

# SDP-1 PROJECT

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BATCH-179

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# REQUIREMENTS

- [User Registration and Management](#)
- [Learning Models](#)
- [Learning Content Creation](#)
- [Mobile Learning](#)
- [Skill Development](#)
- [Certifications](#)
- [Customization](#)
- [eCommerce](#)
- [Reporting and Feedback](#)
- [Hosting](#)
- [Security](#)
- [Integration](#)
- [Social Learning](#)
- [Gamification](#)
- [Support](#)
- [Pricing Models](#)



The graphic is a checklist titled "CHECKLIST FOR LMS REQUIREMENTS" in white text on a dark blue header. The header also features icons of people and a laptop with a play button. The checklist items are arranged in two columns, each preceded by a red checkmark icon. The background of the checklist area is light blue with faint, stylized icons of gears, a globe, and documents. The SelectHub logo is in the bottom right corner.

## CHECKLIST FOR LMS REQUIREMENTS

<input checked="" type="checkbox"/> Analytics and Reporting	<input checked="" type="checkbox"/> Integration
<input checked="" type="checkbox"/> Content Creation	<input checked="" type="checkbox"/> Multimedia
<input checked="" type="checkbox"/> Content Standardization	<input checked="" type="checkbox"/> Plans and Pricing
<input checked="" type="checkbox"/> Compliance	<input checked="" type="checkbox"/> Registration and Enrollment
<input checked="" type="checkbox"/> Core Learning Tools	<input checked="" type="checkbox"/> Scheduling
<input checked="" type="checkbox"/> Course Management	<input checked="" type="checkbox"/> Security and Data Management
<input checked="" type="checkbox"/> Customization	<input checked="" type="checkbox"/> Social Learning and Engagement
<input checked="" type="checkbox"/> Installation and Hosting	<input checked="" type="checkbox"/> User Interface/User Experience

SelectHub



## Functional Requirements

The functional **lms** requirements are the actual LMS features that learners and administrators will be using.

### Must-have features

There are several must-have features that should be in each system by default.

- User and course management
- Learning models
- Support and creation of learning content
- Analytics and reports
- Talent Management
- Mobile learning
- e-Commerce
- customization

## Technical Requirements

- Cloud-based or hosted solution
- Security
- Integration with other systems
- Course Authoring Capability
- Community And Collaboration
- Scalable Content Hosting

- **MODULES OF LEARNING MANAGEMENT SYSTEM**

LMS is a full featured Learning Management System with a large set of modules available out-of-the-box and ready to use by educators and training organizations. You will find all necessary components for administration, documentation, tracking, reporting and delivery of educational courses or training programs. Instructors can administer tests and other assignments, track student progress, and manage record-keeping. LMS schools can deliver all forms of learning – online, blended, synchronous and asynchronous.

The efficiency of an LMS through connection, collaboration, collection and creation allows families to engage in their child's learning in real-time. With access to assignments, homework schedules, and a variety of web tools at their disposal, an LMS helps minimize the use of paper materials and supports remote learning.

- **CONNECT:** announcements, calendars, and reminders are easily accessible with regular updates.
- **COLLABORATE:** assignments can be accessed via the LMS with online discussion among teachers and classmates happening in large or small groups.
- **COLLECT:** access to and feedback, reports and data, quiz and test scores for each child is available in an LMS.
- **CREATE:** online content including videos, pictures, slideshows, podcasts, etc. can be created by teachers and students using a variety of digital tools in an LMS.



- Student Management & Staff Administration
  - Logical Grouping & Group Access Permissions
  - Student Self-Registration
  - Teacher Accounts with Access Control
  - Easily Import & Export User Information
- 

- Online Course & Content Development

- Course Categorization
- Advanced Online Course Builder
- Different Course Formats – Weekly, Structured, Timed
- Access Restricted, Self-registration & Paid Courses
- Multiple Course Content Creators
- Forums & Online Discussions
- Arrange Paid Courses and Tutorials. Accept Payments from Students
- Integrated Virtual Classrooms for Live Online Classes

- Resources & Libraries

- Recorded Session Libraries
- Unlimited Storage for Your Content and Resources

- Homework, Testing & Assessment

- Quizzes and Exams, Automatic Assessment
- 

- Grading & Reporting

- Grade Books Reports

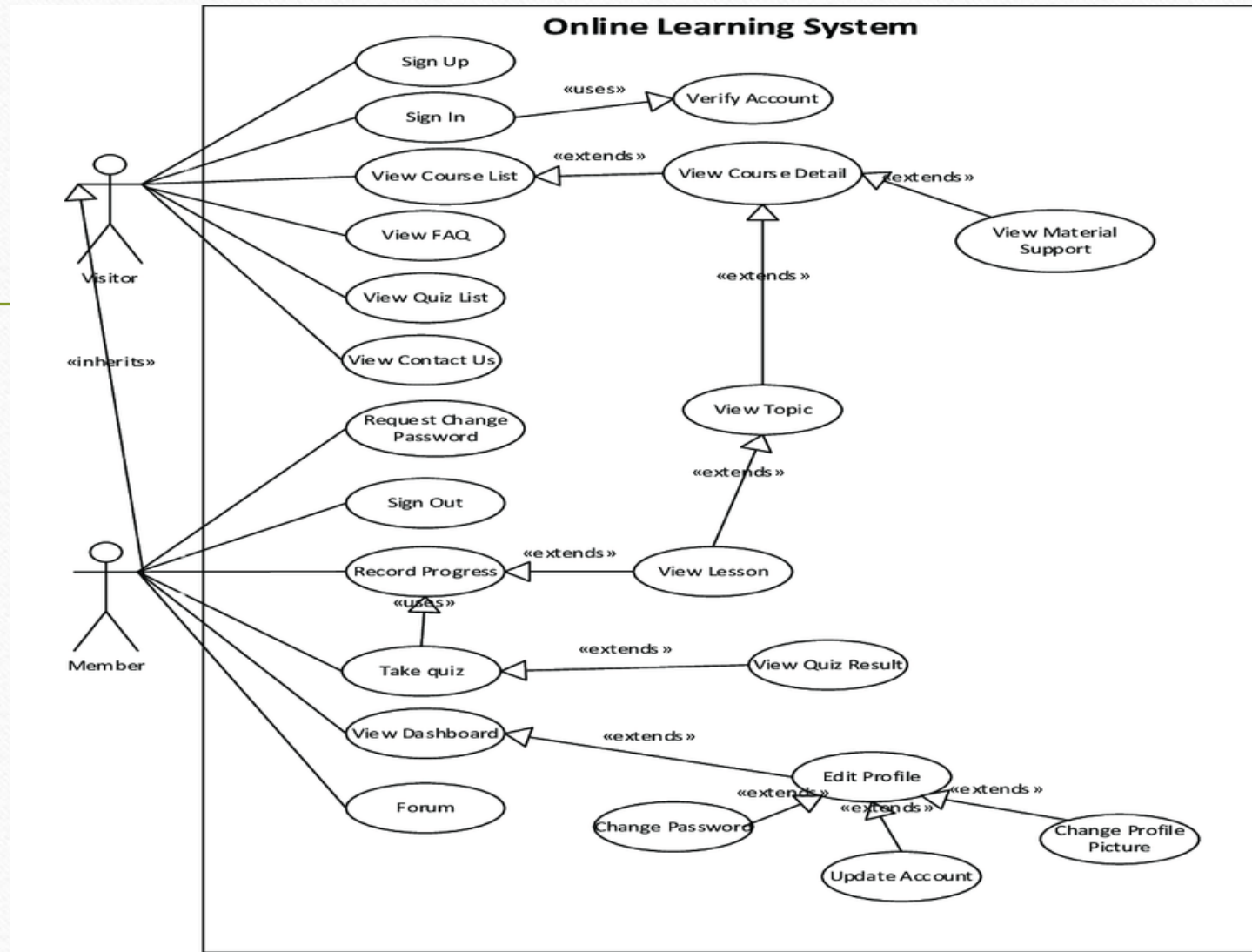
- Certification & Diplomas

- Notifications & Announcements

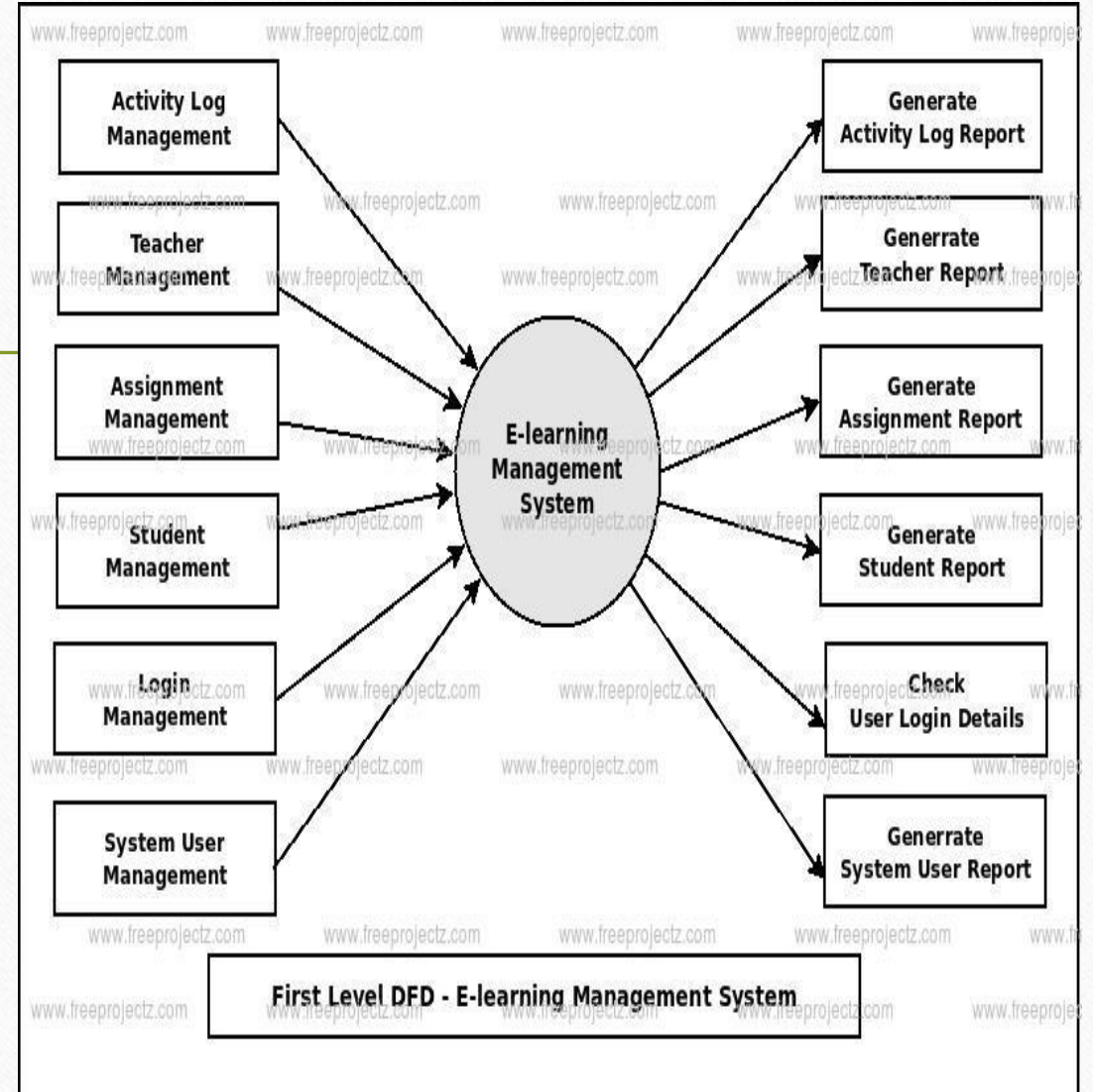
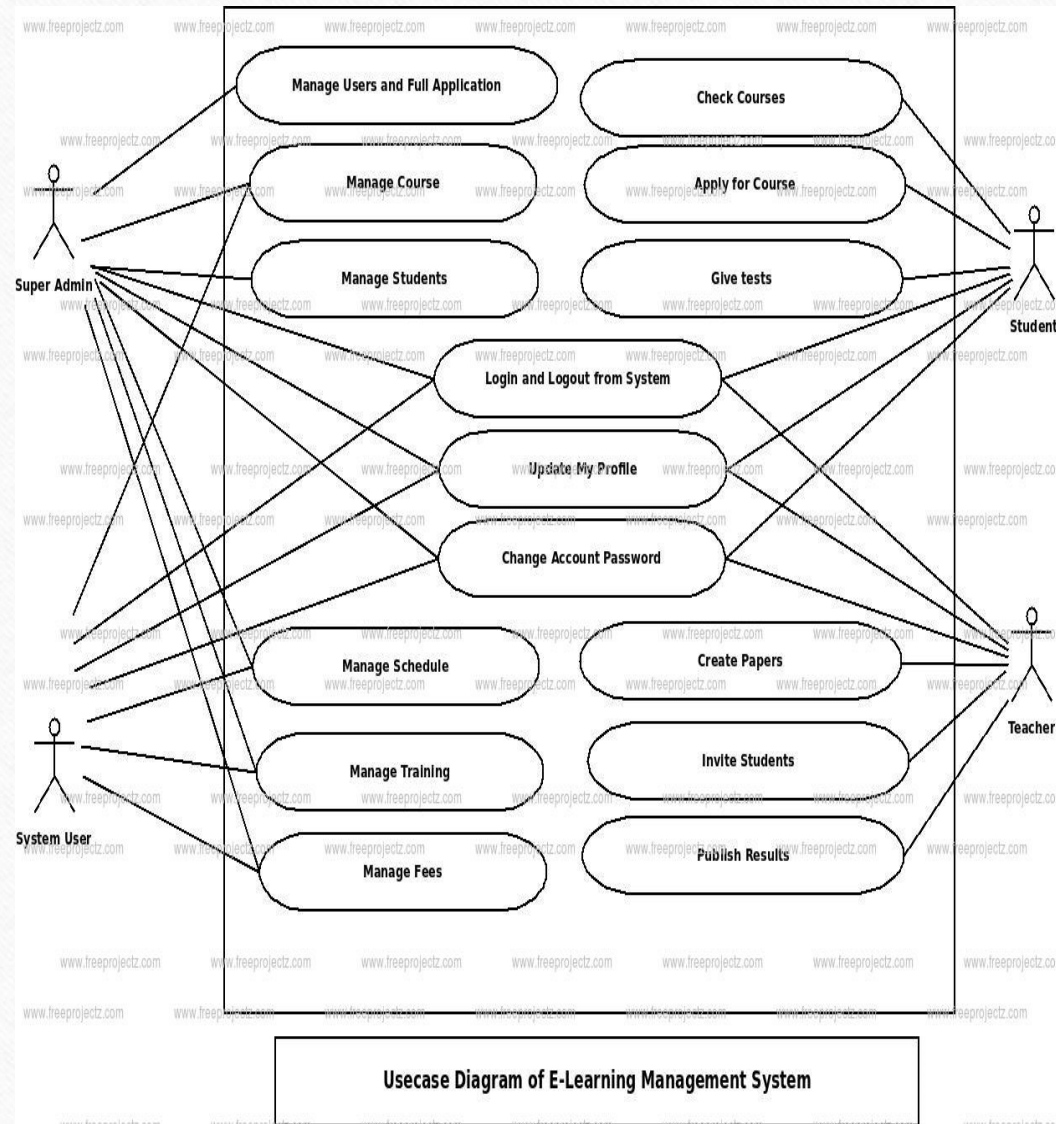
- Customization

## • LMS Use Cases

- Academic Learning
- Continuing Education
- Extended Enterprise
- Customer Training
- Channel Training
- Compliance Training
- Franchise Training
- Employee Training
- Training Companies
- Public Sector Training









## Developing LMS Use Cases

- Now, I am not an IT guy by training, so I will not pretend to know the best approaches and practices for the development of formal software development use cases. Having been on both the buy and the sell side of learning technologies many times, however, I know the practical steps any organization can take to help ensure a good business choice through use case development. To start with, be absolutely certain that you understand your overall strategy and business goals for implementing a learning platform in the first place. A key part of your strategy and goal formulation should be developing a thorough understanding of who your end users are and which learning products and services will be of most value to them. Uses cases are only valid to the extent that they map back to actual user needs that correspond with your organization's business goals. With these factors in mind, the next step is to invoke and document your imagination. Imagine yourself in the place of your most typical end user or administrative user, actually sitting at the keyboard and on the verge of interacting with the learning management system environment. Now, in your mind, start walking through the specific actions you would expect to take and what you would expect the result of each action to be. A simple three column table like the following can serve to capture the actions you take and the corresponding results.

## Our login page

127.0.0.1:5500/sdp/sdp.html

127.0.0.1:5500/sdp/sdp.html

Apps | Ims | Mail - Outlook | iLovePDF | Online P... | GDB online Debug... | exams.kluniversity.i... | KL ERP | Sign Out | Course: CODE\_RIDE... | Home - futureskills... | Start Your Path As A... | Reading list

**WELCOME**  
**LEARNING MANAGEMENT SYSTEM**

- [Login](#)

Email

Enter Email

Password

Enter Password

Login

☒ Remember me [Forgot password?](#)

**LEARNING MANAGEMENT SYSTEM**

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# FRONT END DESIGN



React App

localhost:3000/modules

Apps Ims Mail - Outlook iLovePDF | Online P... GDB online Debug... exams.kluniversity.i... KL ERP Sign Out Course: CODE\_RIDE... Home - futureskills... Start Your Path As A... Reading list

- Home
- modules
- About
- Contact

# 1.Student Management & Staff Administration

Logical Grouping & Group Access Permissions

Student Self-Registration

Teacher Accounts with Access Control

Easily Import & Export User Information

# 2.Online Course & Content Development

Course Categorization

Advanced Online Course Builder

Different Course Formats – Weekly, Structured, Timed

Access Restricted, Self-registration & Paid Courses

Multiple Course Content Creators

Forums & Online Discussions

# 3. Arrange Paid Courses and Tutorials

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18:36 28-10-2021



React App

localhost:3000/modules

Apps Ims Mail - Outlook iLovePDF | Online P... GDB online Debug... exams.kluniversity.i... KL ERP Sign Out Course: CODE\_RIDE... Home - futureskills... Start Your Path As A... Reading list

**Different Course Formats – Weekly, Structured, Timed**

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**3. Arrange Paid Courses and Tutorials**

**Accept Payments from Students**

**Integrated Virtual Classrooms for Live Online Classes**

**4.Resources & Libraries**

**Recorded Session Libraries**

**Homework, Testing & Assessment**

**Unlimited Storage for Your Content and Resources**

**5.Grading & Reporting**

**Certification & Diplomas**

**Notifications & Announcements**

**Customization**

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React App

localhost:3000/About

Apps lms Mail - Outlook iLovePDF | Online P... GDB online Debug... exams.kluniversity.i... KL ERP Sign Out Course: CODE\_RIDE... Home - futureskills... Start Your Path As A... Reading list

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- [Contact](#)

The diagram illustrates the LMS (Learning Management System) architecture. At the center is a blue circle labeled "LMS". Surrounding it are eleven other circles, each representing a different module or feature. Arrows point from the central "LMS" circle to each of these surrounding modules, indicating that the LMS is the central hub that manages or connects to these various components.

Modules shown:

- Users
- Courses
- Classes
- Virtual Classes
- Surveys and Polls
- Reports & Analytics
- HRMS Integrations
- Talent Integrations
- Knowledge Sharing
- Mentoring
- Social & Gamification

Windows Taskbar:

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React App

localhost:3000/About

Apps Lms Mail - Outlook iLovePDF | Online P... GDB online Debug... exams.kluniversity.i... KL ERP Sign Out Course: CODE\_RIDE... Home - futureskills... Start Your Path As A... Reading list

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graph TD; LMS((LMS)) --> KS((Knowledge Sharing)); LMS --> TI((Talent Integrations)); LMS --> HI((HRMS Integrations)); LMS --> RA((Reports & Analytics)); LMS --> SP((Surveys and Polls)); LMS --> VC((Virtual Classes)); LMS --> M((Mentoring));
```

**LMS is a full featured Learning Management System with a large set of modules available out-of-the-box and ready to use by educators and training organizations.**

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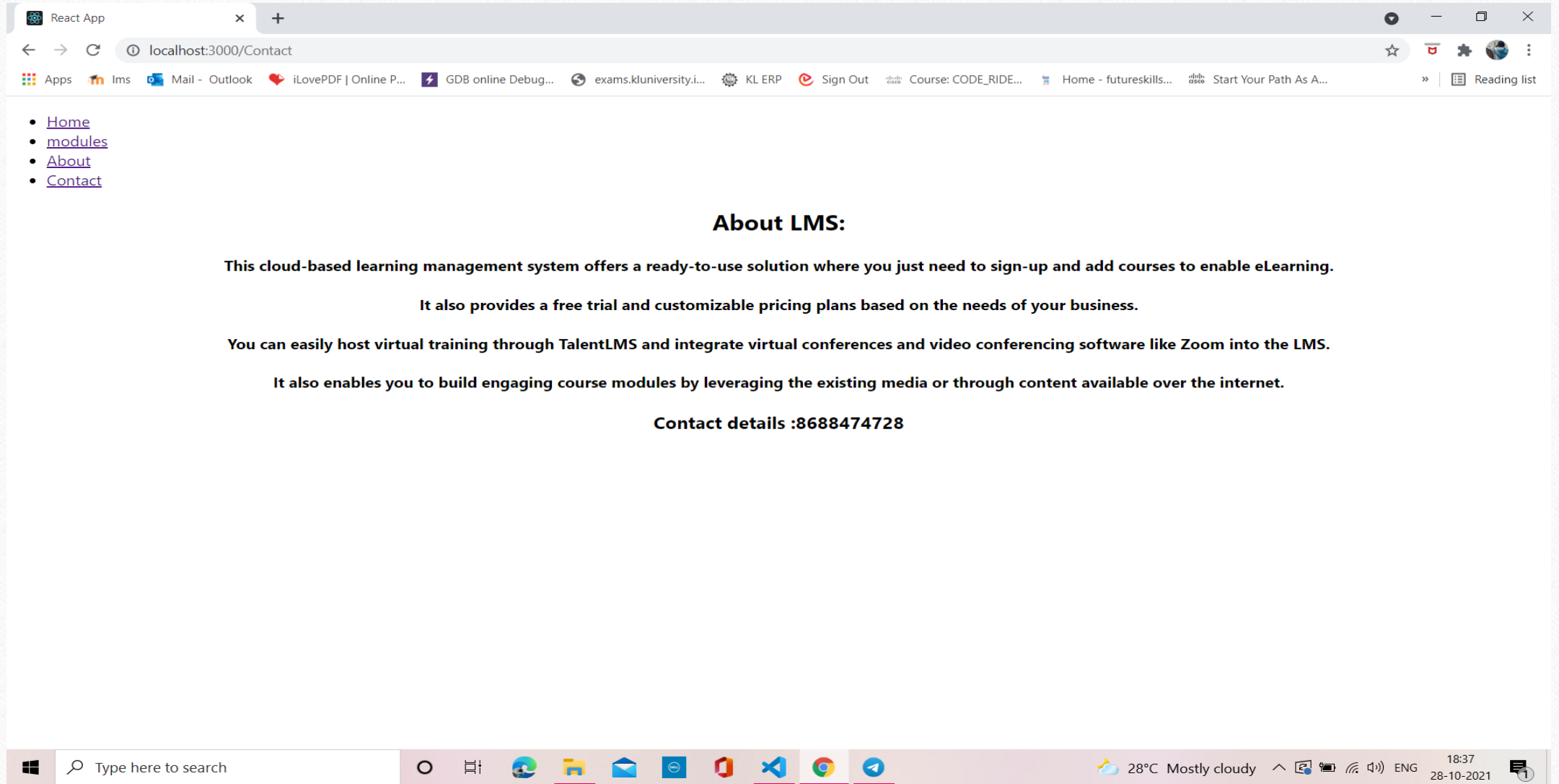
**With access to assignments, homework schedules, and a variety of web tools at their disposal, an LMS helps minimize the use of paper materials and supports remote learning.**

Windows Taskbar

Type here to search

Taskbar Icons: File Explorer, Mail, Teams, OneDrive, Visual Studio Code, Chrome, Telegram

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THANK YOU