



ASM Technologies Limited

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Open edX

IMAGINE | INNOVATE | CREATE | DELIVER

Open edX is an open source e-learning platform. Created by MIT and Harvard University, edX is an online service joined by hundreds of leading global institutions and being used by millions of people. Open edX provides a platform for enterprise training and capture tribal knowledge.

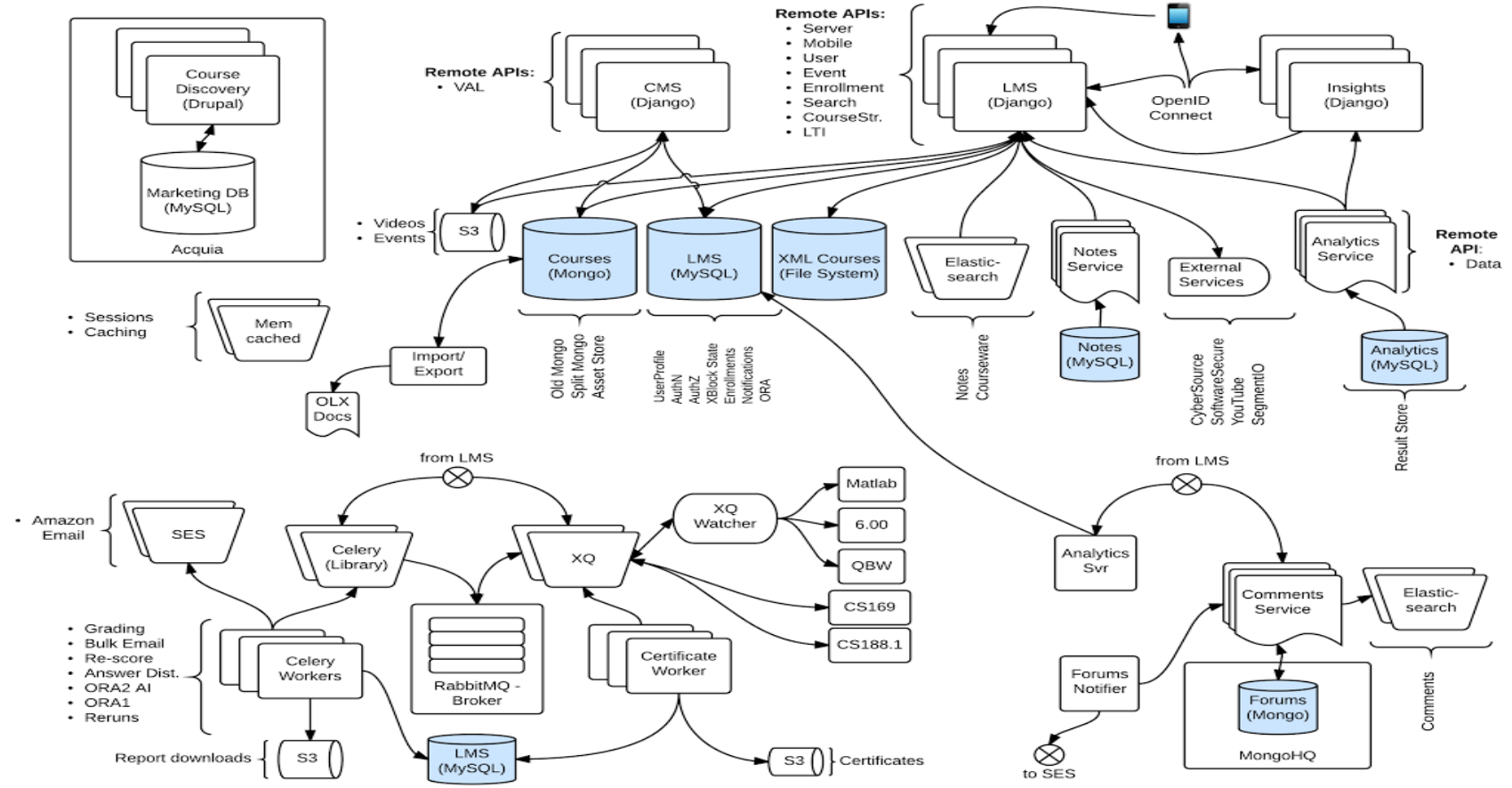
ASM is an edX partner, Open edX service provider and contributor.

- Customized learning management platform
 - ✓ Create course content
 - ✓ Enable learners to take course content
 - ✓ Track learner progress
 - ✓ Generate learner certificates
- edX framework includes online course material like text, interactive videos, advanced assessments, discussions wikis, metrics and more
- Customize edX depending on specific use-case



OPENedX

edX CMS, LMS, Insights Architecture 03.23.2015



➤ Learning Management System

- ✓ Learners
- ✓ Staff
- ✓ Instructors

➤ Content Management System

- ✓ Content creation
- ✓ Learner Experience

➤ Deployment

- ✓ Deploying on AWS, Digital Ocean, Azure etc..
- ✓ Hosting and Maintenance
- ✓ Course Migration from other MOOC's
- ✓ Feature Upgrades

➤ X- Blocks

- ✓ External Graders
- ✓ Gamification
- ✓ Virtual Reality video player

➤ Analytics

- ✓ Enrolment Stats
- ✓ Performance Analysis
- ✓ User Engagement Analysis

➤ Multiple Platform Integration

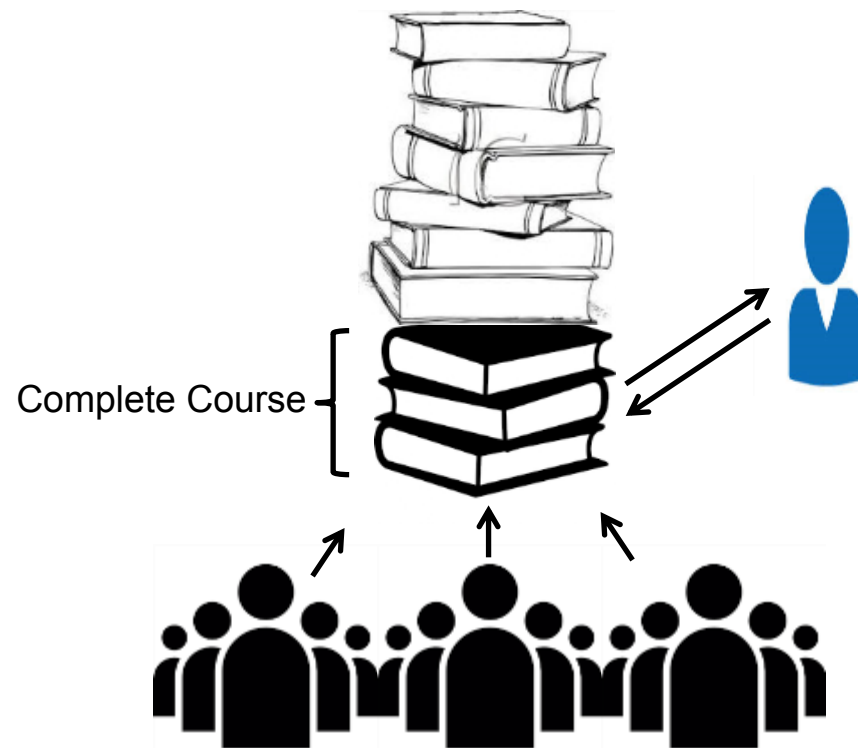
- ✓ Android
- ✓ iOS



Learning Management System is used to manage online content and manage distance learning processes. LMS enables Content providers to create and support a large number of online learning courses that can be accessed by students anywhere in the world.

Features

- ✓ Simple learner Enrollment
- ✓ Content import and LMS integration
- ✓ Convenient exam proctoring tools
- ✓ Convenient content Authoring & Management
- ✓ Custom Theming



Content Management System is the course authoring environment. edX studio allows Content developers to put content together in a way that reinforces learning, integrate videos, discussions and a wide variety of assessments over an easily assessable GUI.

Features

- ✓ Course content creation and management
- ✓ Integration of LTI components
- ✓ Course schedule
- ✓ Set Grading policies
- ✓ Customized course publication

edX is a powerful and engaging MOOC platform, however its implementation for production environment is complex as it requires specific hosting and infrastructure.

Features

- ✓ Deploying on AWS, Digital Ocean and Azure
- ✓ Hosting and Maintenance
- ✓ Course Migration from other MOOC's
- ✓ Auto Backups
- ✓ Certificates and Open Response Assessment (ORA) configuration

X-Block is the SDK (software development kit) for edX MOOC platform. X-Blocks can be used to represent individual problems, web-formatted text and videos, interactive simulations and labs, or collaborative learning experiences.

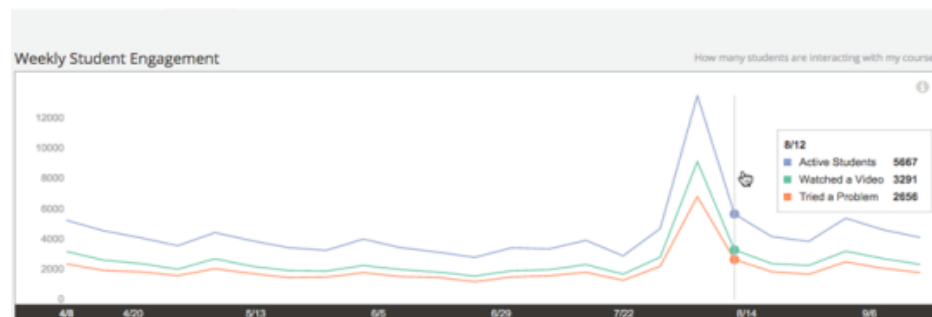
Features

- ✓ Integration with third party systems
- ✓ Gamification
- ✓ External Graders for various programming languages and databases
- ✓ Adaptive learning approaches
- ✓ Custom courseware content
- ✓ Virtual Reality 360 video player

edX analytics or edX Insights makes information about courses available to course team members who have the Staff or Admin role. edX Insights provides these course team members with data about learner activity, background, and performance throughout the course. Using edX Insights can help you monitor how learners are doing, and validate the choices you made in designing your course. It can also help you re-evaluate choices and inform efforts to improve your course and the experience of your learners.

Features

- ✓ Evaluating reported data against your expectations and hypotheses.
- ✓ Understanding the context of the course run: the environmental factors and choices that make each run unique.
- ✓ Deciding whether action is called for.
- ✓ Selecting the action to take, and when.





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THANK-YOU

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