

PLEDGE TO PROGRESS

Sustainability Hackathon

Sponsored By



Your Team Name : Qurio

Your team bio : Ritu Sinha, Ashish Sharma, and Sanjeesh Bera

Date : 24-04-2023

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Problem Statement? The pandemic has highlighted the need for inclusive education

Why did you decide to solve this Problem statement?

1. **Modern education:** How might we offer youth, from primary school to universities, a modern, an inclusive, and a high-quality local education.

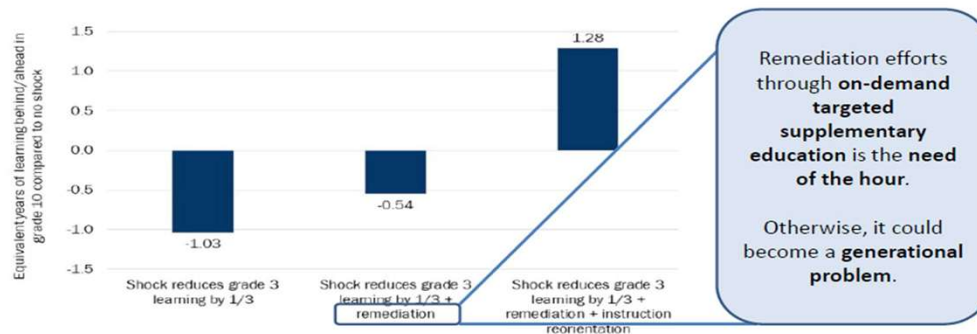
2. **Personalized Education** using technologies like AI for customized learning paths.

3. **Equitable Access:** Ensure low-cost equal and inclusive access for children from poor economic , living in vulnerable situations or in rural areas, by using emerging technologies

Theme - EdTech

2. Use Azure Data + Analytics + AI/ Open AI technologies to build sustainable ed tech solutions for rural areas in India

Potential Learning Loss from pandemic school closures and mitigation impact (grade 3 example)



Source: "Modeling the long-run learning impact of the COVID-10 learning shock: Action to (more than) mitigate loss." RISE.

User Segment & Pain Points

Which user /advertiser segment would be early adopter of your product & why?

The Age Group of 8-13 year old [Class/Grade 3-7] have found the product engaging and interesting as it offers them an opportunity to continue engaging and addressing their curiosity

Schools with Children in the age-group are also interested in deploying the said solution as it offers the multiple benefit of availability and low-cost.

The Solution will require certain customizations for offering in local languages (*Which are currently being developed to attract a diverse userbase*)

Pre-Requisite

WHAT IS QURIO?

WhatsApp integrated Smart Bot – Enabling Byte sized learning

Note - Live Qurio screen shots

1

Qurio

What is the main source of water?
10:05 PM ✓

Question : What is the main source of water?
Answer : Oceans are the main source of liquid water.
Reference para :
Water can be found in 3 forms or states – solid, liquid and gas. Example of Solid is Ice. Ice is the frozen state of water. Example of liquid is water. Water is in the fluid state that

2

User asks conceptual doubt to the Smart Bot
[Voice & Image input compatible]

Smart Bot responds instantly with answer to User query

Response includes reference links to multi-media content (e.g. videos, images, articles)

2

Qurio

in the fluid state that we use for day to day activities. Oceans are the main source of liquid water. Water in the liquid state is most found in Oceans. Example of gas is vapour. Vapour is gaseous state of water.
10:06 PM

Now here is content that you would also enjoy !
<https://ctprod4.s3.amazonaws.com/videos/>

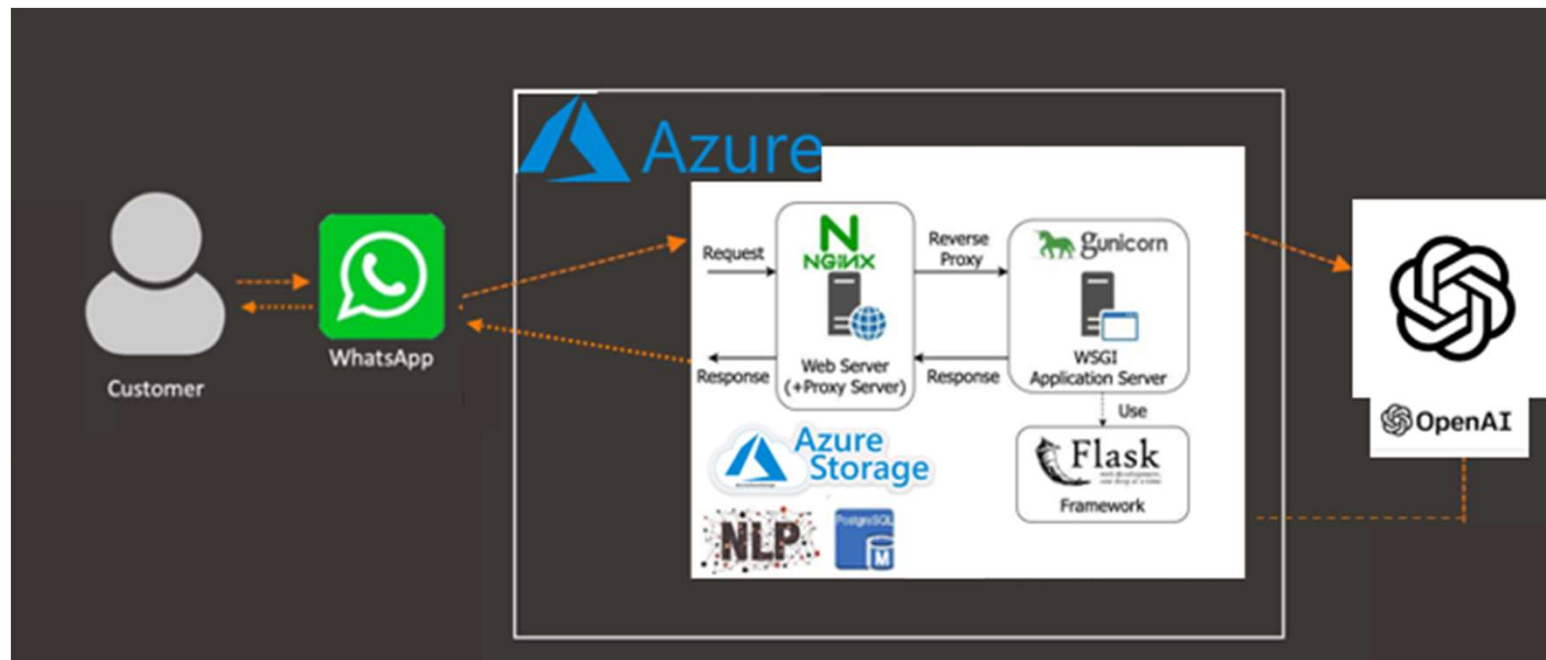
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Tools or resources

Azure tools or resources which are likely to be used by you for the prototype, if your idea gets selected

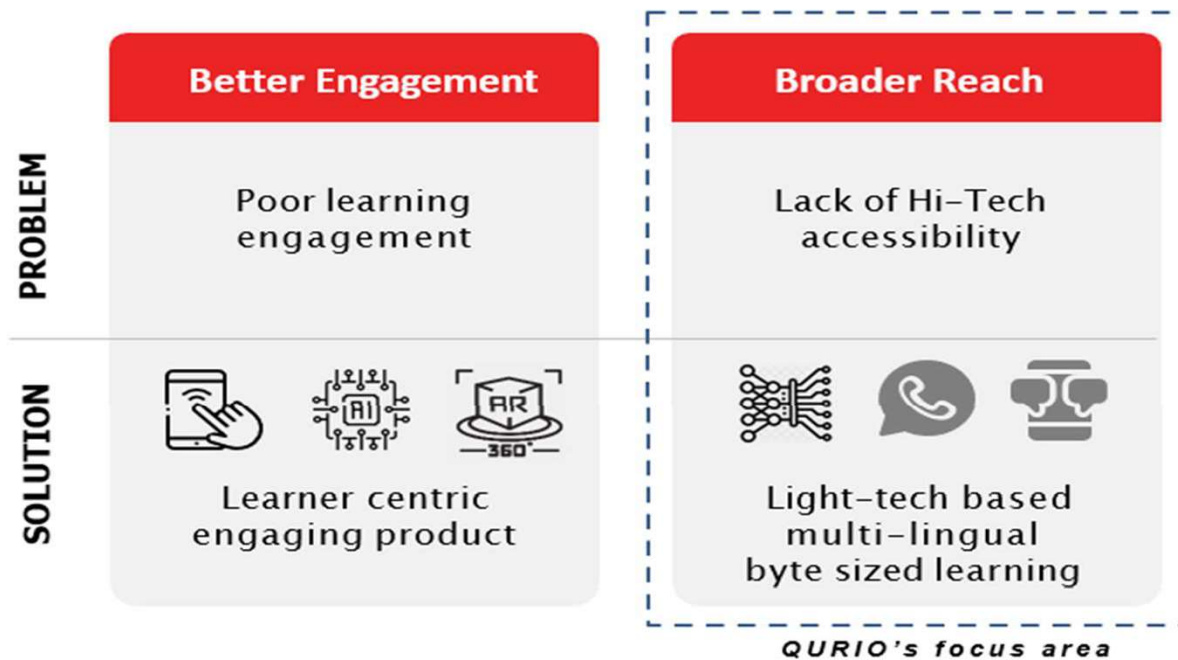
1. Azure OpenAI Services for Generative Textual Solutions and Content
2. The production pipeline is built using industry standard DevOps and MLOps tools.
 1. We use Git, Jenkins for code repository and application build in our CICD pipeline.
 2. MLOps with homegrown structures and MLFlow.
3. Data security - We have multi-tier data security enabled in our application with industry standard encryption, secure communication over the wire, encrypted data store, multi factor authentication and application security certification.
4. Scalability is addressed through a) modular application architecture and b) fully on – cloud containerized deployment.

Any Supporting Functional Documents

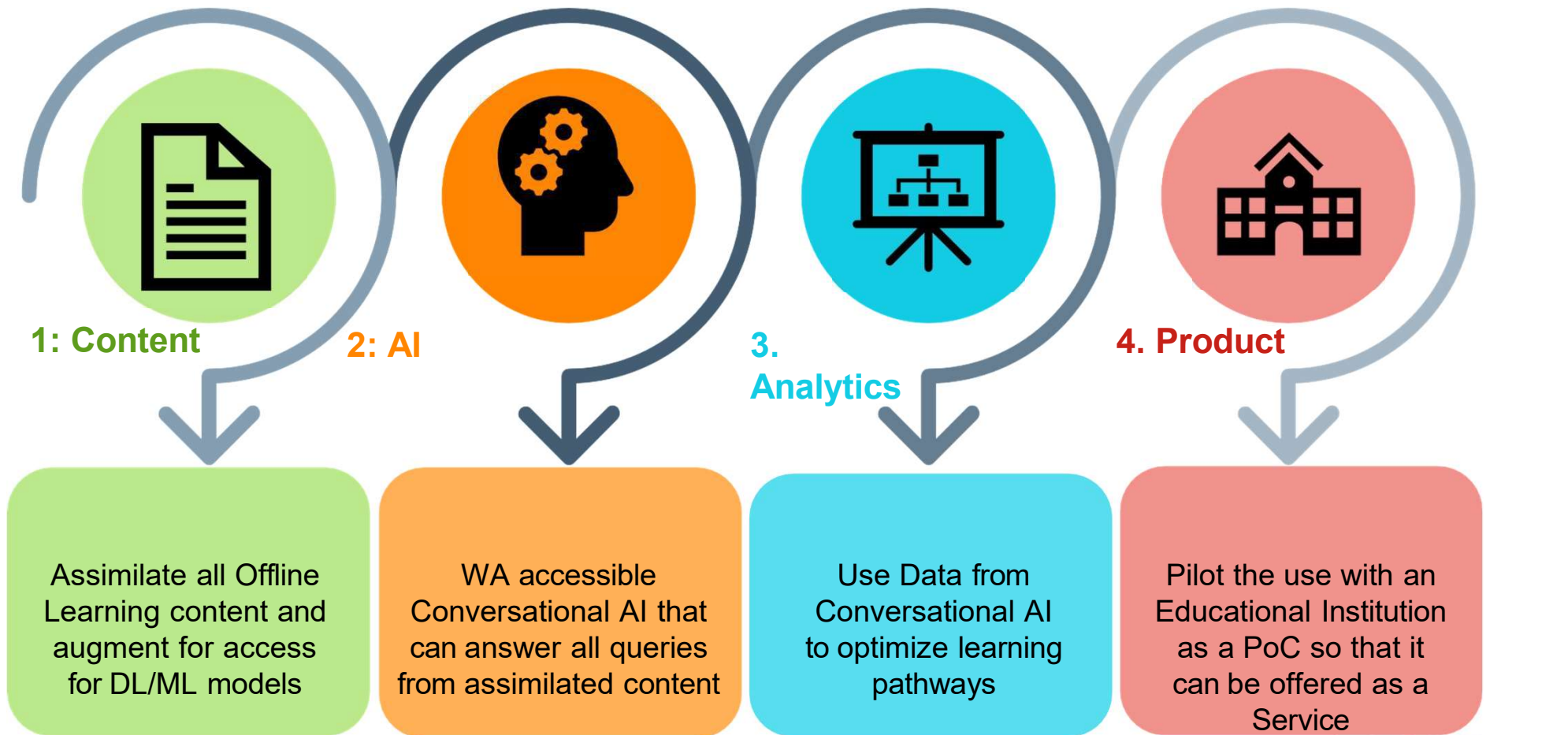


Key Differentiators & Adoption Plan

Learning **engagement** & **access** severely impaired by traditional pedagogy and digital divide resp.



Key Differentiators & Adoption Plan



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Thank You

Ritu, Ashish & Sanjeesh

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