Project Synopsis/Project Concept Document

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Project Title	Building Custom LMS using Moodle
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Client	F9 Hearts NGO

Description

Moodle as an LMS only contains Courses, Teachers that create said Courses and students who can attend them. Our client wishes to build a Custom LMS through either customizing Moodle or any other FOSS tech stack which will have similar features as Moodle but also allow for Teachers to be associated with Organizations and Courses will be created by Organizations instead of the Teachers.

It also needs a method for certification of Teachers to prove their capability and a method to display these Certificates.

Profile of Users

Teachers

1. Allows them to join courses offered by Organization.
2. Can learn from courses offered by Organization.

Organizations

1. Allows them to create and have control over courses.
2. A user or a teacher can join an Organization.

Courses

1. Courses contain units.
2. Units contain Lessons.
3. Lessons contains lectures inside them.

Feature highlights

1. A Public Dashboard for teachers and schools accessible by anyone.
2. We will try to understand a pattern of behavior between students and teachers to create a method of connecting them in a better way to improve quality of communication and thereby education between both the parties.
3. Organizations will host and control courses, which will be taken up by the teacher.
4. A course contains units, which contains a lessons, which further contains lectures on the lesson.
5. The lectures could be in a link form or reading material form.