

PROJECT NAME	Date Submitted
Learning Management system	10-10-2021
PROJECT OBJECTIVES	
Building a set of services to help educational institutions moving to online learning.	

## Project Deliverables:

Deliverable No.	Description
1	Backend Infrastructure for the platform.
2	A website to access the platform where: <ul style="list-style-type: none"> <li>- Institutions can access the desired services and monitor different KPIs and Usage.</li> <li>- Students can use the services provided by their institute</li> </ul>

## List of Services Needed:

No.	Description
1	virtual classroom (live lectures, project assignment, in lecture quiz, attendance, participation, ....) instant chat(audio , video , text , share screen)
2	online text editor (text , image , tables, charts, ....)
3	exam & quiz system
4	video hosting
5	Calendar & To-do List
6	study groups

## Project Milestones:

Milestone No.	Description
1	Full project's document and Database design should be ready not after 15-11-2021 (46 days)
2	User Authentication and Authorization & virtual classroom should be built and tested by 30-12-2021.
3	The following services should be ready not after 20-4-2022: <ul style="list-style-type: none"><li>- exam &amp; quiz system</li><li>- to-do list</li><li>- calendar</li><li>- video hosting</li><li>- instant chat(audio , video , text , share screen)</li></ul>
4	The following services should be ready not after 1-6-2022: <ul style="list-style-type: none"><li>- study group</li><li>- online text editor (text , image , tables, charts, ....)</li></ul>

## Technology:

Backend	
1	ASP .Net core
2	SQL Server
3	Socket IO
4	WebRTC
5	Microsoft Azure
Frontend	
1	Html5 , css3, JavaScript.
2	Angular.
3	VedioJS, chartJS