PR2 A1

FUNCTIONAL AN TECNICAL DESIGN DESCRIPTION II

360 REWIN

1. CMS System

The 360 REWIN e-Learning Platform is an initiative designed to enhance the educational capabilities of lecturers, psychologists, and social workers who aid immigrant women affected by gender violence.

A Content Management System (CMS) is a software application that enables users to create, manage, and modify content on a website without the need for specialized technical knowledge. Essentially, a CMS provides a user-friendly interface where users can add, edit, and organize text, photos, videos, and other media to publish on their websites. It often includes features for managing workflows, collaboration between users, and access controls that specify who can see or edit different parts of the website. Popular examples of CMSs include WordPress, Joomla, and Drupal. These platforms allow individuals and businesses to manage their online presence more efficiently, even if they do not have extensive programming skills.

IN this project we have choosen Wordpress for some important reasons that we are going to see below.

2. Justification

To justify the choice of WordPress as a Content Management System (CMS) for an eLearning platform, rather than opting for a Moodle-based solution or other specialized eLearning environments, the following points can be considered:

1. **Advanced customization**: WordPress offers significant flexibility in terms of customization, allowing users to tailor almost every aspect of the platform to meet specific business and project needs. This includes adjustments in design, functionality, and integration with other tools and services, providing a highly personalized experience.

2. **Scalability:** WordPress is robust enough to scale with the growth of an eLearning platform, capable of supporting a large number of users and managing an extensive content library. This scalability is crucial for eLearning platforms that need to expand their course offerings and user base quickly.

3. **Wide plugin ecosystem:** WordPress boasts a vast repository of plugins that extend the platform's capabilities to include specific eLearning functionalities. These plugins can add features such as course management activities and certification processes, enabling a more tailored educational experience.

4. **Integration and compatibility:** WordPress seamlessly integrates with a broad array of systems and software, making it easier to synchronize with existing tools and improve workflow efficiencies.

5. **Total control and ownership of the site:** Utilizing WordPress means maintaining complete control over the eLearning platform. Unlike eLearning platforms as a service, this approach frees us from the constraints of external providers' pricing policies and data control issues.

6. **Support and community:** WordPress is supported by one of the largest and most active communities of developers and technology experts worldwide. This network ensures ongoing support and access to a wealth of resources necessary for addressing any operational issues or development needs.

7. **Cost considerations:** While the initial development using WordPress can be intensive, requiring significant time and effort, the long-term benefits of customization, control, and scalability often justify the initial investment.

In summary, while Moodle and other specialized eLearning platforms offer out-of-the-box features tailored to educational environments, WordPress provides a more versatile framework that can be customized extensively to meet specific eLearning requirements. This

makes WordPress a compelling choice for those seeking a platform that they can mold and adapt over time, aligning closely with evolving educational goals and business strategies.