Software Requirements Specification

For

*Online Education Website*

Version 1.0



**CEO & Managing Director says**

***Dear Team nano, I need your team to develop a site like wiziq.com***

***This will be a long time opportunity to work.Must be able to in communication with me on skype when the work goes on.Payment will be by elance only.You will have to complete the project.You cannot leave without completing.***

***You must have the knowledge of various payment system integrations like paypal,autorise.net,google checkout etc.***

***Only experienced and reputed developers will be preferred for this project***

***The site will be like wiziq***

***You need to develop the whole website CMS and integrate with the Virtual Classroom being developed by another.***

***You need to have the knowledge of secure,latest website coding***

***having knowledge of CDN is an advantage***

**CEO & Managing Director says**

provide SRS and Flowcharts

**CEO & Managing Director says**

**Buzz!**

**CEO & Managing Director says**

got my message?

**Gaganpreet Kaur says**

Okey Sir

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Revision History

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| --- | --- | --- | --- |
| Name | Date | Project Objective | Version |
| Online Education Website | 02nd April 2013 | This website is a online education system to helps users to find out online teaching and learning with other social activities ahead of time .User can use it to take online teaching or to create and deliver courses with assessment tools with content sharing feature as **a** **Student** or as **a** **Teacher** or as **an** **Organization with multiple teachers** . It includes everything user need to take teaching online , from a virtual classroom , to functionality ,Connect with facebook account to send your information to the facebook news feed , import facebook events you are attending , and find more friends .  It provides exclusive features that save time and enhance collaboration between students and teachers. This application also integrates with other Learning Management Systems and websites through well-documented API , allowing anyone, whether a middle school teacher, a private tutor, a test prep company, a university, or anything in between to start online teaching. | 1.0.0(new) |
|  |  |  |  |

# Introduction

## Purpose

This website is a online education system to helps users to find out online teaching and learning with other social activities ahead of time .User can use it to take online teaching or to create and deliver courses with assessment tools with content sharing feature as **a** **Student** or as **a** **Teacher** or as **an** **Organization** with multiple teachers . It includes everything user need to take teaching online , from a virtual classroom , to functionality .connect with facebook account to send your information to the facebook news feed , import facebook events you are attending , and find more friends .

It provides exclusive features that save time and enhance collaboration between students and teachers. This application also integrates with other Learning Management Systems and websites through well-documented API , allowing anyone, whether a middle school teacher, a private tutor, a test prep company, a university, or anything in between to start online teaching.

# Overall Description

## 2.1 Purpose of this document

The purpose of this document is to completely detail the features, functions, and constraints of the website.

The purposes of this document are to serve as:

* A basis of communication between all parties.
* Input to the design team.
* Input to software testing and quality assurance.
* A development manager’s reference.
* A control for the evolution of the system.

## Technical Features

* A Web server having support of PHP5, AJAX, JavaScript, jQuery, XML
* A Database server having support of MySQL.
* The website will be created using HTML5, CSS.

## 2.3 Design and Implementation Constraints

* Each user must have the individual login to access their accounts.
* The design of the site will be in web 2.0 style, which defines that the design should be a <div> based format using XHTML/CSS 3.
* All the styles used on the site are CSS based, and not hardcoded on any page making the style changes flexible and manageable.

## 2.4 System Features

All proposed solutions will be got compatible with Using All Internet Browsers

(Safari, IE7, IE8, Mozilla Firefox, Chrome, Opera etc) for all current

Versions and all variations of the Windows operating systems including win ME, XP, Win 2000, Win 2003, Vista and windows 7.

**2.5**. **Functional Features**

2.5.1. **Users Section**

1. Homepage: The website’s homepage will contain the header links, links to dynamic pages , homepage info slider with text & images, featured plans and pricing & advertisements, Virtual Classroom Try link and all static pages links such as about us, contact us etc... Home page will also contain popular Courses links, free try links to give live classes ,create and sell Online Courses. User can also view the details of Case Studies ,Blogs Courses and product features .
2. Category: The website will have three category that is Learners , Trainers and Organizations with multiple teachers. The users can select any category to get all informations under that category on registration time or They can try the Virtual Classroom.
3. Sign Up: Users can also get registered on the site using their email, password & type (as a Student give live classes or as a Teacher create and sell online courses or as an Organization…).
4. Sign In: The registered user can now login to their accounts using their email & password to use site’s services.

1. Student: This section contains the following:
   1. Find the right teacher/trainer by search that suits user specific needs
   2. Search courses on favorite topics and enroll to learn
   3. Upload , share, view, or download study material
2. Teacher: This section contains the following:
   1. Get all tools need to teach online.
   2. Deliver live classes, create online tests and share content
   3. Set up their courses online and run their own teaching program
   4. Enable interactive online discussions, promote peer to peer learning
3. Organization with multiple teachers: This section contains the following:
   1. Run a complete online learning program, deliver live classes
   2. Create personalized teaching website on this platform
   3. Manage multiple teachers/trainers and allow them to teach online from their co-branded sub-domain
4. Free trial: User can use 30-day free trial for enjoy all the premium benefits which are listed in a plan .If user cancel their subscription during those 30 days, user won’t be charged anything; however user will not enjoy the premium benefits anymore.
5. Payment: The payment cycle for user premium plan starts after the free trail ends.
6. Blogs**:** This section contains the following:
   1. List of popular blog posts
   2. View details of blog posts
   3. Post comments
   4. list of featured posts
   5. Search Blog Posts
7. API**: application programming interface (API) .**This section contains the following:
   1. Build applications that exchange data with website programmatically
   2. Provide various methods for integrate virtual classroom in their own website
   3. Scripts for API-Integration
8. Find an Agent: Users can find agents on the site for any type of support by chat process.
9. CMS: This section displays the where about of the site such as about us content , terms of use , about blog , contact us, resources , API ,popular Courses , plans and pricing & admin added pages or content. The content is either required to be added by the admin or by us if required:
   1. Support Pages
   2. Content
   3. Terms of Use
   4. About Us
   5. Blog
   6. Contact Us
   7. Resources
   8. API (application programming interface)
   9. Popular Courses
   10. Plans and Pricing
10. Contacts Us: This will allow the user to directly communicate with the owner of the site about his requirements and specifications through the website.

2.5.2. **Admin Section: - Major Section In this will include-**

**Admin Management-** Admin can:

* View/ add/ edit/ delete users on the website. He can view the details of each user.
* Admin can view / add/ edit/ delete and enable/ disable the plans/courses.
* Admin can Enable/Disable any user for accessing their Login.
* Admin should be able to see & delete popular courses and pricing
* Admin can manage all static pages on the website such as About Us, content , terms of use , plans and pricing , contact us, Support pages , API ,popular courses , Blog & admin added pages or content etc…

**Change Password** –Admin can

* Change the password for the admin panel through this section.

**CMS Management**: Admin can manage the content of the site such as about us, plans and pricing , Terms of user etc.

# Flow Charts:

## User Section:

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# Non-Functional Requirements



## Performance Requirements

* 95% of the transactions shall be processed in less than 1 second, but this is also based on the connection that user is using.
* There could be accessibility to almost unlimited users per second.
* The system will be working on run-time hence the performance will be based on the minimum requirements.

## Security Requirements

* All network transactions that involve usernames and passwords shall be encrypted.

## Software Quality Attributes

The product developed here will contain following quality attributes-

### Correctness

The product developed here will be traceable, complete and consistent. Therefore it will attract the users to do their job on the website.

### Efficiency

Product developed here will be efficient in execution and will be storage efficient.

### Usability

Product will provide great degree of usability by provide an effective easy to use GUI. The modules developed here will be reusable.

### Flexibility

Product will be flexible and can be customized as per the requirement of the market.

### Portability

The proposed web will be portable to all major web browsers of major operating system. Product will also maintain compatibility to older browsers.

### Maintainability

The product will be easy to maintain by the Administrator of the website by using the admin console. Thus provide high degree of maintainability.

# User Documentation

* The website developed here assumes the users are aware of filling data and posting forms.
* The speed of the users’ connection will depend on the hardware used rather than characteristics of this website.

# Development Process

We have outlined each and every section contained in your requirement in above SRS and it includes following:

* Designing and approval for selected designs
* Development of:
  + Front Section
  + Admin section
* QA Testing:
  + Testing Bugs
  + Fixing Bugs