



Ensure Inclusive and Equitable Quality Education and Promote Lifelong Learning Opportunities for All

GROUP NUMBER - 04

Ensure Inclusive and Equitable Quality Education and Promote Lifelong Learning Opportunities for All

Introduction

Quality education and lifelong learning opportunities for all are very important to ensure a full and productive life for all individuals and to the realization of sustainable development. When considering school enrolments, millions of children remain out of school, especially where educational systems struggle to keep up with population growth. Even when more children are enrolled, many do not acquire the basic skills. Quality education is hampered by the lack of trained teachers and adequate school facilities.



Some Key Problems in Education System :

- Education only for wealthy people
- High cost for Education Fees
- Fake Institutes / Universities
- Fake Teachers / Lecturers
- Institutes and Teachers who only depends on money

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Some of Major Issues in Current Education System



01

In the poorest countries, only 40% of children participate in education one year before the start of primary school



02

Despite progress in enrolment, more than a quarter of a billion school-aged children, adolescents and youth are not in school



03

Poverty, gender and location of residence all influence reading proficiency



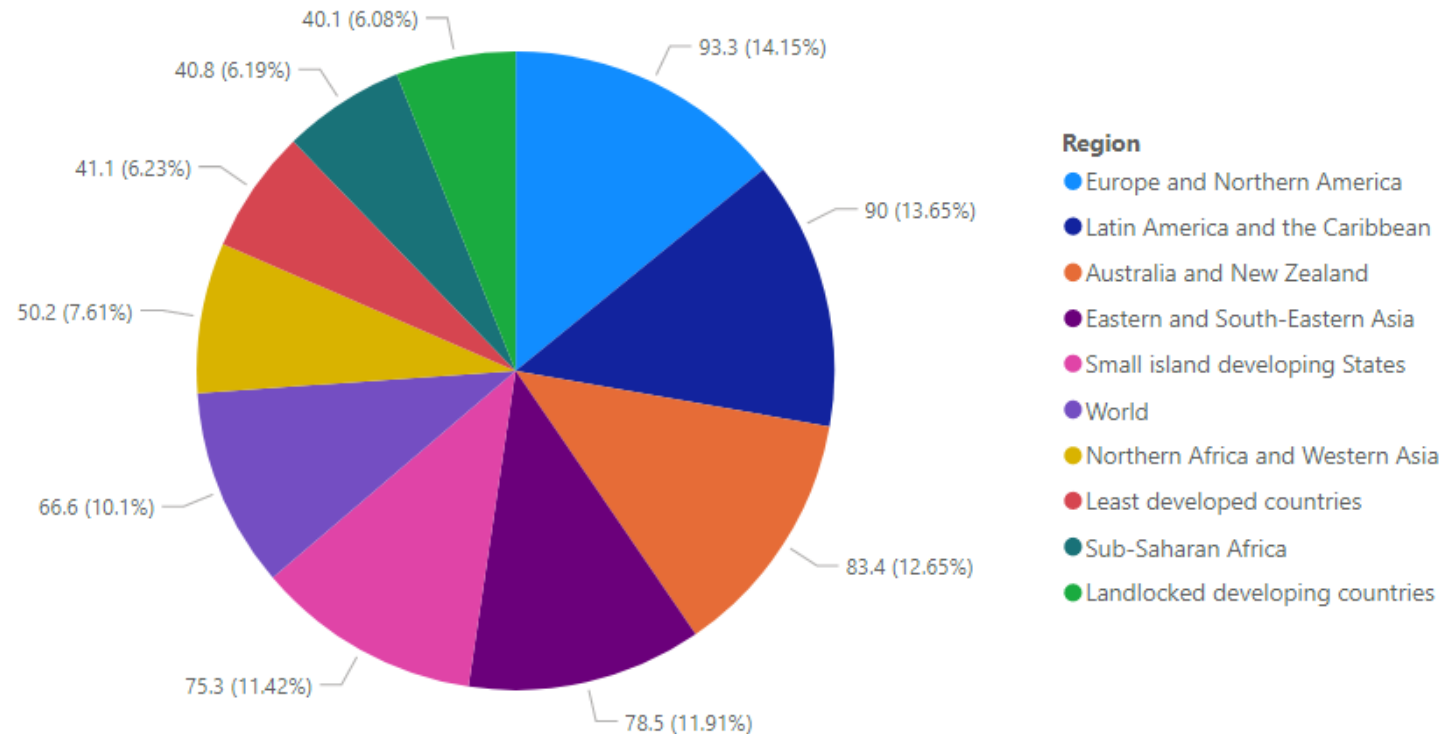
04

Lack of trained teachers and adequate facilities threaten quality education for all

Reference : UNSTATS - <https://unstats.un.org/sdgs/report/2017/goal-04/>

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01. Participation rate in organized learning one year before the official age of entry into primary school

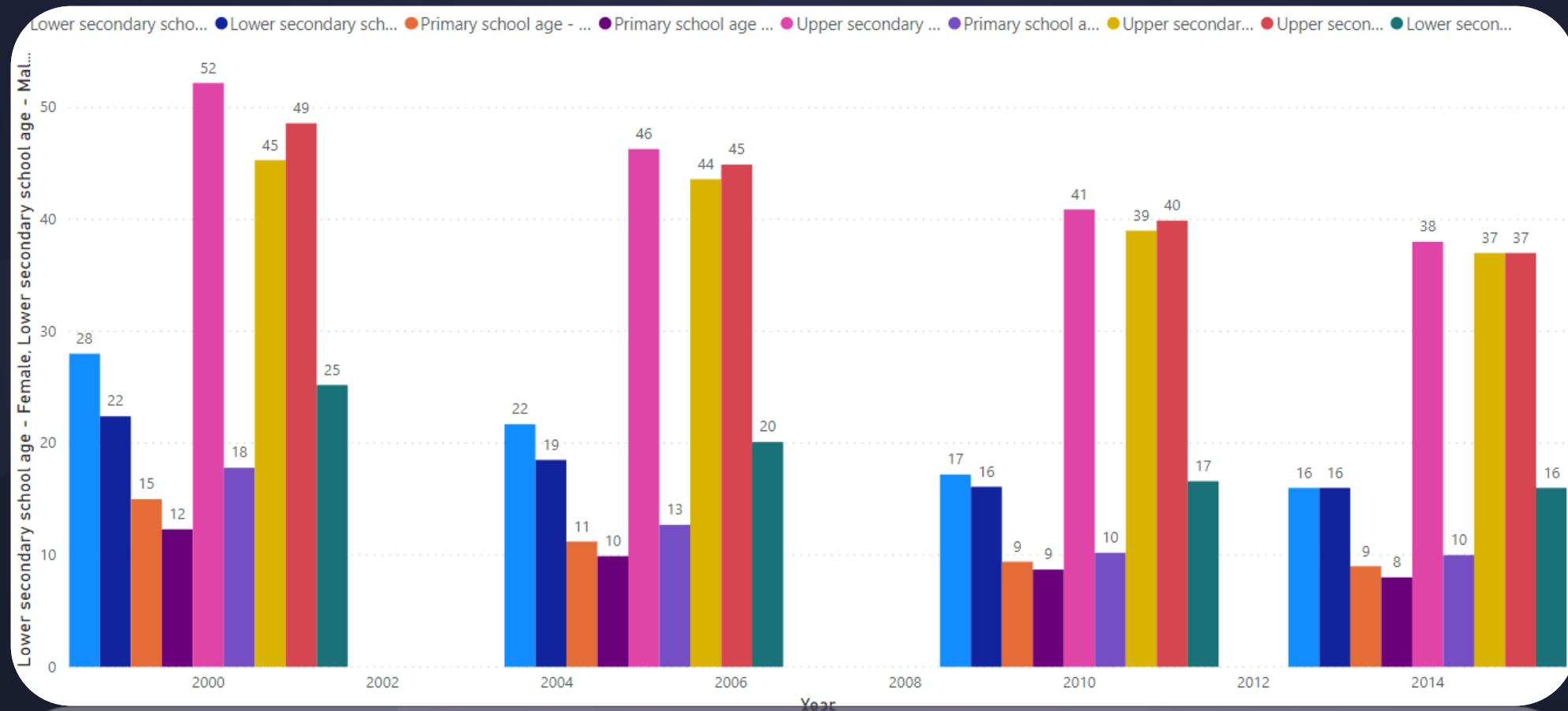


Note - Participation rate in organized learning one year before the official age of entry into primary school , 2014 (percentage). | Based on 2013 data.

References : UNSTATS - <https://unstats.un.org/sdgs/report/2017/goal-04/>

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02. Despite progress in enrolment, more than a quarter of a billion school-aged children, adolescents and youth are not in school

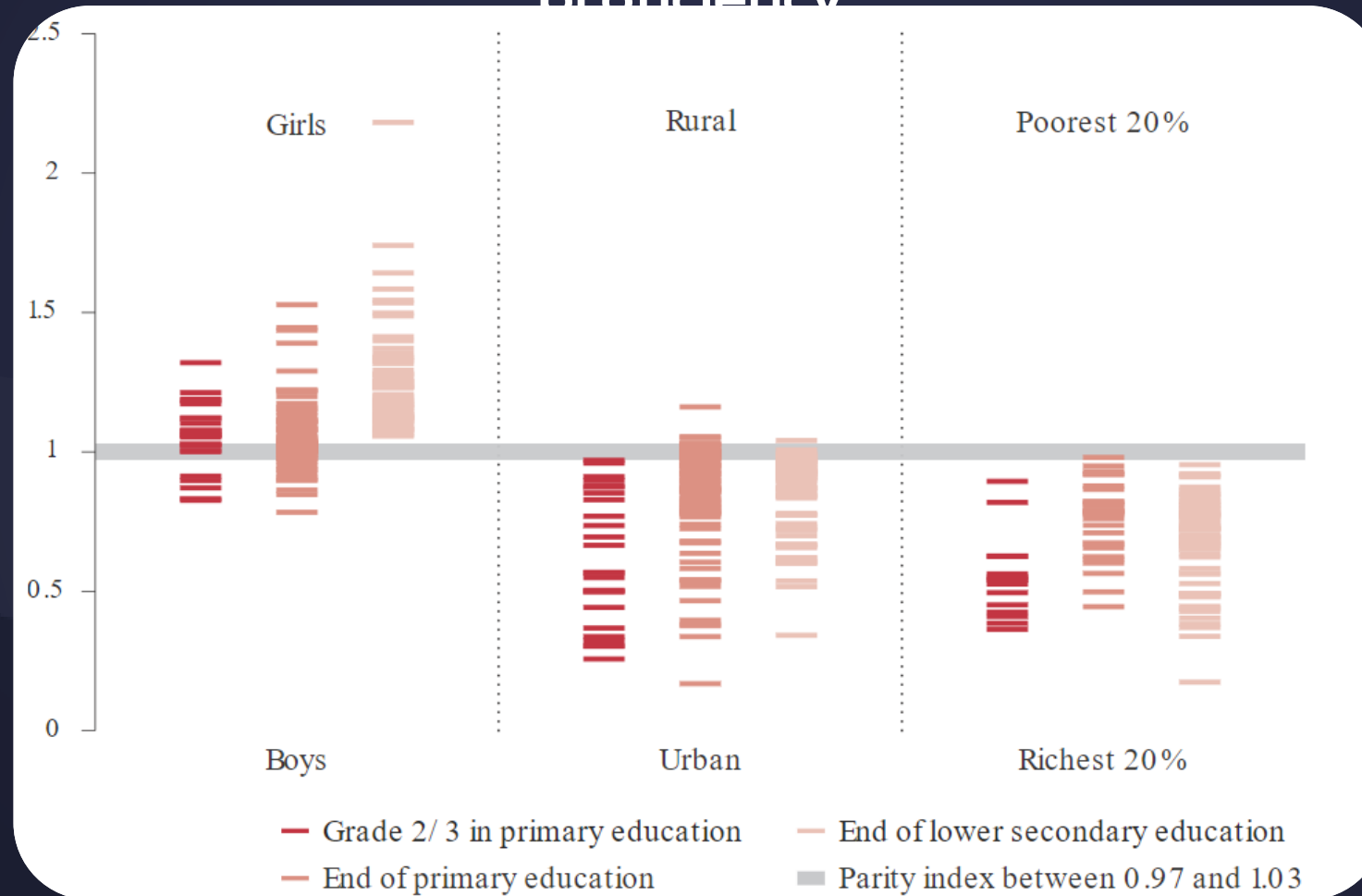


Note - Proportion of school-aged children out of school worldwide, by level of education and sex, 2000-2014 (percentage).

References : UNSTATS - <https://unstats.un.org/sdgs/report/2017/goal-04/>

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03. Poverty, gender and location of residence all influence reading proficiency



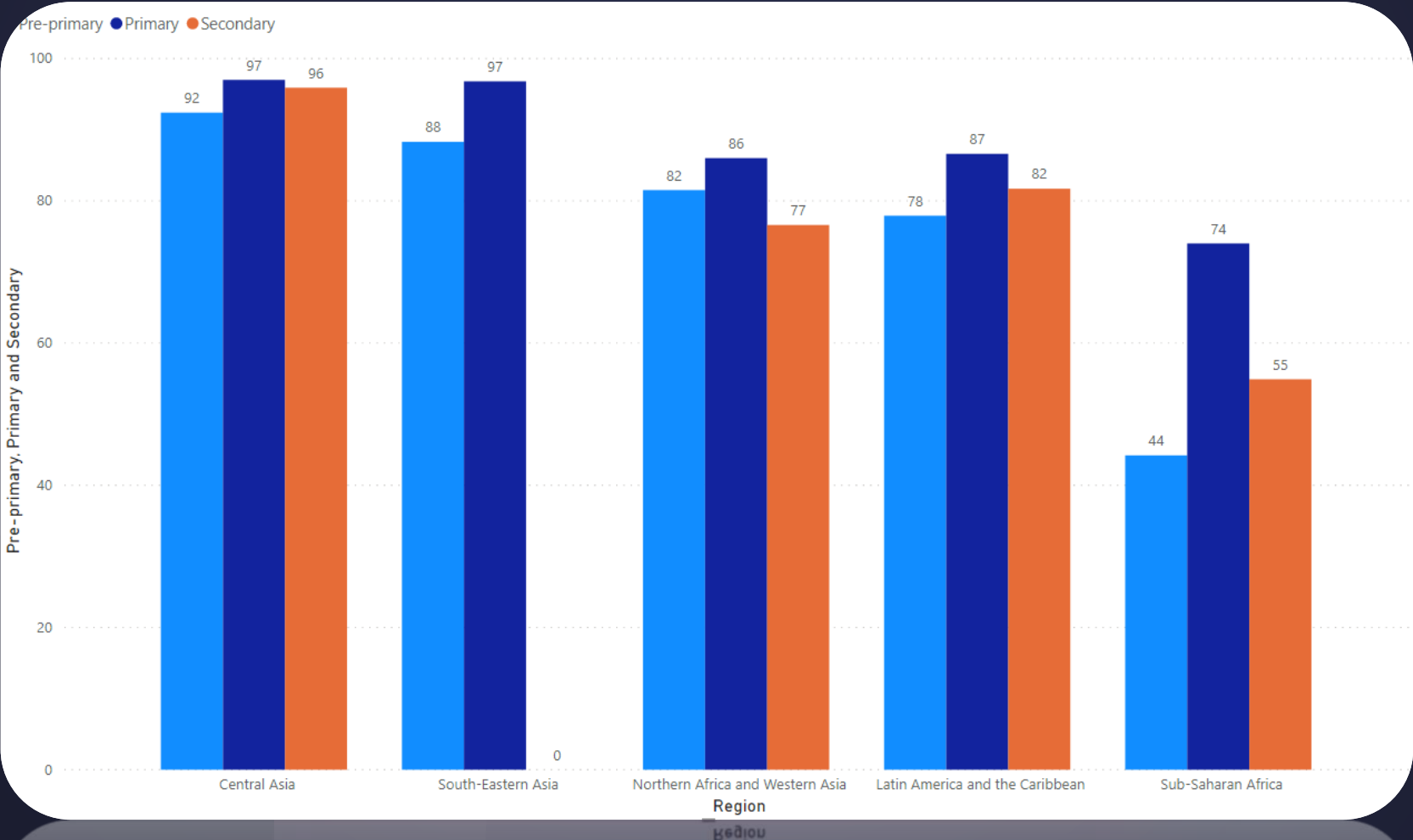
Note: Parity indices below 1 indicate a comparative advantage for the sub-population shown in the lower segment of each graph (i.e., boys, urban and richest 20 per cent). Parity is assumed to occur in the range 0.97-1.03.

References : UNSTATS - <https://unstats.un.org/sdgs/report/2017/goal-04/>



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04. Lack of trained teachers and adequate facilities threaten quality education for all



Note: Not all regions are presented due to lack of available data.

References : UNSTATS - <https://unstats.un.org/sdgs/report/2017/goal-04/>

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Problem Definition

- Parents don't have much money to fulfil their child's education
- Many of certificates issued by various institutions are not accept from higher parties.(Government/Private sector companies)
- Now a days education limit to ages
- Older persons have passion to study, but their age is not accepting by the society for education



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Solution

- ❖ As a solution we are going to develop to LMS for every age person can register to it for free and all the teacher who are volunteers for this charity work can upload their subject as a course series and students who registered they can study any subject as they wish without any outside world disturbances



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Product Description

- This is a Learning Management System (LMS)
- All the modern features included
- Features –
 - Multiple Students can Register
 - Multiple teachers can be assigned
 - Multiple Subjects can be defined
 - Multiple courses / diplomas / series can be added
 - Online and offline payment methods are implemented
 - Online live Question evaluations
 - Can conduct live sessions (via Zoom / MS Teams / Skype)
 - Automatically Attendance marking system
 - Attractive and Simple design with easy handling functions for user
- Developed from Hard coding
- Can be host in any Hosting category and service



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Organizational Structure

01

- No need much Employees to Control the System.

02

- All our team members joined for the development of the system.

03

- Need 1 / 2 Employees who have trained with controlling Backend and balance site without going down or dropping.

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Production Process

01

- Currently developing the system by using latest technology and languages.

02

- 6 developers currently on working / developing process.

03

- Other 4 do Researches about LMS and what can we offer more.

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Competitor Analysis & Target Customer Segments

01

- As per our vision and analysis we do not have much competition between other LMS providers because we deliver all round LMS

02

- Those who willing to study valuable and quality courses online at their home.

03

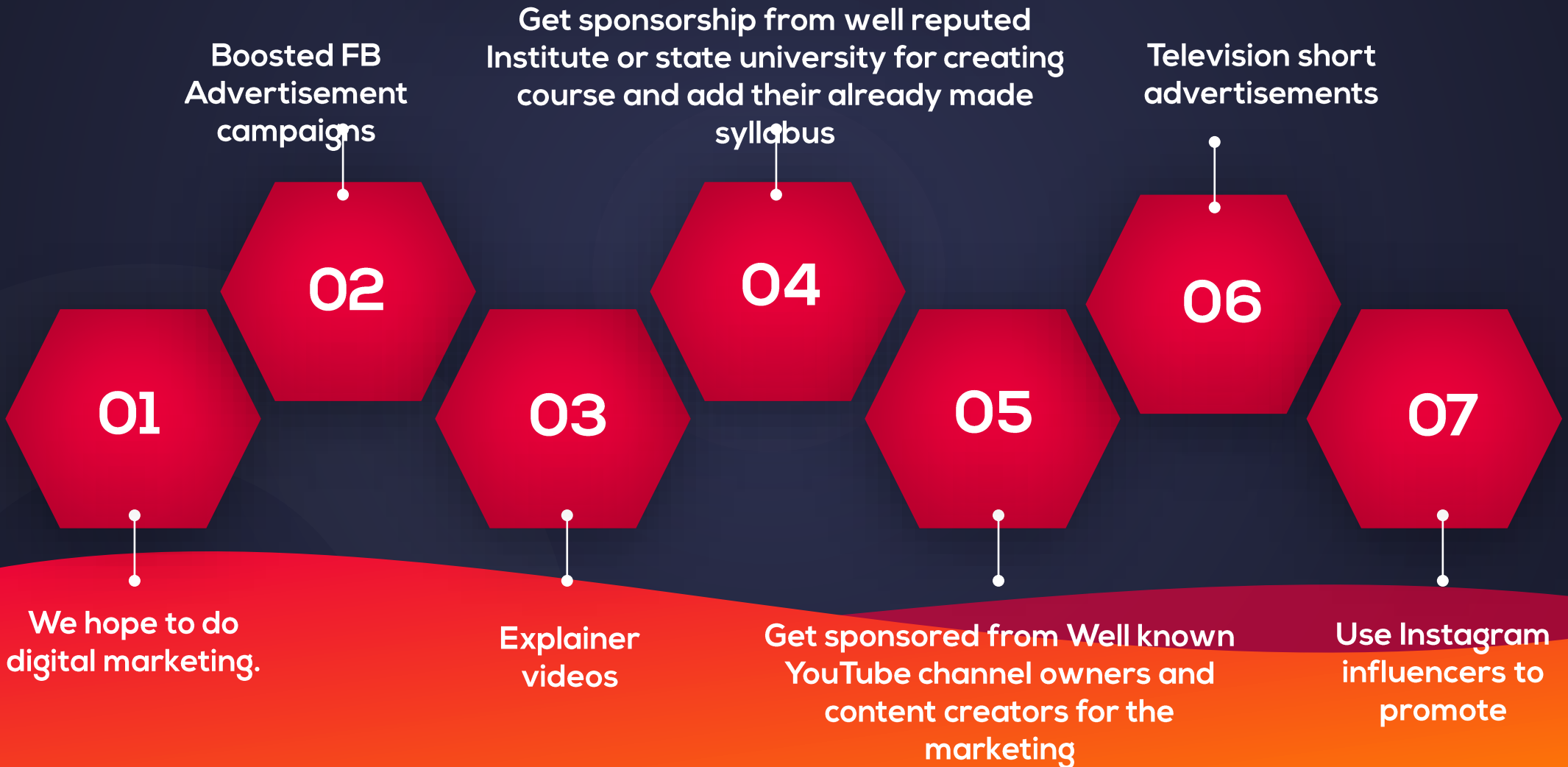
- We target 10 yrs. onwards people for this LMS as target customers.

04

- We embedded all the previously mentioned features for our LMS

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Marketing Strategy



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Financial Plan

01

- Raise funds from our Teammates.

02

- Get a sponsorship from NGO Services and Voluntary organizations.

03

- Get teachers for free those who like to teach light weight subjects.

04

- Get support from Education ministry from Local Government by introducing them about our product.

05

- Collect Donations.

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References

01

- Got ideas about LMS by exploring currently ongoing LMS in local.

02

- Get more revolutionary ideas from senior developers and colleagues from senior batches.

03

- Collect knowledge and technology facts from Lecturers.

04

- Analysis NIBM LMS and identify the needs.

05

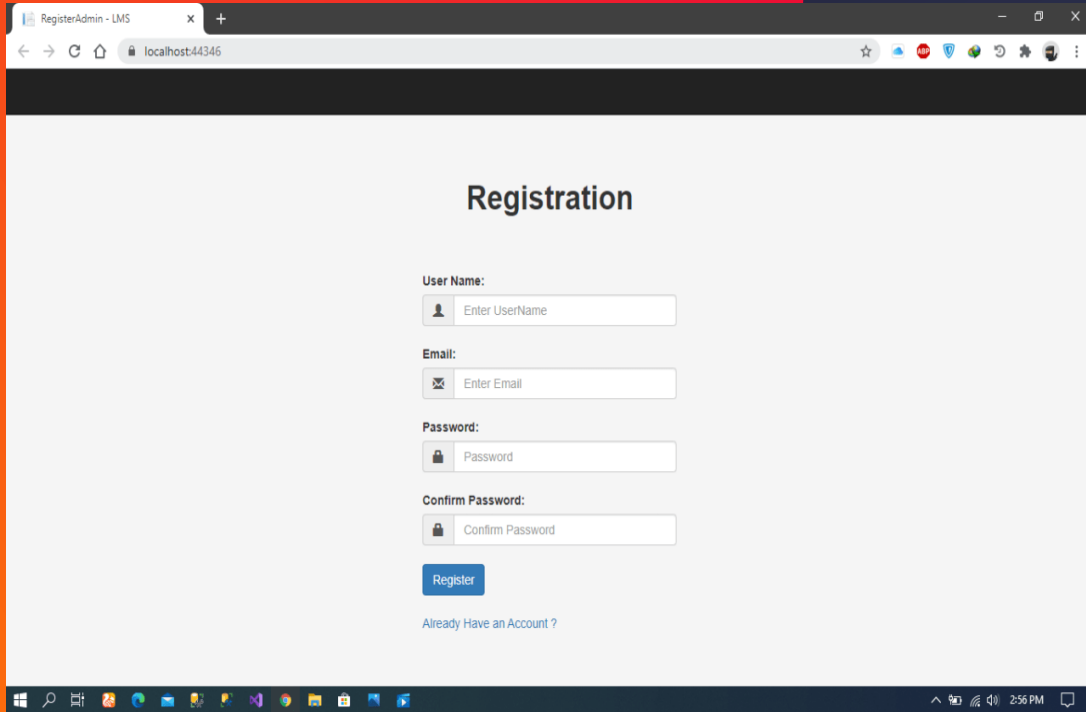
- Searched more from Google / Wiki / Foreign LMS systems.

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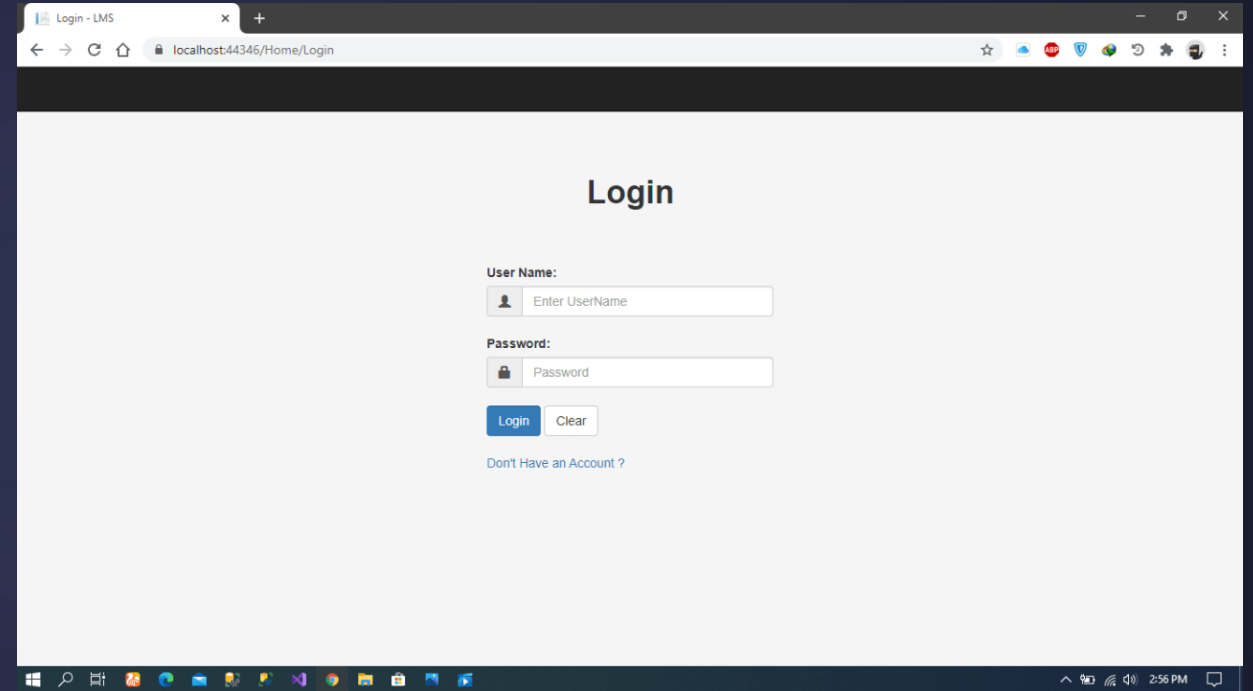
**Following are some of
snapshots of our prototype**

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The screenshot shows a web browser window with the title "RegisterAdmin - LMS" and the address bar displaying "localhost:44346". The main heading of the page is "Registration". Below the heading, there are four input fields, each with a label and a placeholder text: "User Name:" with "Enter UserName", "Email:" with "Enter Email", "Password:" with "Password", and "Confirm Password:" with "Confirm Password". Each input field has a small icon to its left (a person for User Name, an envelope for Email, and a lock for Password and Confirm Password). Below the input fields is a blue "Register" button. At the bottom of the form, there is a link that says "Already Have an Account ?". The browser's taskbar at the bottom shows various application icons and the system clock indicating 2:56 PM.

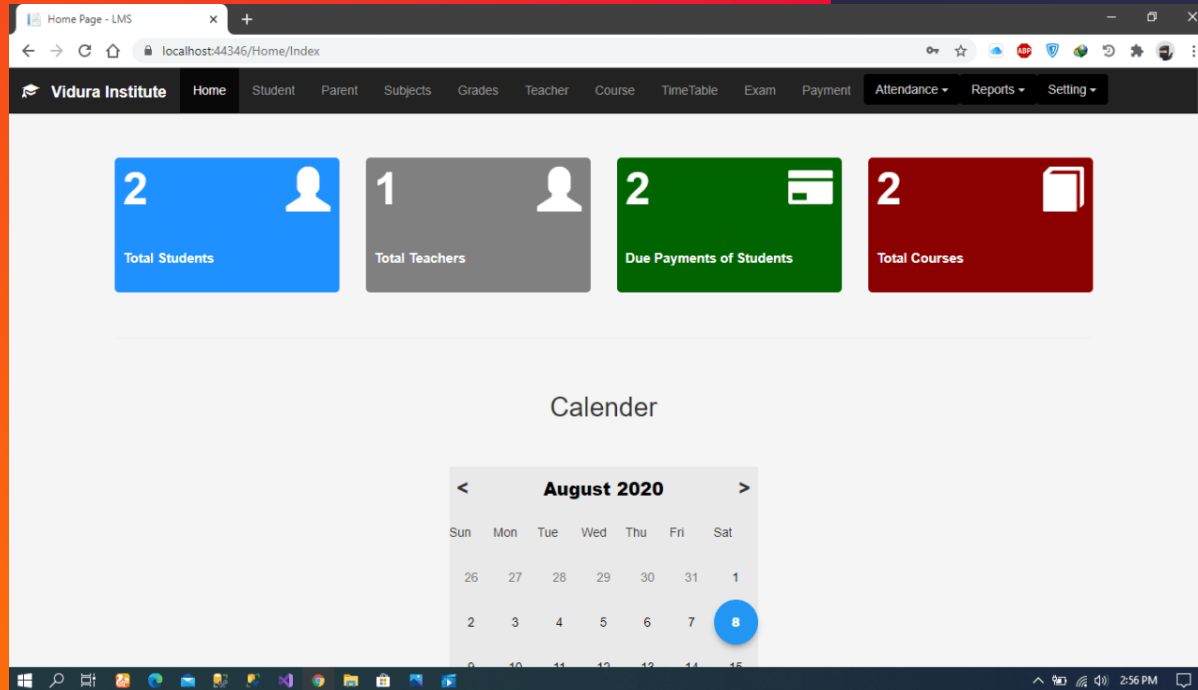
Registration Student / Teacher
Form



The screenshot shows a web browser window with the title "Login - LMS" and the address bar displaying "localhost:44346/Home/Login". The main heading of the page is "Login". Below the heading, there are two input fields, each with a label and a placeholder text: "User Name:" with "Enter UserName" and "Password:" with "Password". Each input field has a small icon to its left (a person for User Name and a lock for Password). Below the input fields are two buttons: a blue "Login" button and a white "Clear" button. Below the buttons is a link that says "Don't Have an Account ?". The browser's taskbar at the bottom shows various application icons and the system clock indicating 2:56 PM.

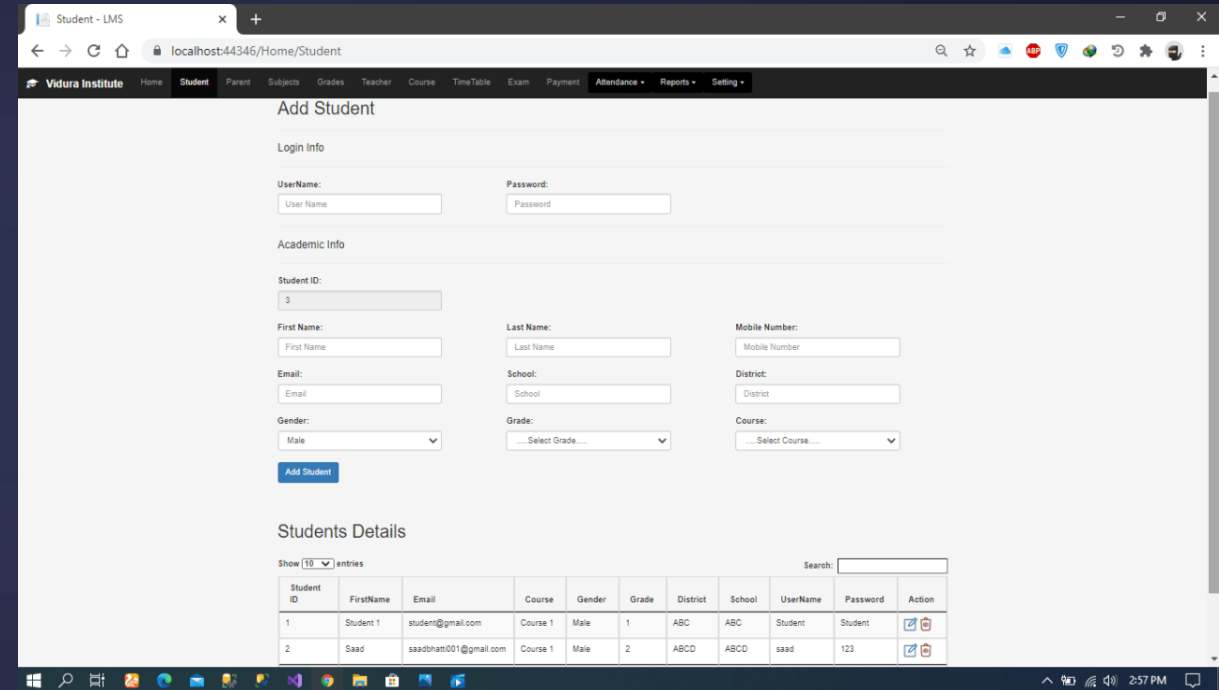
Login Form

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The screenshot shows the 'Home Page - LMS' interface. The top navigation bar includes links for Home, Student, Parent, Subjects, Grades, Teacher, Course, TimeTable, Exam, Payment, Attendance, Reports, and Setting. The main content area features four large colored boxes: a blue box for 'Total Students' with the value '2', a grey box for 'Total Teachers' with the value '1', a green box for 'Due Payments of Students' with the value '2', and a red box for 'Total Courses' with the value '2'. Below these boxes is a 'Calendar' section showing a calendar for August 2020, with the 8th of August highlighted. The Windows taskbar at the bottom shows the time as 2:56 PM.

DASHBOARD



The screenshot shows the 'Student - LMS' interface for adding a new student. The top navigation bar is the same as the dashboard. The main content area is titled 'Add Student' and contains a 'Login Info' section with fields for 'User Name' and 'Password'. Below this is an 'Academic Info' section with fields for 'Student ID', 'First Name', 'Last Name', 'Mobile Number', 'Email', 'School', 'District', 'Gender', 'Grade', and 'Course'. A blue 'Add Student' button is located below the form. At the bottom, there is a 'Students Details' section with a table showing a list of students. The table has columns for Student ID, FirstName, Email, Course, Gender, Grade, District, School, Username, Password, and Action. Two students are listed: 'Student 1' and 'Saad'. The Windows taskbar at the bottom shows the time as 2:57 PM.

Student ID	FirstName	Email	Course	Gender	Grade	District	School	Username	Password	Action
1	Student 1	student@gmail.com	Course 1	Male	1	ABC	ABC	Student		Edit Delete
2	Saad	saadhatt001@gmail.com	Course 1	Male	2	ABCD	ABCD	saad	123	Edit Delete

ADD STUDENT
SEPERATELY

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Parent - LMS

localhost:44346/Home/Parent

Vidura Institute

Home Student Parent Subjects Grades Teacher Course TimeTable Exam Payment Attendance Reports Setting

Add Parent

Login Info

UserName: Password:

Parent Info

Parent ID: Parent Name: Mobile Number:

Email: Student ID:

Parent Details

Show 10 entries

Parent ID	Parent Name	Student ID	Student FName	Parent Email	Mobile	UserName	Password	Action
1	Parent 1	1	Student 1	parent@gmail.com	12345	Parent		<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Showing 1 to 1 of 1 entries

Previous 1 Next

ADD PARENT DETAILS

Subjects - LMS

localhost:44346/Home/Subjects

Vidura Institute

Home Student Parent Subjects Grades Teacher Course TimeTable Exam Payment Attendance Reports Setting

Add Subjects

Subject Name:

Subjects Details

Show 10 entries

Name	Action
Chemistry	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Korean Language	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
Mathematics	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Showing 1 to 3 of 3 entries

Previous 1 Next

ADD SUBJECTS

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Grades - LMS

localhost:44346/Home/Grades

Vidura Institute

Home Student Parent Subjects **Grades** Teacher Course TimeTable Exam Payment Attendance Reports Setting

Add Grade/Class

Grade Name:

Grades Detail

Show 10 entries Search:

Name	Action
1	
2	
3	
4	
5	

Showing 1 to 5 of 5 entries Previous 1 Next

ADD GRADES/CLASSES

Teacher - LMS

localhost:44346/Home/Teacher

Vidura Institute

Home Student Parent Subjects Grades **Teacher** Course TimeTable Exam Payment Attendance Reports Setting

Add Teacher

Login info

User Name: Password:

Personal Info

Teacher ID:

First Name: Last Name: Email:

Mobile: Subject:

Choose Grades:

Teacher Details

Show 10 entries Search:

Teacher ID	Name	Mobile Number	Email	Subject	Grades	UserName	Password	Action
1	teacher name	12345	teacher@gmail.com	Chemistry	1 2 3	teacher	1	

Teacher ID Name Mobile Number Email Subject Grades UserName Password Action

ADD TEACHERS
DETAILS

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Course - LMS

localhost:44346/Home/Course

Vidura Institute

Home Student Parent Subjects Grades Teacher Course TimeTable Exam Payment Attendance Reports Setting

Add Course

Course ID:

Course Name:

Subject:

Grade:

Teacher:

Courses Details

Show entries

Search:

Course ID	Course Name	Subject	Grade	Teacher	Action
CS1	Course 1	Mathematics	1	teacher	<input type="checkbox"/> <input type="checkbox"/>
CS2	Course 2	Mathematics	1	teacher	<input type="checkbox"/> <input type="checkbox"/>
Course ID	Course Name	Subject	Grade	Teacher	Action

Showing 1 to 2 of 2 entries

Previous Next

ADD COURSE
DETAILS

PROTOTYPE LINKS AND LOGINS

TEACHER's LOGIN

- LINK: <https://lms.gathika.lk/login>
- UN: thushanka@gathika.lk
- PW: Thushanka123

STUDENT's LOGIN

- LINK: <https://lms.gathika.lk/login>
- UN: 0711703252
- PW: 22892255

ADMIN's LOGIN

- LINK: <https://lms.gathika.lk/admin/login>
- UN: admin@admin.com
- PW: 22892255

THANK
YOU!