Personalized Student-Centric Adaptive Learning with Educosoft

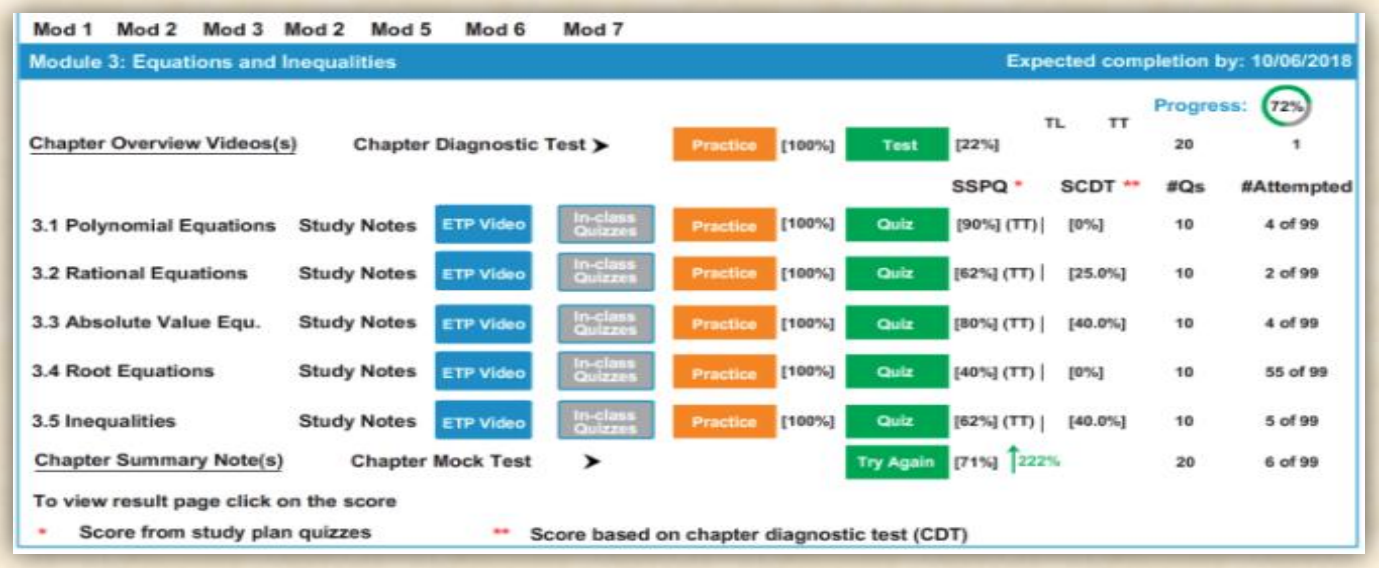
Unlike traditional instructor led classroom, instructions and one-size-fits-all model, Educosoft Adaptive Learning offers a perfect learner centric model with the following rich set of features.

Diagnostic assessment after thorough content review through Tutorials, Videos and Practice Test sessions:

- Personalized learning path based on performance in diagnostic assessment. The learning sequence is automatically adjusted in real-time, based on leaner's engagement and performance level.
- The learning path is embedded with just-in-time, relevant pre-requisites (foundation) content.
- The student's progress monitor auto alerts/indicates the learner to keep him on track.
- Instructor/educator dash board that tracks learners' progress in learning outcome.
- Flexible grading system customized to suite desired instructional approach.
- Reporting and data analysis for administration to gain insights into learning outcome.
- Full suite of standard modern LMS features and authoring tools.

The system diagnoses learner's proficiency over various key concepts in a course through single or multiple assessments. Based on the learner's performance, the system identifies each learner's strengths and weaknesses and creates a personalized learning path for each individual to help them achieve mastery over the concepts. The learning path outlines various concepts the leaner needs to improve, and prepare a sequence of activities to cover the identified knowledge gaps. Each concept has various types of learning resources; lecture videos, e-book, concept illustrations with animation and dynamic graphics, interactive examples and review exercises with corrective feedback.

Typical Student Activity and Progress Screen



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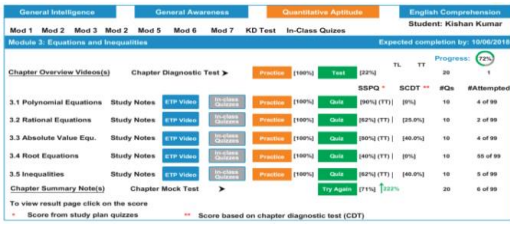
Key Features and Tools

Mastery Verification

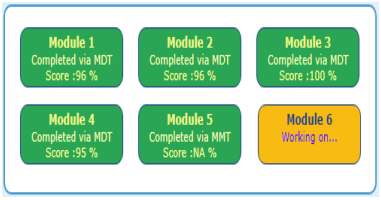
Verifies learner's mastery on concepts in a course, pinpoints strengths and weaknesses, and provides an effective learning path.

Personalized Learning Path



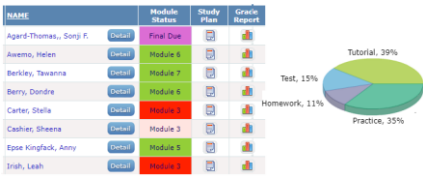
Clear path and sequence of activities from foundation to challenging areas, closing learner's knowledge gaps on identified concepts leading to mastery.

Learner's Dashboard



Constantly updated progress information reflecting current status, task ahead, recommended planning.

Instructor's Dashboard



Quick insight into each students progress, struggling areas, and engagement level.

Learning Resource Options

OPTIONS
Learing Ressource Center

E-Book, tutorials with animation, graphics illustration, audio video lecture, interactive examples and review exercises with corrective feedback.

Quick Reconfiguration Tools

Handy tools for course reconfiguration, adjusting mastery level criteria, assessment settings, study plan rules.. , based on insights from analytics in dashboard.

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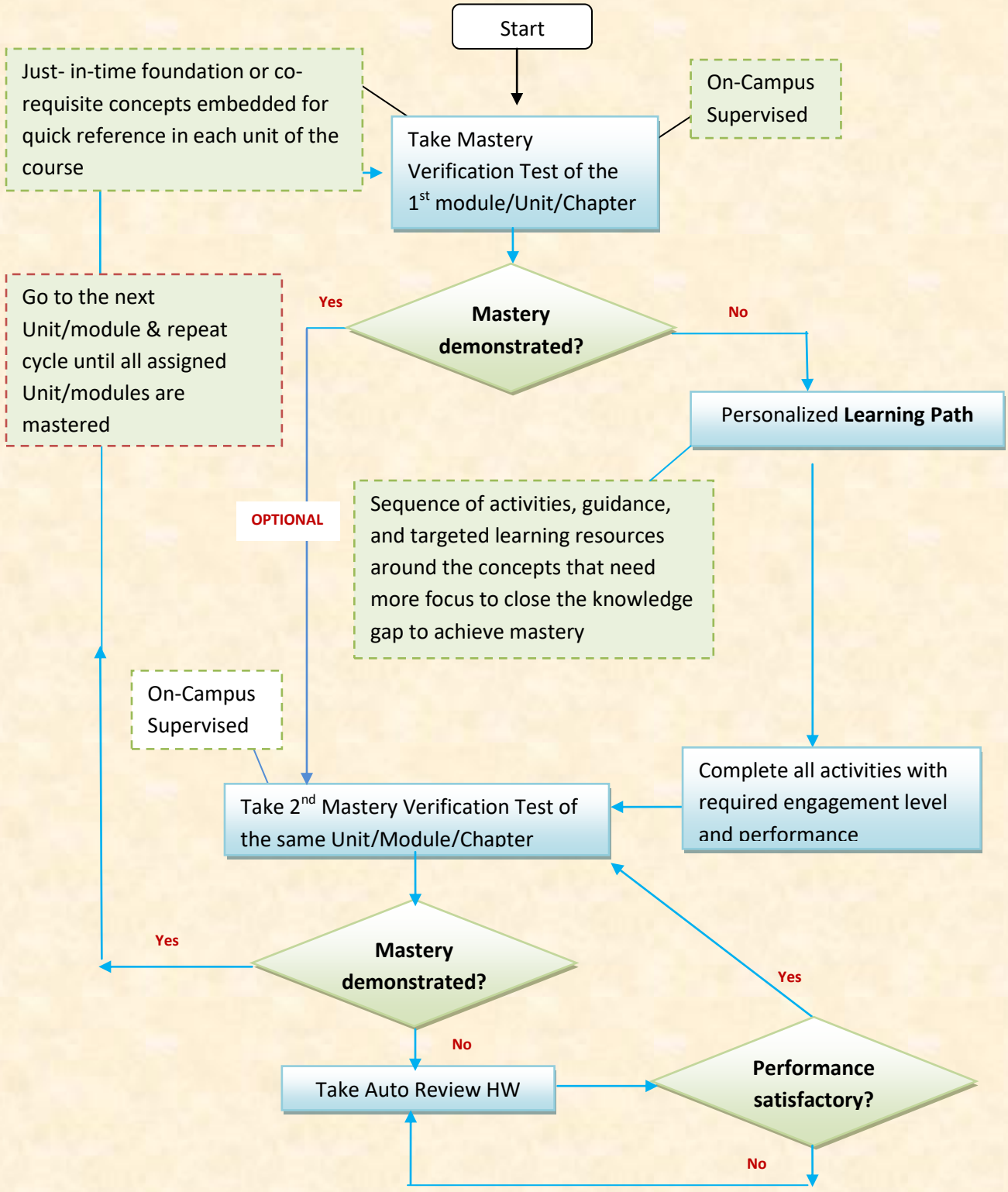
Student Progress in Adaptive Learning Flow Chart