

## Problem Statement

There is an educational institution which is quite established and running operations for the last 70 years. Due to the current Covid-19 situation, Govt has mandated all classes and labs to be done online. College has reached out to Cisco for giving a Proposal to enable the transition within 3 months. As Cisco sales, marketing and engineering team you must understand the current position and give new proposal. Institute wants this to be cost effective, timely and ease of use transition for faculty and students. The proposal should be extendable to 5 other campuses in different parts of the country.

## Solution

The product enables students to remotely access classes and labs conducted by their respective faculty through online mode. Setup of video/audio-based live theory classes supported with screen sharing, availability of recorded classes, and a virtual whiteboard for pointers. Attendance and schedule of classes are done through the system. Various labs can be carried online through animation, simulation, remote access to machines, or recorded videos of the demonstration of the experiment by the teacher.

## Features

### Administration

Completed	In progress	Pending
Register members		
	Schedule classes/labs	
	Create exam schedules and declare results	

### Faculty

Completed	In progress	Pending
Enroll in subjects to teach		
	Take classes with access control	
		View schedule

		Automated attendance and scheduling
		View submissions and grade them

### **Student**

Completed	In progress	Pending
Enroll for classes		
		Submit files for labs and tests
	Attend classes	
		Check schedule and attendance
		Check grade sheet

### **Interface**

Completed	In progress	Pending
Compatible with all platforms		
	Customized meeting room	
		Ease of use/ Seamless experience
Chat feature (text only)		
	Video and audio chat	

### **Safety and Security**

Completed	In progress	Pending
End-to-End encryption		

		Role based access
		Authorized data access
		Protect sensitive data

## Timeline

1 Week	2 Weeks	3 Weeks
Video and audio chat	Schedule classes/labs	Role based access
	Attend classes	Authorized data access
	Take classes with access control	Protect sensitive data
	Submit files for labs and tests	Ease of use/ Seamless experience
	Customized meeting room	Check grade sheet
	Automated attendance and scheduling	Check schedule and attendance
		View submissions and grade them
		View schedule
		Create exam schedules and declare results