Adaptive Learning Platform

INTRODUCTION

Adaptive learning requires the holistic understanding of learning requirements, from learners, educators and curators. ST Engineering's Adaptive Learning Platform (ALP) uses unique state-of-the-art algorithms to create personalised learning experience for individuals.

The technology is driven by a cognitive algorithm model which collects and analyse critical user interaction data, to determine the optimal sequence and difficulty level of content material for individual learners.

ALP uses a data-driven approach that delivers dynamic yet comprehensive learning experience tailored to individual's unique learning needs, pace and styles.

Empowering learners for effective learning

- Data analysis is performed at every instances. Pace, accuracy and knowledge retention are tested through a smart algorithm that decides individual proficiency.
- Data analytics from different dashboard offers users ability to review learning objectives. It offers users insights and awareness to different aspects of learning allowing them to refine the learning journey.

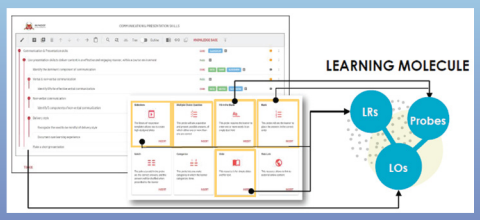
Tracking and monitoring for Educators and Curators

- ALP consists of Educator and Curator modules enabling authoring of adaptive content, conducting of classes and consumption of contents respectively for different level of content management.
- Educators can make changes to curriculum based on cohort data, shaping of content can be done effectively.

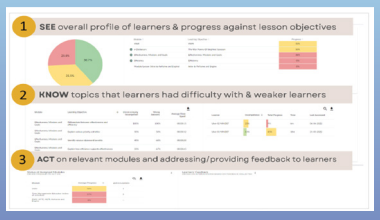
Key benefits

- Deep analysis of learning patterns allows heightened knowledge retention rates for learners.
- Insights to data that are easy to visualise.
- Learning patterns analysis can be performed to better tailor curriculum.
- Easy content management with agile functions.

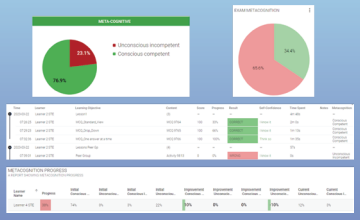
Highlights



Adaptive Learning
Adaptive and personalised learning approach



Granular Analytics
Real-time data analytics with analysis



Meta-Learning
Meta-learning approach to proficiency

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