



Presents...



The AI Powered Interactive Knowledge Delivery Framework

May 2021

Motivation...team *edupme* spent huge time to zero-in on motivation points to look for improvements in teaching-learning mechanism

Use AI to deliver knowledge

to one & all : the foremost point out of conclusion is effective use of Artificial Intelligence such that every user has customized replica of teacher for knowledge delivery.

Interactive & Adaptive delivery for

every sector of academia & industry : the tool should be designed to cater all sectors of teaching-learning such as management, social science, engineering, commerce, basic & applied sciences and so on.

A Framework to make world-class knowledge

accessible & affordable to masses : The most important part is such tool should enable institutes / teacher to distribute AI technology accessible and affordable to every corner.

“ed up me” ...methodology behind the framework

Constant check of what is not “Known” : The AI engine behind the framework constantly checking candidate for what is not known. More focus will be placed on weaker areas.

Evaluate – Recall – Revise – Progress The entire process goes through cycles of evaluation, recalling what is taught, revision of the study & progressing further. The cycle repeats for effective delivery.

Delivery tailored to each & every user (AI) The framework allots part of AI to each and every user tracking their progress and adapts for every user seamlessly.

Real time & on mobile Entire framework executes itself in real time at every delivery and is easily accessible on mobile devices.

The Framework...(what all components are included in framework)

Frontend : *A mobile App or A desktop App*

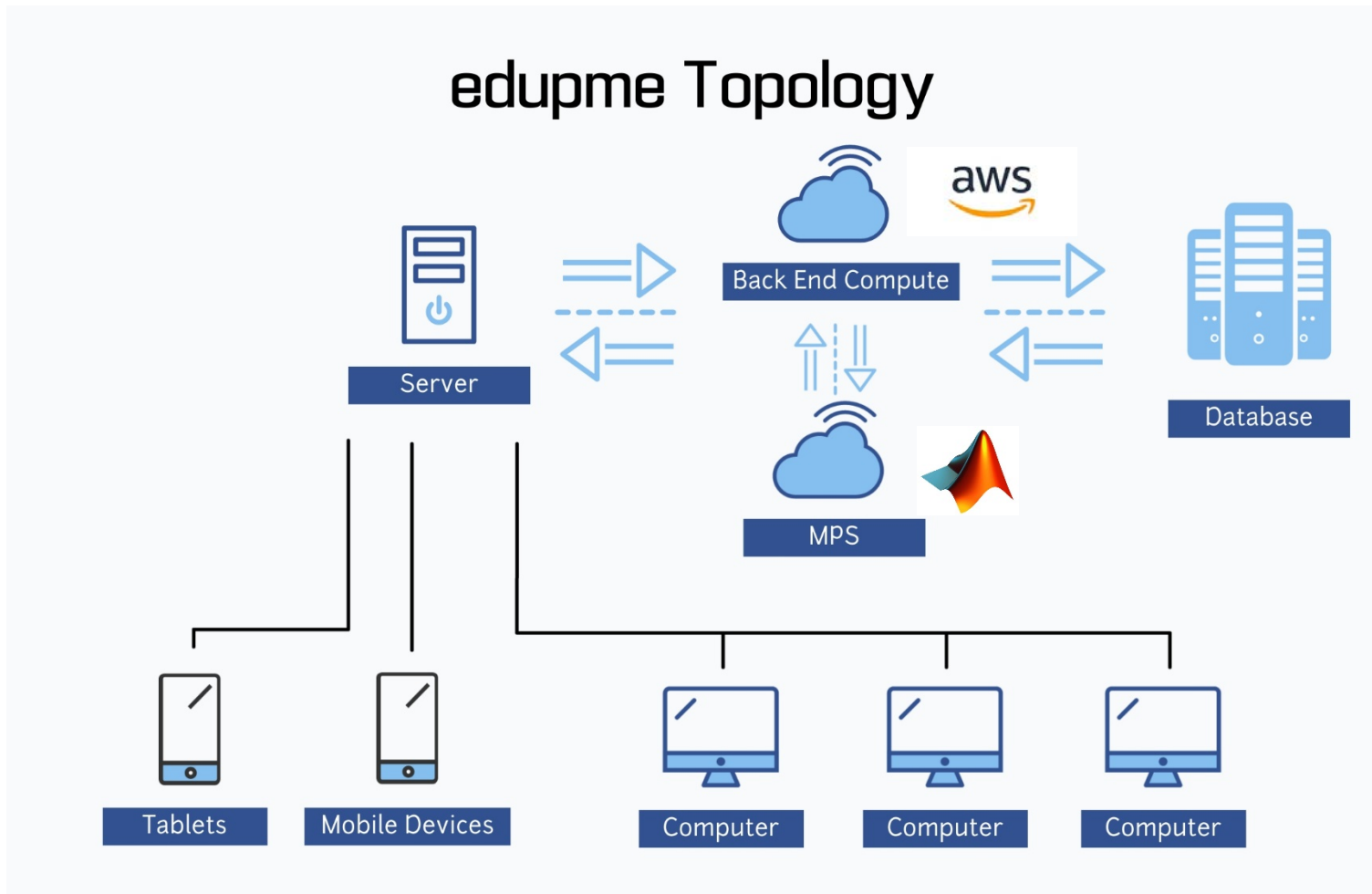
Backend : *Connected with existing ERP / LMS / Database / Content*

Content : *A content owner keeps the IP.*

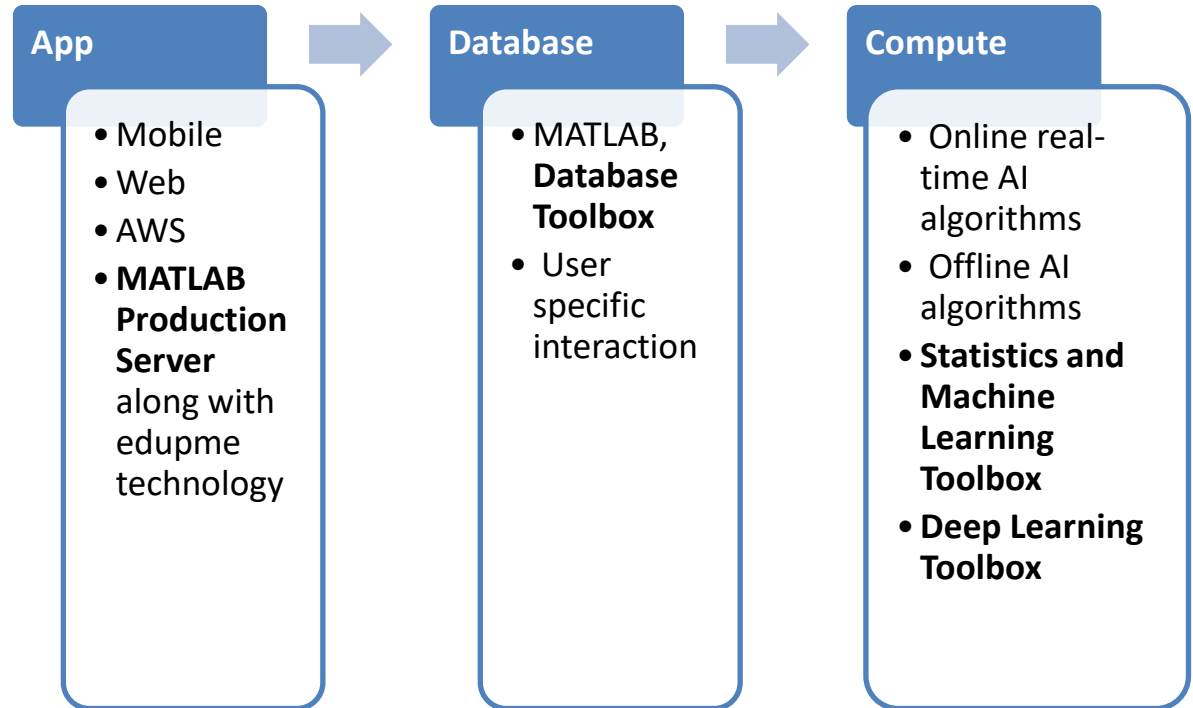
Teacher can dictate & formulate The Outcome

AI can be tuned *by connecting every
program – teacher – content – user – outcome*

The Framework...



The Framework...



Technology...

Work with every program *to define the need of institute*
The AI engine can be tuned for Course outcomes

Tune AI Framework *to make content available on*
mobile for all stakeholders such as tutors and students to enable them
seeing the improvements of better delivery.

Improving knowledge delivery *in various formats*

Micro modules on mobile devices

Class-room assistant

Lab & Practice Assistant

Data Analytics from University Perspective

MathWorks Elements...

MATLAB Production Server

Statistics & Machine Learning Toolbox

Deep Learning Toolbox

MATLAB Compiler

MATLAB Compiler SDK

Cloud Elements..

App on iOS, Android & Desktop Platform

Scalable IT Infra based on AWS

MathWorks advantage...

Flexible in production

Fast time to market

Agile & decentralized development

Ultra low latency in real-time

Summary

Quick change and deployment of AI

- Testing various algorithms offline
- Quick deployment online

Short dev to production time

- Matter of days

Scaling and concurrent use

- From 100 to 1000 in seconds
- Latency less than a second

Excellent MathWorks support

- Product knowledge

APTRaise Technologies...



C-Level Services

Technology | Development | Innovation
Execution | Strategy



AI Tech Based Software

edupme
Interactive Knowledge Delivery Framework
Software Kits
Platform Dependent Hardware



Smart Wearables

Healthcare
Exoskeletons - Industrial & Defence
VAR Hardware / Training

- 2600+ Engineers Trained by our Leadership Team
- 60+ years of Combined Academic Experience
- 85+ years of Leadership Experience
- 35+ years of Science & Technology Research
- 50+ Research Publications in Leading International Bodies
- 4 Engineering Text Books on Engineering Disciplines

- 75+ Engineering Domain Expertise
- 25+ Technological Innovations
- 65+ Talks on Research & Development
- 25+ International Locations Covered for Content Delivery
- 115+ International & Corporate Clientele Handled
- 200 mn\$+ Projects Handled

Thank You...

