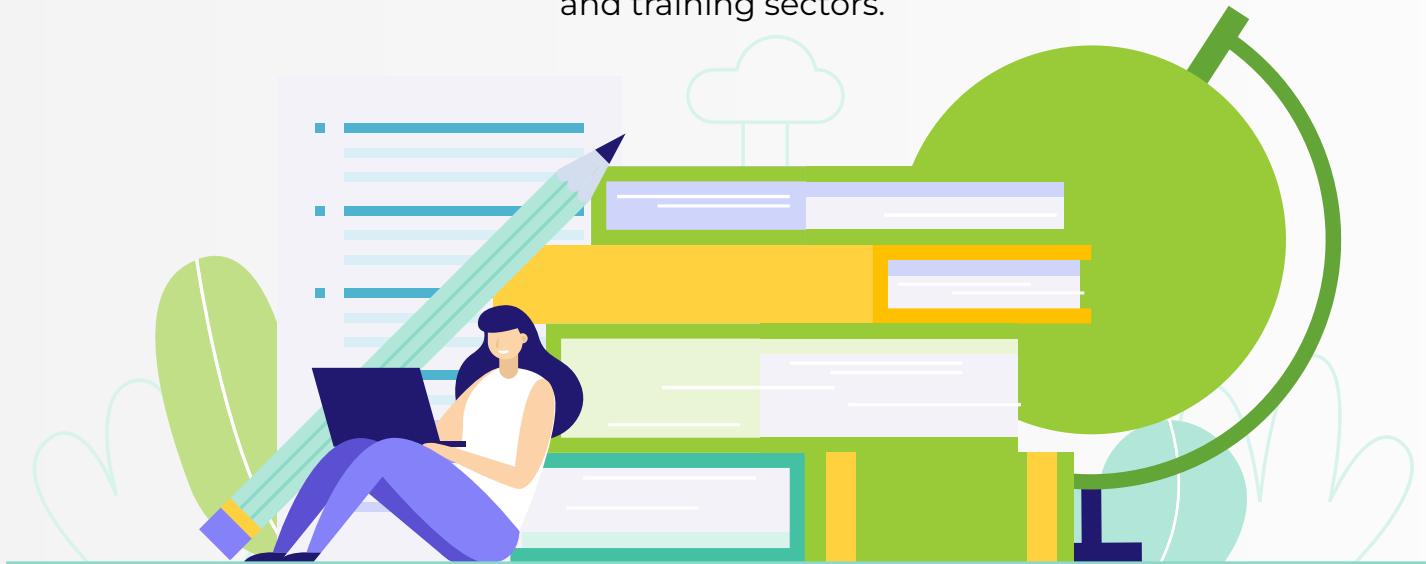


eduSYMS /ɛdju'sɪms/

The term "eduSYMS" was coined by concatenating the first three letters (Edu) of education with the last four letters (syms) of systems; thus, "eduSYMS" was born to solve educational problems through innovative approaches to the use of technology to provide fast, secure, reliable, and learner-centric solutions that address technological deficiencies in the African education and training sectors.



INTRODUCING **eduSYMS**

Fast reliable secure and Learner-Centric

eduSYMS is an innovative student information management system that puts students first! This eco-solution is transforming education in South Africa by providing easy access to quality educational resources and support. With a focus on improving the quality of management at schools, clubs, and other educational organizations, **eduSYMS** helps with everything from planning to performance evaluation.

This presentation is an exciting opportunity to learn about **eduSYMS** and the impact it's having on schools in South Africa. The aim is to show educators and school administrators the value of **eduSYMS** and how it can help them better manage their resources and support their students. Topics covered in this presentation include the challenges **eduSYMS** solves, the innovative solution it offers, who the target audience is, how the system makes a difference, and much more. By the end of this presentation, you'll see why **eduSYMS** is the future of education in South Africa!

Problem Statement

The education system in South Africa faces a number of challenges, including:

1

Inadequate infrastructure and resources - Many schools in South Africa lack basic facilities and resources, such as textbooks, classrooms, and technology.

2

Inequality - The education system is highly unequal, with students from lower-income backgrounds facing significant disadvantages compared to their peers.

3

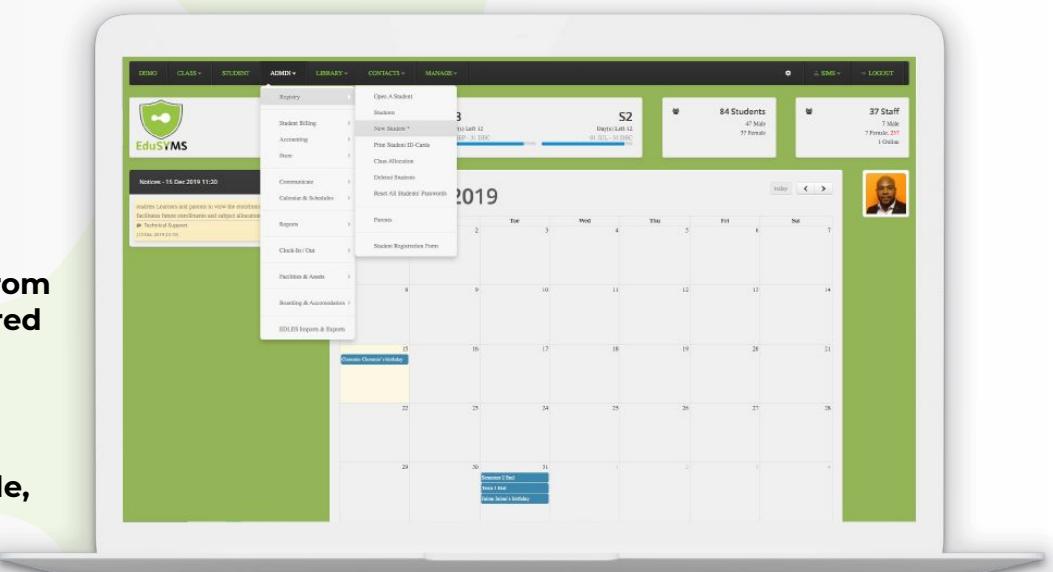
Low teacher quality - The quality of teachers in South Africa is variable, with many teachers lacking the necessary training and support to provide quality education.

4

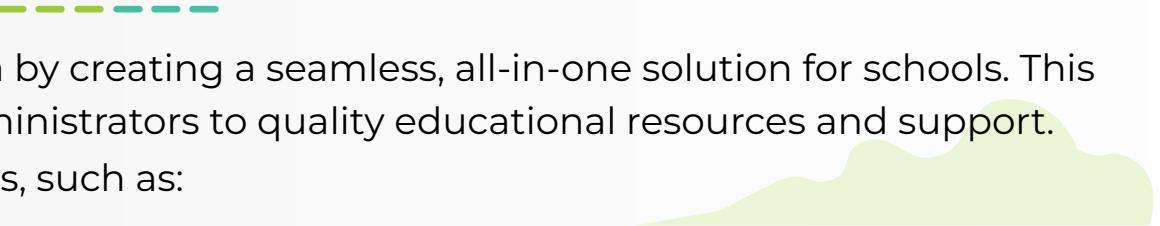
High dropout rates - The dropout rate in South Africa is high, with many students leaving school before completing their education.

5

Poor academic outcomes - Despite the efforts of educators and students, the overall academic outcomes in South Africa remain low, with many students failing to reach their full potential.



How eduSYMS is addressing these challenges.



eduSYMS is revolutionizing education in South Africa by creating a seamless, all-in-one solution for schools. This solution connects students, teachers, parents, and administrators to quality educational resources and support.

Schools using **eduSYMS** will enjoy a variety of benefits, such as:

- **Abundant Learning Materials** - **eduSYMS** provides students with a wealth of educational materials, including textbooks, videos, and interactive resources to support their studies.
 - **Expert Tutoring** - The solution offers online tutoring services, connecting students with knowledgeable and experienced tutors who can help them reach their full potential.
 - **Tailored Education** - **eduSYMS** uses cutting-edge algorithms to personalize each student's learning experience, ensuring they get the support they need to thrive.
 - **Fun and Engaging Learning** - **eduSYMS** adds an element of gamification to learning, making it enjoyable and interactive for students.
- 



TEACHER|STUDENT

With **eduSYMS**, schools in South Africa can finally tackle the hurdles hindering student success.

This innovative solution offers top-notch educational resources and support, ensuring that every student has the tools they need to excel. Best of all, **eduSYMS** is not only eco-friendly, but it's also accessible, budget-friendly, and user-friendly. With **eduSYMS**, quality education is no longer just a dream for students, but a reality.



Student Portal

Student's gateway to the virtual campus, lessons, assessments...



Teacher Portal

Collaborative Learning Tools, Course Management, Students ..



Management Portal

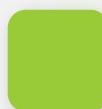
Monitoring and evaluation, Customised reports, QMS...

SOLUTION

eduSYMS is an online education eco-solution that provides students in South Africa with access to quality educational resources and support.

The eco-solution works as follows:

- **Enrolments** - Students sign up for an account on the **eduSYMS** eco-solution.
- **Access educational resources** - Students have access to a wide range of educational materials, including textbooks, videos, and interactive resources. The eco-solution also offers online tutoring services.
- **Personalized learning** - **eduSYMS** uses advanced algorithms to personalize the learning experience for each student, ensuring that they receive the resources and support they need to succeed.
- **Engagement** - The eco-solution incorporates elements of gamification, making learning fun and engaging for students.



With **eduSYMS** eco-solution, students in South Africa now have the opportunity to receive quality education from anywhere, as long as they have access to the internet. This innovative solution is not only budget-friendly, but also user-friendly, allowing students to effortlessly reach their academic aspirations and excel in their studies.

#01

COURSEWARE

Audio, Video, PDF,
Word, PowerPoint,
eBook,

#02

TIMETABLE

Auto-Generate,
Available online in
real-time

#03

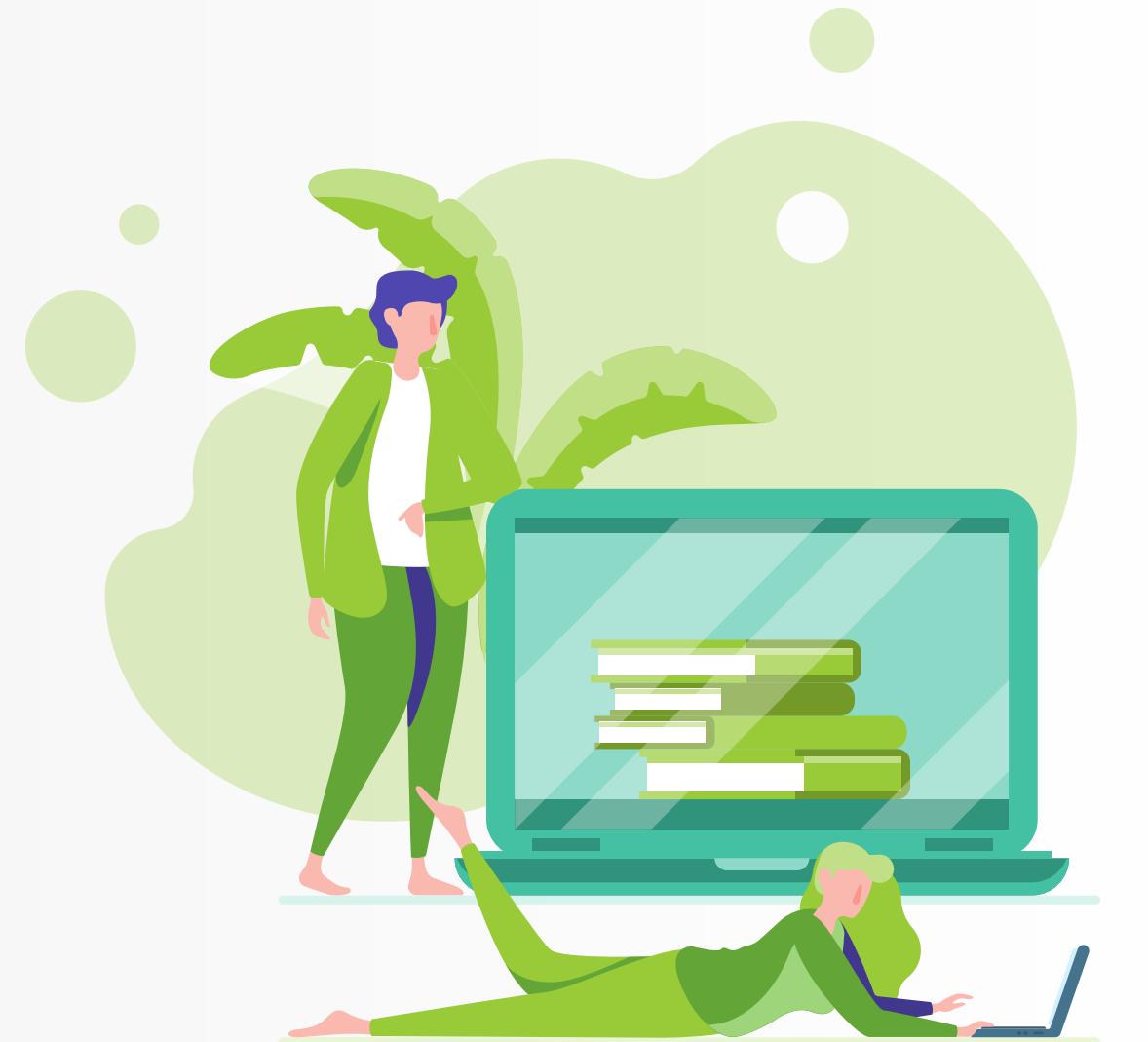
LESSON PLAN

Podcast, Video, Audio,
Docs

#04

ONLINE TEST

Online assessments via
student portal



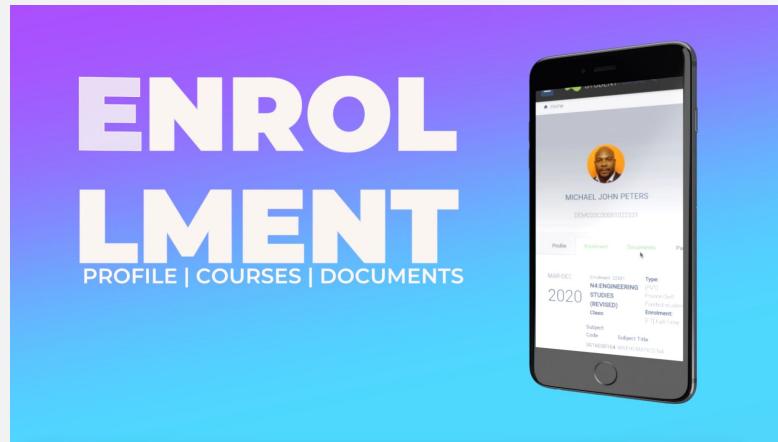
eduSYMS as an asset class

EDUCATION CANNOT STOP... THE FUTURE DEPENDS ON IT



eduSYMS is a student information management system that is designed to address the deficiencies in the education sector in Africa. This system is learner-centric, meaning that it is designed to put the needs of students at the forefront of its development. It is built to make education in Africa more accessible, efficient and effective by providing a comprehensive platform for managing student data and information.

eduSYMS streamlines the process of enrolling students, tracking their academic progress, and recording their results. It eliminates manual processes, reducing the risk of errors and increasing efficiency. This system also provides teachers with a platform to manage their classes and assignments, while administrators can use it to monitor the performance of both students and teachers.



+30^K

+60^K

MOBILE FRIENDLY

Responsive interface designed to work best on mobile.

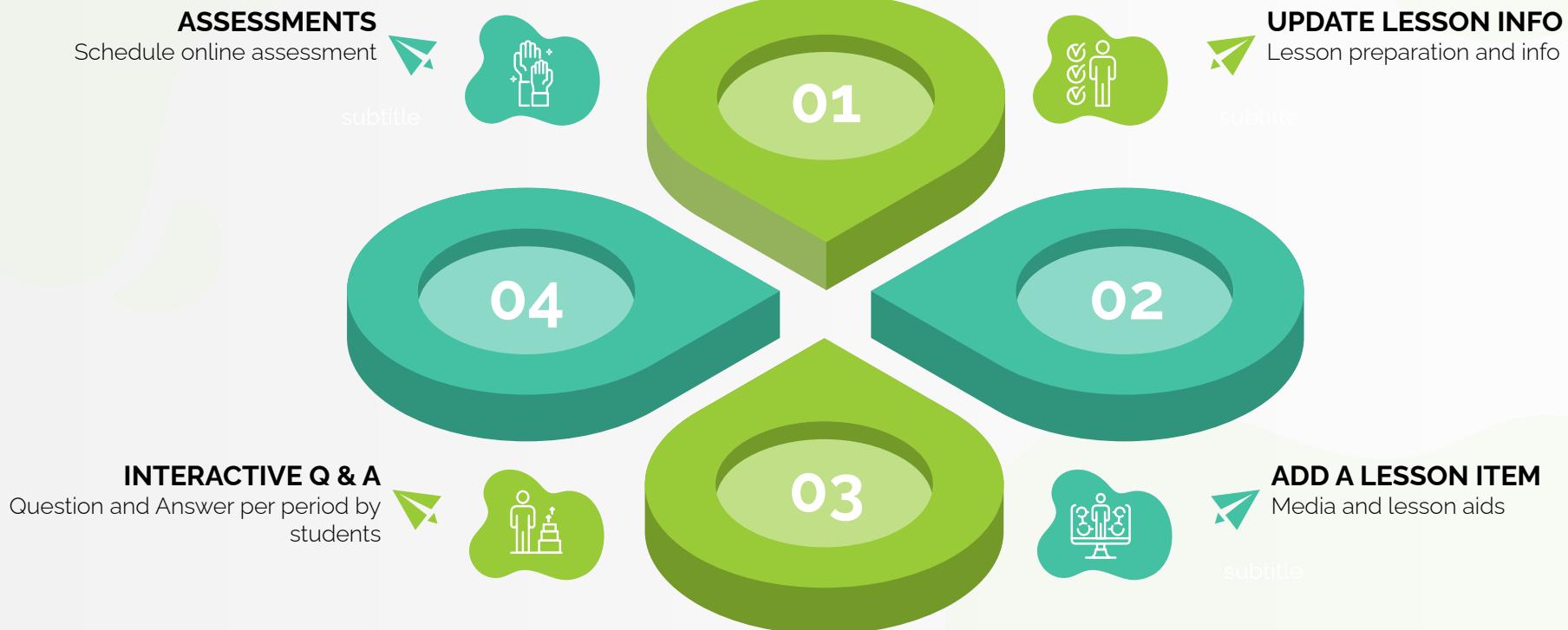
Best companion of your education needs. If you already have eduSYMS for your Institution; all you need is a deep-dive of the system.

The learner-centric approach of eduSYMS enables students to take control of their education by providing them with access to their academic records and performance data. This information is readily available, making it easier for students to track their progress and make informed decisions about their academic future.

- Online admissions.
- Reporting and Data Analysis.
- Assessment Management & Live Feedback.
- Student information management.
- Quality Content – Extensive list of Course options.
- Quick User Integration.

LESSON PREPARATION

Education cannot stop... The future depends on it.



ONLINE ASSESSMENTS

Take a test securely via STUDENT PORTAL

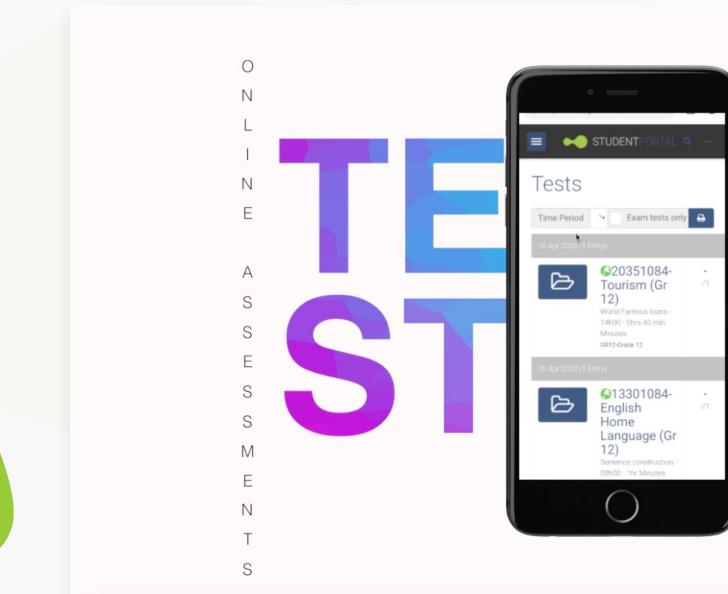
Converged System Created to make education fun with robust test questions design and marking

 Live Insights
Tracking both students performance and participation

99,9%

+60K

+30K



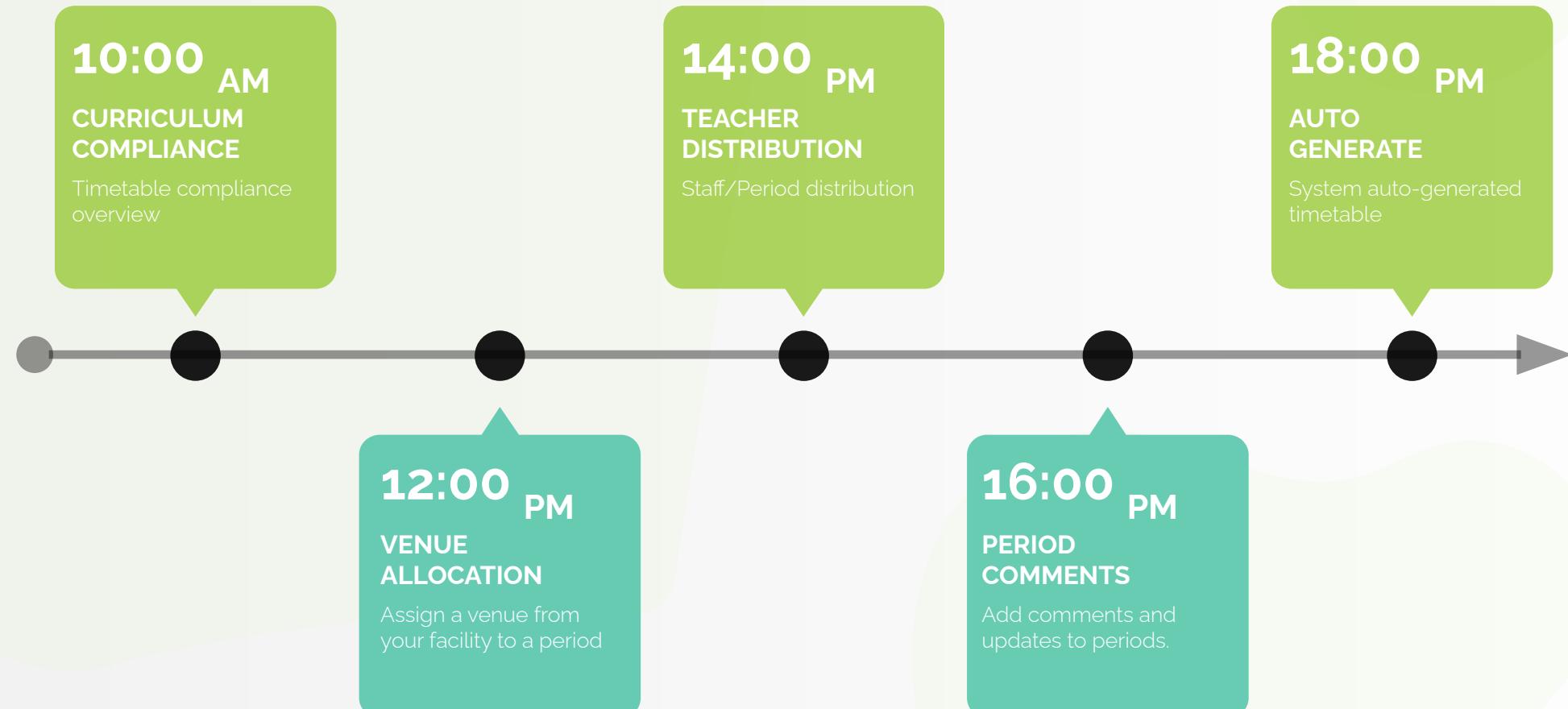
HOMEWORK PROGRESS TESTS

Design, publish and complete on the fly with automated marking.



TIMETABLE

Education cannot stop... The future depends on it



COURSEWARE

Spark students' interest and teach challenging.

+60K

E-BOOKS

VIDEOS

AUDIOS

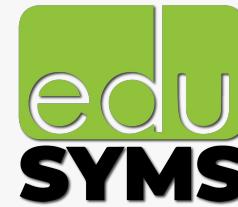
PROJECTS

ESSAY TEMPLATES

+40K

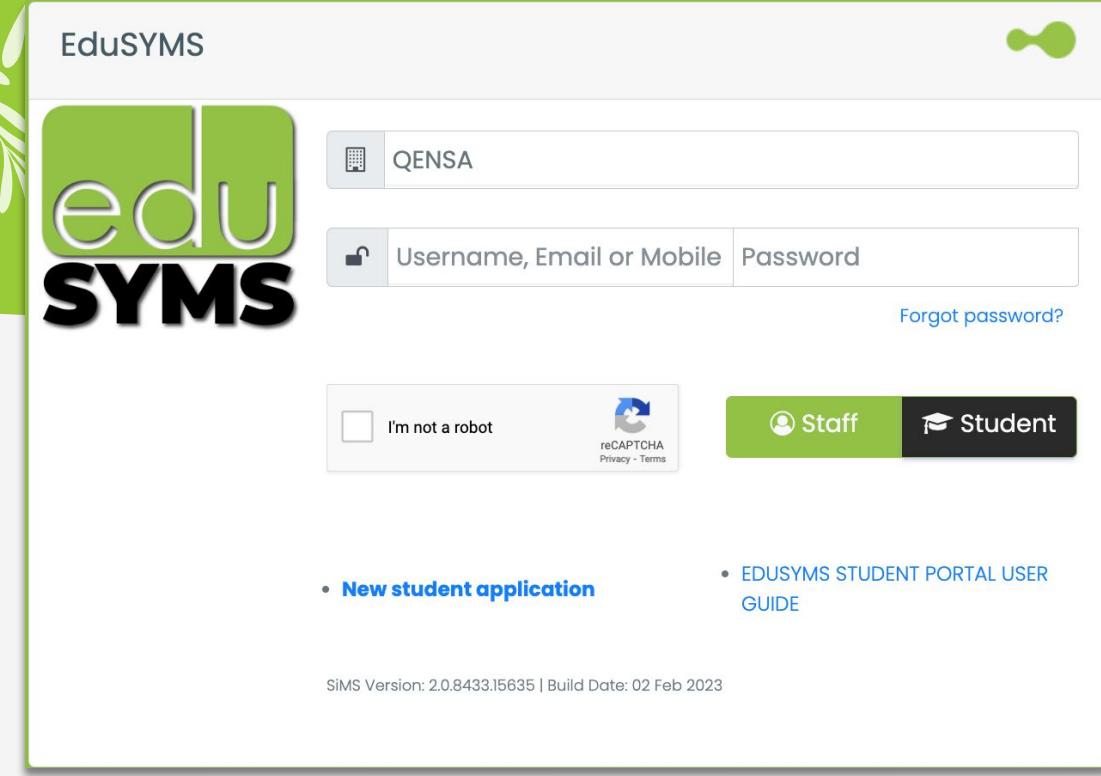
Subject materials developed or sourced by the Institution kept securely for permanent availability.





How **eduSYMS** is different from the existing solutions.

eduSYMS differentiates itself from existing solutions in several key ways.



PLAY A CRITICAL ROLE IN SHAPING THE FUTURE OF EDUCATION



EduSYMS is a game-changer in the education sector, providing cutting-edge learning solutions to schools. With a focus on enhancing students' outcomes and offering tailored learning experiences, EduSYMS is poised to revolutionize education in South Africa.

USER SUPPORT

Fast reliable secure and Learner-Centric

eduSYMS' **converged support systems** gives users the best **user experience** through live chat, guides, knowledgebase, **how to videos and screenshots**, every element comes with an instant online help platform that allows the user to instantly request **end user training**, orientation and support **seamlessly**.

The **online support agent** in attendance will simultaneously provide the relevant support required in the form of voice, video, text, CSV, or PDF file. This is done to avoid over documentation of help manuals, printing of unnecessary paper and facilitate relevance, speed and knowledge.



Notice the black and green dot at the bottom right of the screen?

- This is an instant help and support icon you can click request support on-demand.
- This live chat is available 24/7 with the support team ready to assist.

MODULES & FUNCTIONALITY

Fast reliable secure and Learner-Centric

eduSYMS boasts an impressive suite of modules for effective learning management, distance education, and streamlined financial management for schools. In the next section, we'll delve into these innovative modules, which are expertly crafted to simplify and enhance the educational experience.

Additionally, **eduSYMS** is a cutting-edge eco-solution, seamlessly connecting with any database, system, hardware, or platform that operates on open international standards. This opens up a world of possibilities for schools and learners alike.

The image shows a software application window with a light gray background. On the left, there's a vertical navigation bar with several categories: 'Class View', 'Campuses', 'Faculties', 'Departments', 'Enrolment Types', 'Academics', 'Sports', 'Fees & Levies', 'Budget & Banking', 'Demerit Codes', and 'Lookup Lists'. Below these are some utility functions: 'Import Course, Subject & Exam Dates', 'Export Candidate Entries', 'Import Candidate Entries', 'Export Year Marks - ENGINEERING', 'Export Year Marks - BUSINESS', 'Export Written Exam Marks', and 'Import Exam Results'. To the right of the main menu, there are three more sections: 'Profile' (with 'Signature', 'ID-Card', 'Documents', 'Timetable', and 'Logout'), 'Courses' (with 'Classes', 'Qualifications', 'Subjects', 'Course Subjects', and 'Exam Attributes'), and 'Student Information Form' (with 'Profile', 'Signature', 'ID-Card', 'Documents', 'Timetable', and 'Logout'). At the very bottom of the window, there's a footer bar with a green and blue decorative pattern and the text '/ 30 /' in the center.

COURSE MANAGEMENT

Fast reliable secure and Learner-Centric

As a leading learning management system, EduSYMS empowers administrators to easily load courses that are aligned with the Department of Higher Education and relevant regulatory bodies.

With its robust content management features, users can author, evaluate and assess courses, subjects, exams, tests and assignments with ease. Additionally, EduSYMS offers the ability to create engaging and participatory blogs based on different assignments, subjects, courses, faculties, departments, etc.

The platform provides access to wiki pages and a wealth of educational content both within and outside of the system, ensuring a comprehensive learning experience.

To ensure a smooth implementation and optimal use, an internal administrator will be trained and supported in exercising control over various aspects of the platform, such as size, space, allocations, assessments monitoring, and quality assurance.



Courseware Item

N1:ENGINEERING STUDIES (REVISED) - MATHEMATICS N1

Courseware Title: [Empty]

Type: -- Choose file type --
Audio Podcast (mp3)
Video (mp4)
Image (Jpg, Gif)
PDF Document
MS Word Document

File: No attachment

Manage course

- Subjects
- Symbols & Points
- Fees
- Progress Questionnaire
- Application Questionnaire
- Import Course, Subject Allocation
- Assignment
- Exam Results
- Progress Questionnaire
- Calendar
- Timetable
- Courseware
- Lessons

Add/Edit Course - TE

Code: 050111000 Title: N1:ENGINEERING STUDIES (REVISED)

Succeeds: -- None --

Department: [N-ENG] NATED ENGINEERING STUDIES

Manager: [MALEMA] Lehumo Francis

Enrol: Termly

Examine: Termly

Description:

Field/Area: ENGINEERING

Report Weighted Marks:

Span: 3 Months Level: NQF# FTE #: Dept#: 0

Must pass at least 4 subjects to be promoted

Including any subjects defined as compulsory

Display photos on Abridged EOT Report:

Show Class/Subj Positions on EOT Report:

Show ruling on EOT Report:

Show Passed (Y/N) on EOT Report:

Close **Delete** **Save**

Save Item

COLLABORATION TOOL

Real Time Communication & Collaboration Tool Built on Modern Web Technologies

With Video, Audio and Screen Sharing Communication, and Live Chat features.

Enables you to communicate and collaborate with others and Chat in Real-Time.

- Video Conferencing,
- Live Classes,
- Webinars,
- Audio Conferencing,
- Podcasts.



The screenshot displays a comprehensive view of the eduSYMS collaboration tool's features:

- Top Right:** A search bar with the placeholder "Type anywhere to search..." and a magnifying glass icon.
- Header:** The eduSYMS logo and navigation icons.
- Meeting Type Selection:** A grid of options including AUDIO CONFERENCE, LIVE CLASS, PODCAST, VIDEO CONFERENCE, and WEBINAR.
- Optional Configurations:** Fields for "Enter Meeting Code" and "Keep Meeting Live".
- Control Panel:** Includes icons for "Leave Meeting", "End Meeting", "Device & Bandwidth", "Share Files", "Toggle Autohide (On)", and "Toggle Fullscreen".
- Live Chat:** A sidebar showing a list of participants and a message from "Malema.lehumo".
- Bottom Left:** A "Meeting Code" pop-up window showing "Meeting Code: 9E842N" and "Click copy and share it with your peers." with "CANCEL" and "COPY URL" buttons.
- Middle:** A large video feed showing a hand-drawn mathematical equation "3+3 = ?" with a checkmark and a percentage symbol (%).
- Top Center:** A "Share your screen" dialog box showing a list of application windows available for sharing.

MONITORING & EVALUATION

The rule engine embedded in the workflow allows for dynamic monitoring and evaluation during engagement, providing a flexible and configurable solution.

- Registry & Enrolment
- Sports Enrolment
- Exams & Academic Performance
- Teams & Sport-Codes
- Academic Schedules & Timetables
- Sports Schedules & Timetables
- Students
- Player's Reports
- Staff

- Subject Exam Results
- Class Exam Results
- Class Performance Analysis
- Class Assessment Schedule
- Subject Performance Analysis
- Academic Transcripts
- Demerit
- Student Timetables
- Student Weekly Attendance
- Student Attendance Days
- Unaccounted List

- Enrolment Lists
- Class Lists
- Class Distribution
- Enrolment Summary
- Enrolment Schedule
- Subject Enrolment
- Graduation List
- Team Lists
- Team Distribution
- Sport-Codes Summary
- Sport_Codes Schedule
- Enrolment By Disciplines

- Metrics Analysis
- Team Metrics
- Team Performance Analysis
- Team Assessment Schedule
- Exam Schedule
- Class Timetable
- Tournament Schedule
- Team Timetable
- Demerit
- Player's Timetable
- Player Weekly Attendance
- Player Attendance Days
- Unaccounted List

- Staff List
- Teaching Timetables
- Coaching Timetable
- Staff
 - Attendance
 - Bulk Attendance
 - Holiday
 - Leave
 - Meeting
 - Asset
 - Document
 - Company Policy
 - HR
 - Performance
 - Indicator
 - Appraisal
 - Training

CUSTOMISED REPORTS

The eduSYMS platform provides standard and customized reports necessary for the smooth running and administration of schools and comprehensive Technical and Vocational Education and Training Colleges in South Africa, adhering to all relevant regulations, policies, procedures, and laws in the education sector.

The screenshot displays the eduSYMS platform's reporting section. On the left, a sidebar lists categories like Registry & Enrolment, Sports Enrolment, Exams & Academic Performance, Teams & Sport-Codes, Academic Schedules & Timetables, Sports Schedules & Timetables, Students, Player's Reports, and Staff. The main area is divided into several boxes:

- Subject Exam Results**: Class Exam Results, Class Performance Analysis, Class Assessment Schedule.
- Enrolment Lists**: Class Lists, Class Distribution, Enrolment Summary, Enrolment Schedule.
- Metrics Analysis**: Team Metrics, Team Performance Analysis, Team Assessment Schedule.
- Exam Schedule**: Demerit, Player's Timetable, Player Weekly Attendance, Player Attendance Days, Unaccounted List.
- Class Timetable**: Team Lists, Team Distribution, Sport-Codes Summary, Sport_Codes Schedule, Enrolment By Disciplines.
- Tournament Schedule**: Staff List, Teaching Timetables, Coaching Timetable.
- Team Timetable**: Unaccounted List.

The screenshot shows the Student Portal interface. At the top, it displays the user's profile (S200300005, Maphakela Mokgadi Francis, 09 NOV 11:28:16) and a notification count of 2. The main content area shows a lesson for MATHEMATICS N1, Lesson 1, dated 09 Nov 2020. It includes a list of files (PDF, MP4, PNG, MP3, PPSX, DOC, XLS), a question & answer section (How do I upload assignments? Click on the black button 'Upload Assignment'), assignments (Test:Exam Attendance Register - TEST 1.pdf), and lesson remarks (I enjoyed this lesson and I can proudly say that I am good in it. Nov 9 2020 11:58).

QUALITY SCALABLE EDUCATION

An education system that provides high-quality education to a large number of students in a cost-effective and efficient manner.

As a leading solution provider, **eduSYMS** boasts a formidable capacity to handle an impressive user base of up to 100 million individuals, as well as an astonishing number of transactions totaling up to one trillion. The actual capabilities of **eduSYMS** will depend on several key factors, such as the size of the instance assigned to the client, the availability of internet bandwidth, and the performance of the end-user device.

Flexibility and scalability are at the heart of **eduSYMS**, which can seamlessly integrate with any system, database, communication platform, or medium to suit the unique requirements and regulations of each client. With free upgrades and patches included as part of the maintenance and support package, our customers are always assured of the latest and greatest features and advancements in education.

Built on modern web standards such as HTML and XHTML, **eduSYMS** is a cutting-edge solution that is both compatible and accessible. The **eduSYMS** instance can be centrally installed on one or more servers, and our cloud-based solution is readily available via a secure, https-based connection over the internet. With a user-friendly, web-based interface for both public and protected sections, **eduSYMS** is compatible with popular internet browsers, including Internet Explorer v8 and higher, Mozilla Firefox v3.6 and higher, Safari v3 and higher, and Chrome v10 and higher.

At **eduSYMS**, accessibility and functionality go hand in hand. Our solution can be adapted to accommodate individuals with visual impairments, with easy-to-use features such as magnified links and process activation areas. The cloud-based nature of **eduSYMS** ensures stability, with the added bonus of potential redundancy and nominal connectivity costs.



The screenshot displays the **eduSYMS** software interface. On the left is a vertical navigation menu with options: Dashboard, Staff, HR (selected), Attendance, Holiday, Leave, Meeting, Asset, Document, Company Policy, HR, Award, Transfer, Resignation, Trip, Promotion, Complaints, Warning, Termination, Performance (selected), and Training. The main content area shows a modal window titled "Appraisal Detail". It includes fields for "Branch :" and "Employee :" (both empty), a section for "Technical Competencies" (Customer Experience : Expert / Leader, Administration : Expert / Leader), a section for "Organizational Competencies" (Professionalism : Advanced, Attendance : Advanced), and a "Remark" section (with "Founder" listed). In the bottom right corner, there is a smaller window titled "System Admin - Backup SIMS" showing a table of backup statistics.

File	Count
file_imports	2639
course_subjects	2077
subjects	1815
tests	681
exam_schedule	672
course_exam_symbols	514
billing_schedule_students	248
lookup_ids	244
students	223
staff	150
departments	96
settings	92
courses	85
billing_account_statements	74
class_timetable	56
class_teachers	49
student_subjects	21
class_timetable_subjects	20
department_levels	13
faculty_types	12
test_students	10
terms	9
msg_sms_recipients_archive	10
msg_sms_recipients	9

ALL ROUND 247 SUPPORT

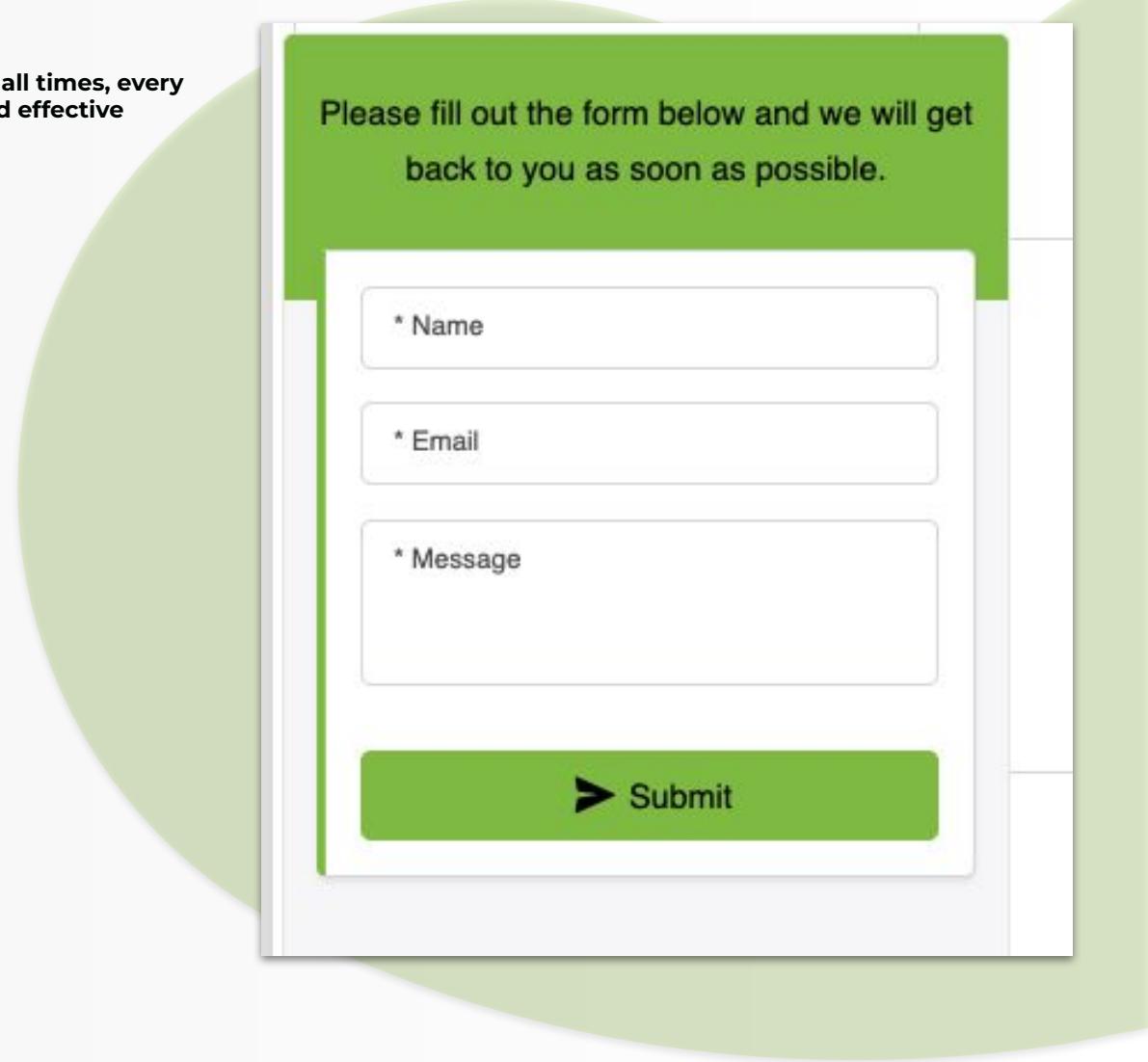


24/7 support is a level of customer service and technical support that is available to customers at all times, every day of the year through various channels such as phone, email, live chat, etc., to provide quick and effective assistance and minimize downtime.

As previously stated, EduSYMS has a built-in instant support feature. It is staffed by a support agent who is always available to provide guidance, troubleshoot issues, and supply any necessary scripts, training materials, and user manuals related to the process.

Our training program covers a range of groups, from end users such as students and parents to super users, system administrators, and content administrators. To see how our virtual training and support works in real-life scenarios, please refer to our knowledge base.

Our project and service delivery model includes a comprehensive support structure, which is described in more detail in the section on maintenance and support. We guarantee a prompt response time, with bug fixes taking no more than 4 hours and assistance with user guidelines provided within 30 minutes.



Please fill out the form below and we will get back to you as soon as possible.

* Name

* Email

* Message

 Submit

ANTI PLAGIARISM

EduSYMS uses AI to detect copied material on the internet.

EduSYMS will integrate a search and comparison engine, with word sequencing and subject matter intelligence gathering capabilities, into its solution for education. This engine will have the ability to instantly detect any copied material on the internet by searching across all search engines.

2. Solve for x, correct to TWO decimal places, where necessary:

Do the working on paper and upload here.

- | | | |
|---|-------|----------------------|
| 1 | 1.1.1 | $x(x - 1) = 12$ |
| 2 | 1.1.2 | $2x^2 + 3x - 7 = 0$ |
| 3 | 1.1.3 | $7x^2 + 18x - 9 > 0$ |

0 days

0 hrs

51 min

2 sec

Attach a document



Marks: 11

ONLINE APPLICATION

Apply online. Admin Accepts or Rejects

Student Info

Title	Name	Initials
Identification number	Country	
0987654321	South Africa	
D.O.B	Gender	Race
	Female	Black African/African Am
Cellphone #	Email Address	
	student@mail.com	
Street Address		
Location	Area	
Surbub, village	Town or administrative name	
Postal Address		
Student type		
Private/Self Funded student		

EUX- BACKOFFICE CLASSES SUBJECT GROUPS SPORTS ADMINISTRATION LIBRARY MANAGE SIMS Contact search... Questionnaire

Online Application - Ref: 000001

Cover Letter
INTERESTED

?

Student Information	Enrolment
Name: Mr Lovemore L Chanengeta	Course: [050111000] N1:ENGINEERING STUDIES (REVISED)
ID Number: 0123455645654565 (South Africa)	2nd Option: [050211003] N2:ENGINEERING STUDIES (REVISED)
Date Of Birth: 04 Apr 1990	Time Period: Term 3
Gender & Race: Male - Black African/African American	Enrolment Type: Full-Time
Street Address: ..	Campus: [01] User Experience
Postal Address:	
Home Region: (GP) Gauteng	
Home Language: [] English	
Email Address: love@mail.com	
Mobile Number: 0762636000	
Student Type: Private/Self Funded student	

Status: ACCEPTED
Status Message: Submitted on 04 Oct 2022 by love@mail.com
SIMS - 04 Oct 2022 11:45

Your email address ID Number

Your email address:

Your ID Number: South Africa ▼

x

Close Okay

Parents Portal

Keeping you informed
about what's going on
in your child's school
life when you're busy
with your daily routine.

Signup now >

 PARENTS PORTAL

Username

Password

Or any of your children's student number or surname

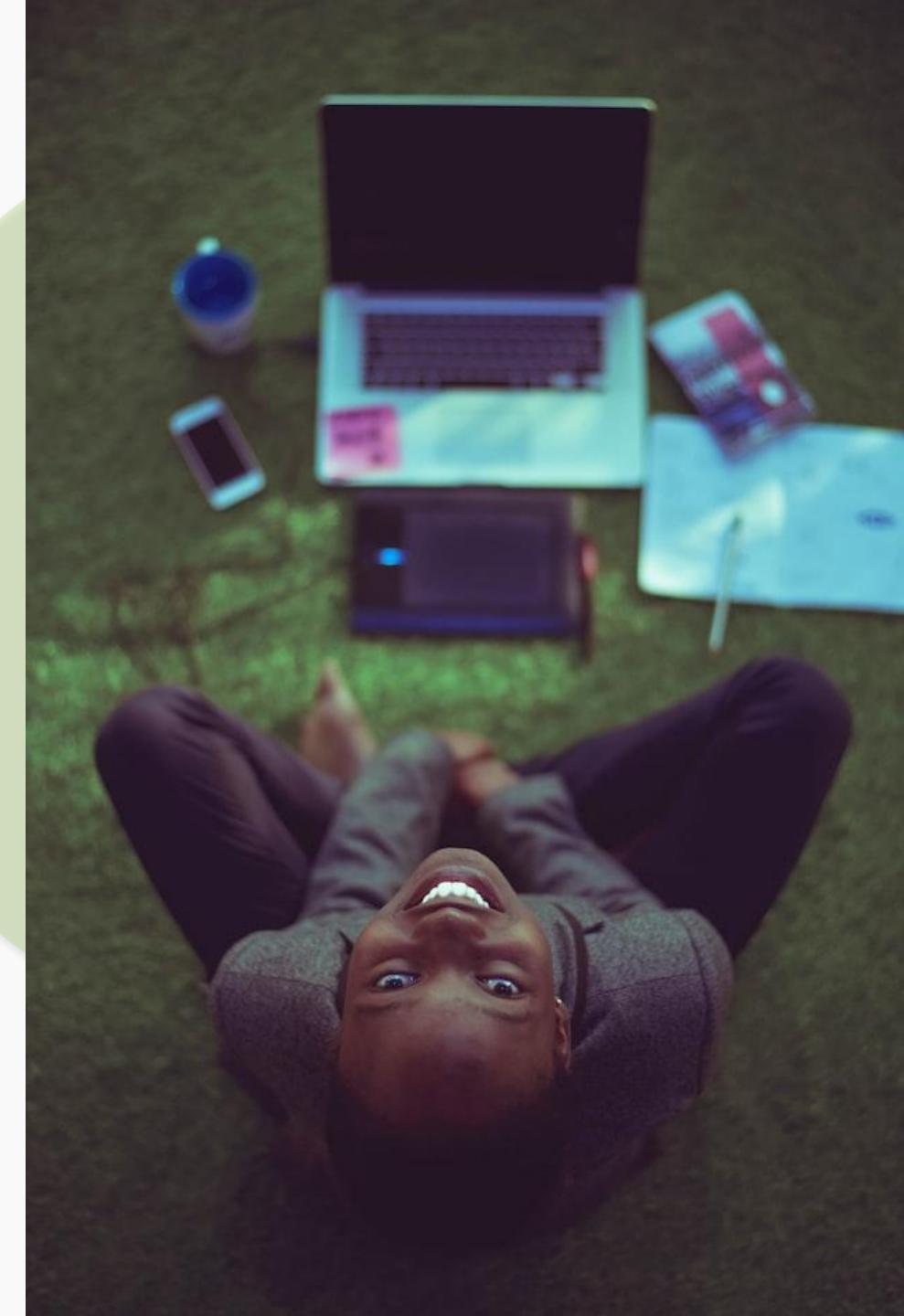
[Forgot password?](#)



Innovating Education in Africa

The following are some of the fundamental educational problems in Africa that eduSYMS addresses:

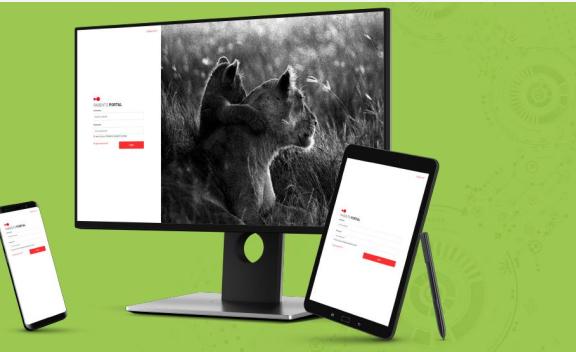
- Connectivity and hybrid learning
- Monitoring, assessing, and reporting
- Performance evaluation and planning
- Attendance, affordability, and discipline
- Resource distribution and learner support
- Management of transportation, boarding, and hostels
- Sports management and conducive learning environments
- Implementation of a compliance and quality management system
- Bringing students, teachers, parents, guardians, and stakeholders together



Innovating Education in Africa

Portal for Parents/Sponsors
Real-time dashboard for all
of your pupils.

PARENTS PORTAL



**Academic, Sports, Billing,
Student / Player / Member,
Data Management**

BACK-OFFICE



**Live classes, audio and
video conferencing,
podcasts, and webinars.**

LIVE CONNECT



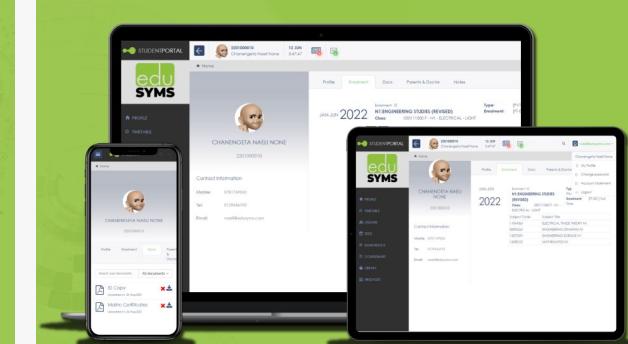
**On-demand learning, Subject
-matter specialists provide
educational video material.**

EDUSYMS TV



**HR management tools,
projects, accounts, leads,
deals, contracts, and policies**

CUSTOMER RELATIONSHIP MANAGEMENT



**Timetable, assessments,
lessons, tests, exams,
results, library, billing.**

STUDENT PORTAL



Innovating Education in Africa



eduSYMS brought together silver bullet solutions to African education problems.

Back-Office:

Staff back-end for all members of staff.

- Classes
- Subject Groups
- Sports
- Administration
- Library
- Management

Dashboards:

A bird's eye view into operations and status indicators with tracking alerts

- Staff Indicator
- Student Attendance
- Staff Clock-In/out
- Attendance Overview
- Breaches Notifications

Student Portal:

A virtual campus that is available using USSD or HTTP.

- Student Profile
- Timetable
- Lessons
- Tests
- Exam Results
- Courseware
- Library
- Messages

Parents Portal:

A gateway to all students from one portal via USSD or HTTP.

- Inbox
- Profile
- All Children
- Student Menu
- Student Portal Access

Self-Enrollment System:

Enrolment via USSD or HTTP.

- Online Application
- Student Info
- Application Info
- Questionnaire
- Attachments
- Submission

eduSYMS LIVE:

Live classes, audio and video conferencing with a whiteboard and access to recorded content.

- Instant Meetings
- Meetings
- Segments
- Contacts
- Todos



