Software Requirement Specification

E-learning website

Introduction

1.1 Purpose

- The primary purpose of this e-learning website is to make quality education more accessible online and to expand learning opportunities for people around the world.
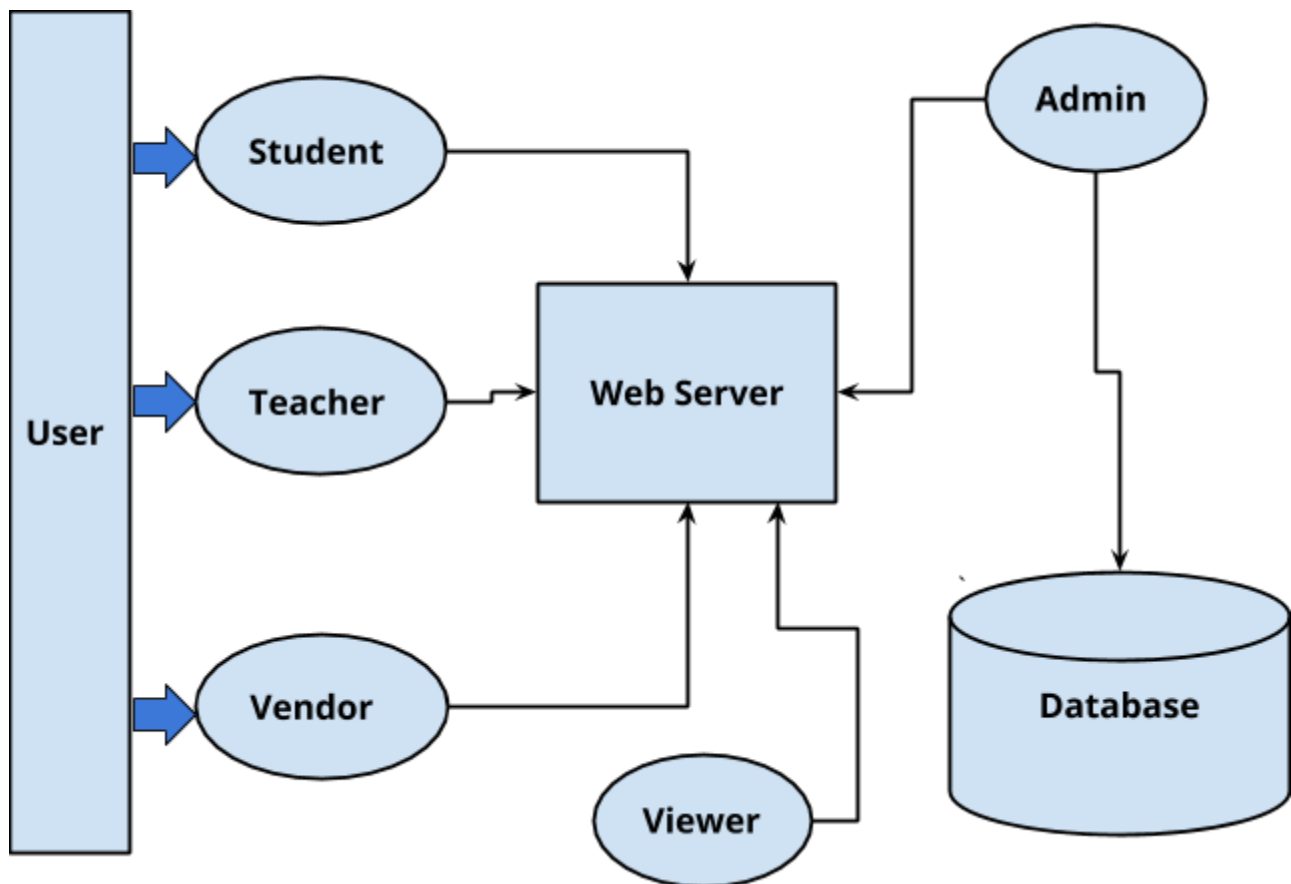
1.2 Scope

This website will be used by people around the world of all age groups and academic backgrounds to:

- Learn from a vast genre of free, paid and certified courses offered by teachers around the world.
- People will be able to learn new skills, advance their careers, and explore their hobbies by sharing knowledge with each other.
- We will provide a community of great teachers to help students get quality academic facilities from any computer connected to the Internet.

- This website is designed in a way that it can be easily extended to provide more features and will be easily customizable so that it can work according to every potential user.

Overall Description

2.1 Features and functionalities

User:

A user before creating an account can access the following information but course progress and other data will not be stored:

- Check out all the details regarding courses and teachers.
- Access free videos and read articles.
- Add courses in their cart.
- View the bestselling courses.

The website will provide a login portal for the users to access the following interfaces.

1. Admin
2. Student
3. Teacher
4. Vendor

There will be a set of features associated with each interface.

Teacher:
A teacher can:
- Add, delete and edit course
- Manage class schedule
- Conduct classroom, tests and take assignments.
- Share free, paid and certified courses.
- Upload videos and articles

Student:
 A student can:
- View a full description about courses and teachers.
- Purchase certified courses
- Avail Free certified courses
- Add courses in wishlist
- Add courses in cart
- View lectures and submit assignments
- Give feedback and Suggestion about teacher
- Upload articles

Vendor:
A vendor can:
- Set up their own classrooms and offer courses.
- Manage courses (edit, delete, add).
- Enroll students and also cancel their enrollments.

Admin:

An admin can:
- add, edit and delete users
- manage the system operations,database and configuration etc
- Also edit, delete and add courses.
- Share any article or announcement

2.2 Database models

Admin:

This model will take care admin and employees details and their roles and privileges,

Course:

This model will cover all categories, subcategories and courses a website will be providing.

Student:

In this model, all the data regarding students and their enrollments will be stored.

Teacher:

In this model, teacher details will be stored.

Vendor:

In this model, vendor details will be saved.

Subscription:

This model will be all about courses subscriptions, wish lists etc.