

# SIAS-LMS (Learning Management System) 3.x

## 1. Online Meetings:

- Integrated with Enrollment system (no re-encoding)
- Automatically generated Class List
- Integrated with Calendar of Activities
- Integrated with Scheduling Wizard
- Automatic generation of Online Meeting schedules
- Synchronized, conflict-free & calendar-style scheduling of online meetings
- Easily monitor schedules of Online Meetings for both students and teachers.
- No need to broadcast or notify students the Zoom/Google Meet IDs or links
- Integrated SMS Notification system for broadcasting schedules, Meeting IDs or any information to ALL students, parents, guardian or sponsors in a class
- For every entry of absence or late, the system automatically sends SMS notifications to students, parents, guardian or sponsors
- Class Absences Report

## 2. My Online Tasks (Quizzes, Exams, Assignments & Projects):

- Integrated with Calendar of Activities
- Synchronized and conflict-free scheduling of Online Quizzes and Exams
- Calendar style scheduling of deadlines for Assignments and Projects
- Embed or paste pictures in test questions and choices
- Allows teachers to input several possible correct case-neutral answers in questions such as Identification. Automatically cleans and trims extra spaces.
- Supports tasks which require students to upload a picture, document, compressed file or paste URL/link
- Automatically randomize sequence of Test Items in Quizzes and Exams
- Teachers easily open/check/score those uploaded pictures, documents, compressed files and pasted ULRs/Links in response to test questions, assignments and projects
- Teachers cannot give score to test items that were not answered by students
- Easily monitor schedules and deadlines of tasks today and next 3-7 days for both students and teachers.
- Displays real-time remaining time before Online Task timer runs out.
- Allows Re-entry in Online Tasks for as long as there is still time before timer runs out (useful when student accidentally closed the browser)
- Teachers can repeat/reopen any Test (Quiz, Exam, Assignment, Project) in another schedule which will give students additional time to complete or rethink of their answers

- Teachers can open/view submitted quizzes, exams, assignments and projects per student enrolled in the class
- Teachers can allow/disallow students in checking their scores in a particular Test
- No need to broadcast or notify students the Zoom/Google Meet IDs or links

### 3. Grading System:

- Integrated with Enrollment system (no re-encoding)
- Adaptive / user-defined grading system
- Complete class record that can be checked online by school admin
- Support RAW scores (Quizzes, Periodic Test, etc.) with automatic transmutation
- Automatically retrieve RAW scores from Online Tests (Quizzes, Exams, Assignments & Projects)
- Entry for Observed values, Adviser comments
- Automated Reports (i.e. Report Card, Transcript of Records)

### 4. Learning Resources / Modules:

- **Synchronized** learning resources and modules
- Collaborative development of learning modules
- Learning modules are permanent and cumulative
- Copy all learning resources from one subject to another
- Synchronized online quizzes and exams
- Automatically accessed by students based on their enrolled subjects (no need for teachers create classes and post the modules every semester)
- No need for separate online account like Gmail which confuses everyone
- Video tutorials uploaded in youtube.com
- Reading materials or eBooks in PDF format (preferred) or other formats
- Copy LMS module from one subject to another

### Reasons to choose Digital Software:

1. **VERY ACTIVE DEVELOPMENT:** We publicize new updates, changes, bug fixes and new features in our website and facebook so you are assured that our systems are still alive and actively maintained
2. **DOWNLOADABLE:** Upgrades and updates are downloadable from website.
3. **UPGRADABLE:** Our systems installed 10+ years ago can be upgraded to latest version in just a few minutes by simply running our Upgrade Modules.
4. Minimal and consistent UI & multiple windows in one page
5. **Client-side UI technology** which maximizes the power of the client browser.
6. All requests sent to the server are **Authenticated** and **Encrypted** even without SSL.

7. Javascript code is minimized and **Obfuscated** to prevent debugging or reverse engineering.
8. All reports (**PDF** and **Excel**) are generated by the client browser in **OFFLINE** mode
9. Ability to upload large files with progress % sent status
10. Enabled gzip compression for faster retrieval of both static and dynamic data
11. The browser automatically downloads the latest version when a new version is available.

### **Technologies Used:**

1. Online / Web-based / Cloud / Real-time
2. Visual Studio 2013 SP5 (2015)
3. C#.NET / Microsoft .NET Framework 4.8 (2016)
4. Microsoft ASP.NET Web API 2.2 (2015)
5. MariaDB 10.4 Database Server (2019)
6. Microsoft TypeScript 1.8 (2016)
7. QooxDoo Javascript Framework 5.0.2b (2019)
8. Javascript Obfuscator 2.47 (2019)
9. PDFmake 0.1.64 (2020)