

Hi,

Greetings!!

Project Name: Custom E-learning solution

Aim of the document:

This document is a proprietary of DotSquares (www.dotsquares.com) written with an aim of delivering an initial level project marshal which consists of a brief about the requirement stated by the client. Here we define the scope, cost and time baseline related to the project. Depending upon the level of acceptance of the understanding and estimation which is in reflection to the requirement stated, this document is subjected to be changed.

Product at glimpse:

An overview to the product is, we need to build an online custom e-learning solution where, the courses could be taught to different segment of users which are:

1. Students.
2. Companies.
3. Firms related to petroleum.
4. Faculties.
5. Parents etc.

Under this e-learning product, there could be multiple roles with the users which comprise of, Super-admin, sub-admin, students, parents, teachers etc.

Here, there would be courses for the students which could be in the form of packages and the students can enroll themselves to read the courses. Once the courses are read by the students, they would be having a quiz package which they could face to evaluate the marks they score.

Please suggest if the stated analysis needs some modifications to be done.

Our approach to project initiation:

To get started, we first set up the environment on our demo server for different stages of the application's life cycle (development, testing and production). For the task assignment and the, to do's, we generally like to work on the project management web application DS projects.

Database structure and design schema:

As we move ahead with the project planning and development, we get clear with the technical needs as well as the process flow, we accordingly work towards the design schema of the database structure.

UI designing or layout:

As a next step, we move ahead with the UI designing of the product which is followed as per the preferences or references mentioned by the client during the project planning. Once we are done with the layout designing of the home page which is cleared about the business flow, logic and other feature stuff, we prefer sharing it with the client on the approval of which, we move ahead with the design integration with the responsive HTML coding for it.

Technical specifications:

Technology used for **[website design and development, content management system, administrative back office, SEO friendly build error free]** as per the requirement we can create this website using Core PHP or PHP framework (as per your suggestion), Photoshop, HTML & CSS and MySQL.

Production breakdown & estimation:

On reviewing the initial specifications of the proposed application that you have shared with us, the module wise breakdown of the system along with the ballpark estimation is given below:

1. Responsive Theme designing:

You want us to setup a theme for the website that should be in reflection to the aim of the website.

Designing tasks involved: We would be designing the layout for the home page at the first on the approval of which we move ahead with the responsive HTML integration with the design.

2. Integrating the design files with the code:

Here, we would integrate the design files (HTML files) with the coding files to make them

functional.

3. User management:

The user module would be the component to manage the user roles and get the permission to the admin to manage the user details. Here, the admin would have the rights to edit the user details, add users and delete a user.

4. Course Module:

The course module would have the courses in the form of packages which could comprise of video, flash files, SCOM packages or simple text files.

5. Quiz/ Games:

The quiz and game module would have some activities for the students where, they could play some games or quiz related to the courses they study. These could be in the form of some flash files, simple HTML files or text files.

6. Exam section:

The exam section would have some objective type multiple choice questions for the students where, they could register themselves and appear in the exam. A particular exam would have pre-decided set of questions which would be displayed to the students to appear. Each exam would have a set time period which would be tracked by a timer and the exam would end once the time is up. On appearing an exam, the student would be able to see their results.

7. Time tracker:

The time tracker would be applied with the examinations to track the time for an examination. Once the tracker stops, the exam would end.

8. Downloading the exam package:

Here, the user would have a right to download the exam package once they have paid for it. The package could be a fresh exam package which the user had not appeared in or, a package with the questions and answers which the user has given. Also; they would have the correct answer for each question for their reference.

9. Payment module:

The payment module would have a payment gateway integrated to it where, the user would be able to purchase the courses online from the website by making the payment.

As per the initial level breakdown for the development & designing of the project, the ballpark estimation is of **10 weeks**, which is subjected to a deviation as the requirement changes from the client's end.

Note: The above stated ballpark estimation is only the initial level estimation. Once you share your

Product Scope Statement

exact requirement with us, for the each module specified above and also, if there are any additions or deletions to be made, we would again estimate on the basis of the same and would share it with you.

Also, with regards to using Core PHP for the product, we would recommend to build this product over PHP framework such as (CI-code igniter) as, Core PHP has certain constraints over the security of the code and, it even takes more time and cost to build the same product over CI which would be more secure and easy to handle for anybody for the future upgrades.

Please share your views over the same.

Have a nice day ahead!