

Software Requirements Specification

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1. Objective and Scope

The Objective and the scope of the project is to create a website, Where people can sign up and learn lots of different courses on different topics.

The scope of the product includes the following basic features:

- Offer people plenty of options covering various topics and skill levels.
- Allow users to easily register and create accounts on the platform.
- Develop a user-friendly search and browsing system for users to find courses that match their interests
- Provide engaging course materials such as videos, quizzes, and interactive exercises.
- Allow users to track their progress within courses and assess their performance.
- Allow users to communicate and discuss their doubts with instructors and fellow learners through discussion forums, messaging tools, and Q&A sessions.

2. Project End Users

Those who seek to learn new skills and knowledge through online courses will be the primary users of the platform

3. Features

3.1 Sign-in Process

- Each user should sign in to the platform using a unique username and password.
- Usernames must only contain alphabets, numbers, dot (.), and underscore (_) symbols.
- Passwords can be chosen freely by the users.

3.2 Course Creation and Management

Create Course:

Instructors have the ability to create, publish, and manage courses on the platform.

Edit Course:

Instructors can change and update courses when necessary, keeping content fresh and updated.

3.3 Content Delivery

- Courses will include video lectures, quizzes, assignments, and other learning materials.
- Content will be available online and may be downloadable for offline use.

3.4 Assessment Overview

- Assessments in courses include quizzes, assignments, and exams.
- Interactive Quizzes with multiple-choice, true/false, or open-ended questions.
- Tasks or projects to promote thinking and knowledge.
- Timed assessments evaluating students' understanding of course material.

3.5 User Interaction

- Learners are encouraged to participate in discussions, pose questions, and interact with both instructors and fellow students.
- Instructors can provide feedback and support to students.

3.6 Progress Tracking

- Users can view their progress and access completion certificates by navigating to their profile settings and selecting the "Course Progress" or "Certificates" section.

3.7 Reporting

- The platform will produce analyses on completion rates, student involvement, assessment outcomes