

# Project Requirements Document (Cahier des Charges)

## Project Title: Bidayet

**Subject:** E-Learning Site for Specific Courses (Quranic Recitation Tajwid, Sona, Arabic Language, English Language, Computer)

## 1. Introduction

Bidayet is an e-learning platform designed to provide courses in various subjects such as Quranic recitation (Tajwid), Sona, Arabic language, English language, and computer skills. The platform will have three distinct spaces: Admin, Teacher, and Student, each with specific functionalities to manage and facilitate the learning process. The project is non-profit, funded through donations and government grants, and aims to provide quality education to its users.

## 2. Objectives

- Provide a user-friendly and dynamic platform for e-learning.
- Ensure effective management of courses, users, and content.
- Facilitate communication and interaction between teachers and students.
- Maintain a high level of user engagement and satisfaction.
- Adhere to SEO standards and ensure the platform is responsive and accessible in both English and Arabic.

## 3. Functional Requirements

### 3.1 Admin Space

The Admin space will provide a comprehensive dashboard for managing various aspects of the platform. Key features include:

- Dashboard: Display statistics on the number of students, courses, student progress, teacher hours, and a calendar of courses and events.
- User Management: Add, edit, and remove users (students and teachers).
- Course Management: Create, update, and delete courses.
- Coin Management: Manage content categories and titles within the "coins" section (e.g., Islamic stories, daily quizzes).
- Blog Management: Create, edit, and delete blog posts.
- Review Management: Manage user reviews and feedback.
- Page Management: Create and update static pages (About Us, News, Our Team, FAQ & Help, Conditions and Privacy).
- Charity Balance Management: Track donations and manage the balance.
- Payment Management: Integrate and manage PayPal payments.
- Event Management: Plan and manage events.

### 3.2 Teacher Space

The Teacher space will provide a dashboard for managing courses and students. Key features include:

- **Dashboard:** Display statistics on courses, students, and overall progress, along with a calendar of personal courses and events.
- **Portfolio Management:** Allow teachers to manage their personal portfolio.
- **Course Management:** Create, update, and manage courses, including scheduling classes via Zoom or Google Meet, managing participants, and planning calls.
- **Document Sharing:** Share course-related documents with students.
- **Blog Creation:** Create and share blog posts and other content.

### 3.3 Student Space

The Student space will provide a dashboard for tracking progress and accessing course materials. Key features include:

- **Dashboard:** Display progress in enrolled courses and a calendar of upcoming courses and events.
- **Course Access:** Request to join courses, access scheduled courses, and view shared documents and content such as "coins" and blogs.
- **Profile Management:** Manage personal profile information.

## 4. Non-Functional Requirements

- **SEO Compliance:** Ensure the platform adheres to SEO best practices.
- **Testing and Deployment:** Include phases for rigorous testing and deployment to ensure a bug-free and user-friendly experience.
- **Search, Filter, and Pagination:** Implement search, filter, and pagination options on all relevant pages.
- **Multilingual Support:** Provide content in both English and Arabic.
- **Responsive Design:** Ensure the platform is responsive and accessible on various devices.

## 5. Actors and Their Roles

### 5.1 Admin

**Description:** Admins are responsible for overseeing and managing the entire platform.

**Role:** Manage users, courses, content, payments, and events. Admins ensure the smooth operation of the platform by handling administrative tasks and maintaining content quality and relevance.

### 5.2 Teacher

**Description:** Teachers are responsible for creating and delivering course content to students.

**Role:** Manage personal portfolio, create and manage courses, schedule and conduct online classes, share documents, and create blog posts. Teachers track student progress and provide necessary support and feedback.

### 5.3 Student

**Description:** Students are the primary users of the platform, seeking to learn and develop new skills.

**Role:** Access and participate in courses, view progress, join scheduled classes, access shared documents, and engage with content like blogs and "coins." Students manage their profiles and communicate with teachers for support.

## 6. Interface Descriptions

### 6.1 Admin Interface

- Dashboard: Central hub displaying key statistics and a calendar.
- User Management: Interface for adding, editing, and deleting users.
- Course Management: Tools for creating, updating, and deleting courses.
- Coin Management: Interface for managing content categories and titles within the "coins" section.
- Blog Management: Tools for creating, editing, and deleting blog posts.
- Review Management: Interface for managing user reviews and feedback.
- Page Management: Tools for creating and updating static pages.
- Charity Balance Management: Interface for tracking and managing donations.
- Payment Management: Integration with PayPal for managing payments.
- Event Management: Tools for planning and managing events.

## **6.2 Teacher Interface**

- Dashboard: Overview of courses, student progress, and personal calendar.
- Portfolio Management: Interface for managing personal portfolio details.
- Course Management: Tools for creating, updating, and managing courses, scheduling online classes, and managing participants.
- Document Sharing: Interface for sharing course-related documents with students.
- Blog Creation: Tools for creating and sharing blog posts and other content.

## **6.3 Student Interface**

- Dashboard: Overview of course progress and personal calendar.
- Course Access: Interface for requesting to join courses and accessing scheduled classes.
- Document Access: Interface for viewing shared documents and content such as "coins" and blogs.
- Profile Management: Tools for managing personal profile information.

## **7. Conclusion**

Bidayet aims to create an inclusive and efficient e-learning platform that meets the educational needs of its users. By providing comprehensive management tools for admins and teachers, and a seamless learning experience for students, Bidayet will contribute to the accessibility and quality of education for all.

By adhering to these requirements, Bidayet will ensure a robust and user-centric e-learning platform that aligns with its non-profit objectives and delivers a high-quality educational experience.