seamless integration & a collaborative platform, distinguishing it as the **go-to resource** for advanced AI tools and prompt generation.

- We go a step further by ensuring that **all sensitive data is encrypted** & the integrated AI-Powered Recommendation System.

Q.A. SUITE



Market size of AI in Proj. Management

THE UNIQUE SELLING POSITION

- Seamlessly combines insight and automation to **enhance project health oversight**.

- The QA system and Test Engine **deliver holistic oversight** through behavioral monitoring, predictive analytics, and **automated quality assurance**.

FUTURE VISION

We plan to use **fine tuning & knowledge embedding**, to combine domain specific knowledge with our workspace.

WHY TRUMIO

Trumio is a go to platform for finding AI tools, as well as using them efficiently, **catered to the needs of students** & developers

FUTURE VISION

Evolving QA system to offer **predictive analytics**, aiming to reduce manual efforts and enhance client-centric solutions.

WHY TRUMIO

Trumio excels with integrated behavioral analysis, predictive insights delivering **unmatched AI-driven project oversight** and QA.

SCALING UP

91.2%

agreed that a versatile AI tools enabled workspace is the need of the hour for the industry.

85.4%

said that a feature rich Quality assurance suite would save a lot of valuable time

87%

said that a dashboard view will definitely ease out execution on extensive project

75%

have confidence that a predictive prescriptive approach will support individual needs

QUALITATIVE INSIGHTS

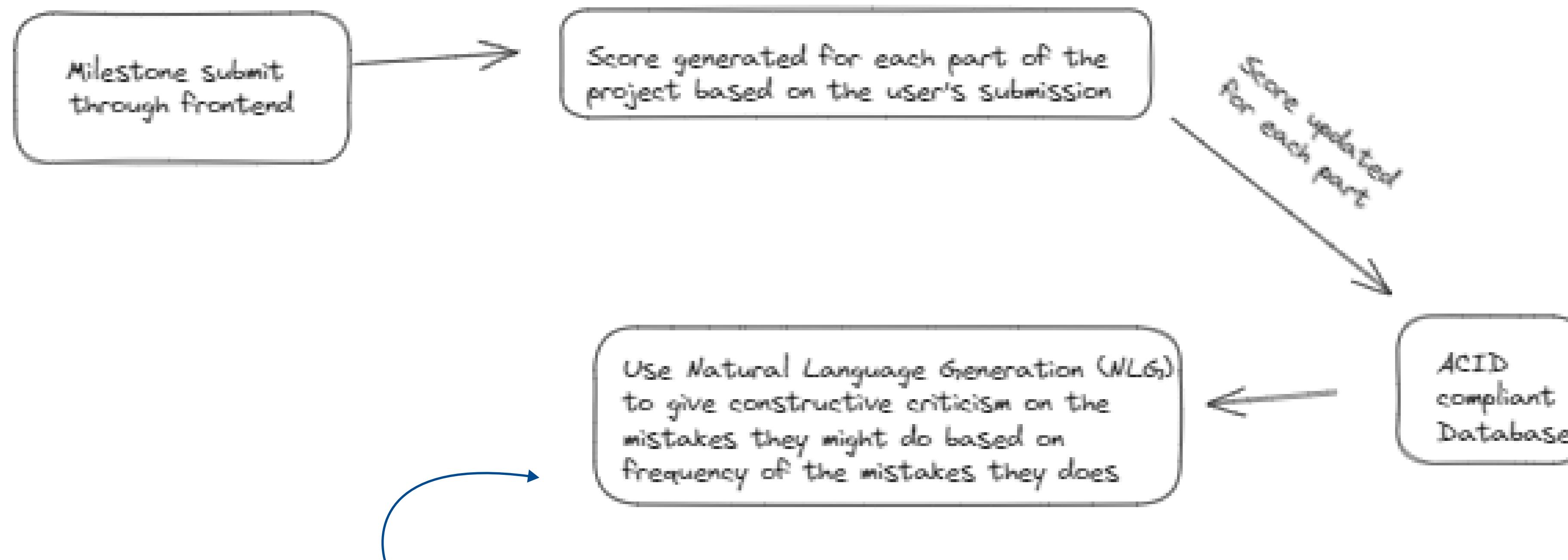
It's unanimously echoed that a versatile platform that supports AI tools in several workflows will be immensely useful. During project collaboration is a industry level affair and efforts in unification is deemed to improve productivity.

Trumio's Quality Assurance Suite uses predictive insights for early issue identification in student work dynamics, ensuring proactive resolution and fostering a positive feedback loop for improved project management.

Trumio's Q.A. Suite underscores client trust as a crucial metric, demonstrating a commitment to high-quality outcomes.

The suite facilitates efficient dispute resolution, ensures project health, and contributes to building trust for sustained platform success & adoption.

Health Monitoring



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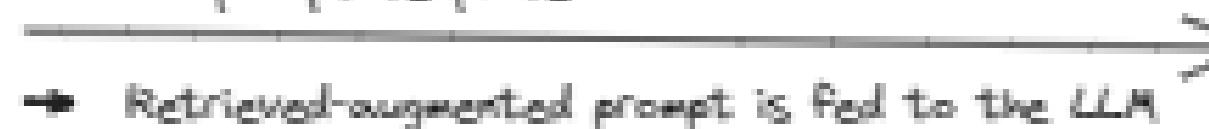
Functionality & Tech Involved

AI Integration Tools

- Retrieval Augmented Generation (RAG) is used

- ➔ Relevant context retrieved from an external knowledge source
- ➔ User query and context augmented into a prompt template

User Interaction with chatbot



➔ Retrieved-augmented prompt is fed to the LLM

- Tool Recommendation

- ➔ Context Analysis
- ➔ Meticulously curated database of integrated AI tools

Chatbot

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- ```
graph LR; B[Chatbot] --> C[AI Integration Tools]
```
- ➔ Supervised learning and transfer learning ensuring a project tool recommendation
  - ➔ Prompt Generation

AI Integration Tools

Trumio Space will have a chatbot existing in the environment throughout the sessions of the users to help them with multiple usecases, including answering any queries, provide further context on topics, awareness on open data, or generating prompts for various usecases, etc. Integration of AI Tools will play a crucial role in helping the chatbot's cause and effect.

Tool execution and data exchange through API calls

Result



TEAM  
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# THANK YOU

## Bridging the gap between campus and alumni



### Link:

#### Number of Institutions

- The total number of Universities / University like institutions registered is 1,113, Colleges 43,796 and Standalone Institutions 11,296.
- During 2020-21, the number of Universities has increased by 70, and the number of Colleges has increased by 1,453.
- Since 2014-15, there has been increase of 353 Universities (46.4%).
- The Institutes of National Importance (INIs) have almost doubled from 75 in 2014-15 to 149 in 2020-21.
- 191 new Higher Education Institutions have been established in North Eastern States since 2014-15.
- Highest number of Universities is in Rajasthan (92), Uttar Pradesh (84) and Gujarat (83).
- During 2014-15 to 2020-21, on average, 59 Universities have been added annually. This was about 50 during 2007-08 to 2014-15.
- 17 Universities (of which 14 are State Public) and 4,375 Colleges are exclusively for women.
- The College Density, the number of colleges per lakh eligible population (population in the age-group 18-23 years) has been 31. This was 27 in 2014-15.
- States with Highest college density: Karnataka (62), Telangana (53), Kerala (50), Himachal Pradesh (50), Andhra Pradesh (49), Rajasthan (40), Tamilnadu (40).
- Top 8 Districts with Highest number of Colleges: Bangalore Urban (1058), Jaipur (671), Hyderabad (488), Pune (466), Prayagraj (374), Rangareddy (345), Bhopal (327) and Nagpur (318).
- Uttar Pradesh, Maharashtra, Karnataka, Rajasthan, Tamil Nadu, Madhya Pradesh, Andhra Pradesh, Gujarat are top 8 States in terms of number of colleges.
- 43% universities and 61.4% colleges are located in Rural Areas.

#### Faculty

- The total number of faculty/teachers are 15,51,070 of which about 57.1% are male and 42.9% are female.
- The female per 100 male faculty has improved to 75 in 2020-21 from 74 in 2019-20 and 63 in 2014-15.