PROJECT PROPOSAL

**LEARNEASY EDUCATION WEBSITE PROJECT**

**Project Title: LEARNEASY Website for Rural Schools.**

**General Information**

Course Title : Front End Web Development - ICT50220

Starting date : 08/08/2013

End date : 15/10/2013

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**1. Overview**

LearnEasy website is an educational website concept to be developed and implemented for the benefits of any rural elementary schools which does not have an online learning management system to carry out class schedules, accessing learning materials and quick exams to test students’ knowledge level.

**2. Background and Justifications**

* **Current problem the website is addressing.**

This is a new era of challenges where both people and technology must move on with solutions to overcome the challenges. Now a days, one of the biggest challenges in educational field is to reaching students with learning classes and material on-time and online. **LearnEasy** education website will be a solution for elementary schools which are lacking an efficient online learning management system.

**3. Research undertaken to justify website including any alternative already available.**

After a thorough research online, it has been found that, a few of similar learning management systems are already available online to serve the purpose. But most of the websites need paid subscription to use the full features and services. Also, the below mentioned factors are crucial in choosing a website system for an elementary school in rural parts of a country.

* Most of the available websites are not simple and easy to use for beginner level users especially kids aged from 4 years to 11years.
* Most of the websites uses a general approach to user interface which is not kids friendly and attractive.
* Available websites are expensive to run on a long term.
* The navigational paths and page landings are too deep and complex for young children to find information.
* Registration or sign-up process is not an easy one in most of the websites.

**4. Project Objectives**

The main goal of LearnEasy web application is to provide an easy and simple, kids friendly learning solution as well as an effective learning management system to use for the teachers and staff at school.

Teachers and students can access the website for uploading learning materials, online class schedules and accessing students’ knowledge through making online tests and assessment.

Main features of the project include:

* The main page will be a LearnEasy website home page. The Home Page will have a navigation bar consists of About Us, Teachers, Subjects, Resources and Contact Us form.
* There will be options for taking online quick tests or quiz to analyze students’ knowledge before or after a class.
* Additional pages will be there for User registration, User Login and Quiz forms for each subject.
* Students will have the opportunity to send feedback and also query regarding the class they have attended.
* Students will be accessing the website for accessing or downloading the learning materials, online class schedules, participating in tests and assessments.

**5**. **Who is intended to use the website and for what purpose.**

* Students
* Teachers
* Purpose of this website is to provide easy access to the students to use learning contents, videos or learning materials uploaded by teachers. Also, the website is equally designed to accommodate the requirements of a teacher to carry out online classes and upload their training materials for students, for assessments and classes to schedule and deliver to the students.

**6. Type of website**

* Educational Website.

**7.Technologies and tools use for the system and its development**

Development Languages : HTML, JavaScript, PHP

Frameworks : jQuery

Database system : MySQL

Web server : Apache

Tools : VS code

Technologies : XML

**8. System Deployment**

After the application is developed and tested it will be deployed to a server owned by the school administration.

**References**

* DesignWebKit. 2021. *Top 10 Examples of Best Education Website Design*. [online] Available at: <https://designwebkit.com/web-design/best-education-website-design-examples/> [Accessed 18 October 2021].
* Flux-academy.com. 2021. *20 Wireframe Examples for Web Design*. [online] Available at: <https://www.flux-academy.com/blog/20-wireframe-examples-for-web-design> [Accessed 18 October 2021].