Software Requirements Specification

for

Mini Project – eLearning Portal

Version 1.0

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IOD Cohort

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Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| SRS | 29-05-2025 | Initial Draft | 1.0 |
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# Introduction

## Purpose

The purpose of this Software Requirements Specification (SRS) document is to define the detailed functional and non-functional requirements captured during the requirement elicitation process. It will provide a clear understanding of the eLearning Management System requirements for a successful implementation.

## Intended Audience

This eLearning Management System is designed to support a wide range of users seeking a flexible platform for online learning

## Project Scope

The web-based eLearning Management System should be designed with a modern and intuitive design to provide a seamless learning experience.

The scope of this project includes:

* Development of a responsive web interface accessible on multiple devices
* Fetch course data from internal storage as .*json* file format
* Develop a complete landing page to display:
  + Navigation Menu
  + Hero Section
  + About Section
  + Popular Courses (display 3 courses)
  + Display trainers
  + Footer Section

## Future Work

* Student Login and Registration
* Implementation of role-based access control
* Support for uploading and managing course materials
* Real-time progress tracking and reporting for learners and instructors

# Description

## Product Perspective

The eLearning System will be developed as a completely new, standalone web-based application. The system will provide a centralized platform for delivering online classes, where prospective students can browse available courses, learn about class details.

## Product Features

The landing page will different sections:

* Heading Section with navigation features
* Hero section to for branding (tagline and photo)
* Why choose us? Section with image
* Course listing Section with details (Page for all the courses)
* Instructor listing Section with details

### **Heading Section with Navigation Features**

**User Story:**

As a **user**, I want to access a clear and consistent heading section with navigation links, so that I can easily explore different sections of the landing page like –

* Home,
* About
* Courses and
* Login.
* Register

### **Hero Section for Branding (Tagline and Photo)**

**User Story:**

As a **first-time visitor**, I want to see a visually appealing hero section with a tagline and an image reflecting the company’s brand and what it does, so that I can quickly understand the purpose.

### “Why Choose Us?” **Section** with Image

**User Story:**

As a **prospective student**, I want to view a “Why Choose Us?” section with key benefits and a relevant image, so that I can understand what makes this eLearning platform unique or different from any other online learning portals and why I should enrol.

### Course Listing Section with Details

**User Story:**

As a **learner**, I want to browse a list of available courses with brief descriptions, duration, and instructor details, so that I can plan my schedule and choose the course that best fits my current workload and fulfil my needs.

### Instructor Listing Section with Details

**User Story:**

As a **learner**, I want to view profiles of instructors with their photos, bios, and areas of expertise, so that I can make informed decision and feel confident in their qualifications and also learn more about who will be teaching the courses

# Work Plan

|  |  |
| --- | --- |
| TASK NAME | DURATION  in Hrs |
| Heading Section with navigation features | 1 |
| Hero section - branding (tagline and photo) | 1.5 |
| Why choose us? Section with image | 1.5 |
| Course listing Section with details (Page for all the courses) | 3 |
| Trainers listing Section with details | 2 |
|  | 9 hrs |