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Faculty of Information
Technology

Multimedia and Web Development
Department



الجامعة الإسلامية بغزة

كلية تكنولوجيا المعلومات

قسم الوسائط المتعددة وتطوير الويب

Raya Web Application

تطبيق رعاية إلكتروني

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Abstract

The challenge of connecting orphans with potential sponsors in a secure and efficient manner has long hindered effective sponsorship management, often leading to delays in support and incomplete tracking of orphan welfare. The Raya Web Application was developed to address this problem by providing a digital platform that streamlines the process of registering orphans, managing their personal data and essential documents, and facilitating sponsors in identifying and supporting children in need. The project aimed to create a user-friendly, secure system that allows orphans to maintain profiles with personal information and vital documents while enabling sponsors to browse, filter, and select orphan's data for sponsorship based on age, gender, and sponsorship status. The methodology involved designing a relational database to store orphan and sponsor information, developing a web-based interface using modern web technologies, and implementing features such as user authentication, document uploads, status tracking, and administrative oversight. As a result, the system successfully provides an organized, transparent, and accessible workflow that connects sponsors and orphans, ensuring real-time updates on sponsorships and easy management of orphan records. The project demonstrates that digital platforms can significantly improve orphan sponsorship processes, recommending further enhancements such as automated notifications and reporting features to optimize engagement and monitoring.

ملخص الدراسة

يُعد التحدي المتمثل في ربط الأيتام بالكفلاء المحتملين بطريقة آمنة وفعالة من أبرز العوائق التي طالما أعاقت إدارة الكفالات بشكلٍ فعال، مما يؤدي في كثير من الأحيان إلى تأخر تقديم الدعم وصعوبة تتبع أوضاع الأيتام بشكلٍ كامل.

ولمعالجة هذه المشكلة، تم تطوير تطبيق "رعاية" الإلكتروني (Raya Web Application) ليكون منصة رقمية تهدف إلى تبسيط عملية تسجيل الأيتام، وإدارة بياناتهم الشخصية ومستنداتهم الأساسية، وتسهيل عملية تواصل الكفلاء مع الأطفال المحتاجين ودعمهم. يهدف المشروع إلى إنشاء نظام إلكتروني آمن وسهل الاستخدام يمكن الأيتام من الاحتفاظ بملفات شخصية تحتوي على معلوماتهم الأساسية ووثائقهم الهامة، وفي الوقت نفسه يتيح للكفلاء تصفّح بيانات الأيتام وفرزها و اختيارهم للكفالة بناءً على العمر أو الجنس أو حالة الكفالة.

ارتکزت منهجية تنفيذ المشروع على تصميم قاعدة بيانات علائقية لتخزين معلومات الأيتام والكفلاء، وتطوير واجهة ويب تفاعلية باستخدام أحدث تقنيات تطوير الواقع الإلكتروني، بالإضافة إلى تطبيق ميزات متقدمة مثل نظام تسجيل الدخول (المصادقة)، رفع المستندات، تتبع حالة الكفالة، والإشراف الإداري.

وقد أسفر المشروع عن نظام منظم وشفاف وسهل الوصول يربط بين الكفلاء والأيتام، ويضمن تحديثات فورية حول حالات الكفالة وإدارة ميسّرة لبيانات الأيتام. ويُظهر المشروع أن المنصات الرقمية قادرة على تحسين عمليات كفالة الأيتام بشكلٍ كبير، مع التوصية بتطوير النظام مستقبلاً بإضافة ميزات مثل الإشعارات التلقائية وتقارير المتابعة لتعزيز التفاعل والمراقبة المستمرة.

Dedication

This work is wholeheartedly dedicated to the orphaned children of Gaza, whose resilience and hope in the face of hardship inspire us all. It is also dedicated to the souls of the martyrs, whose sacrifices remain a beacon of strength, dignity, and perseverance for generations to come. May this project serve, even in a small way, as a step toward honoring their memory, supporting the orphans, and fostering compassion and responsibility within our communities.

Branding and Visual Identity

The logo of the Raya system represents the core values of care, protection, and emotional support provided to orphans through sponsorship. The design is composed of two abstract human figures arranged in a circular composition. The larger figure symbolizes the sponsor, while the smaller figure represents the orphan. Their interaction creates an embracing posture, emphasizing compassion and human connection.

A small heart is placed between the two figures to represent the emotional bond and humanitarian essence of the sponsorship relationship. Additionally, the presence of a leaf element signifies growth, development, and hope for a better future—reflecting the positive outcomes the system aims to achieve for orphans.

The circular outline surrounding the figures represents safety, security, and holistic care, indicating that the system offers continuous protection and follow-up throughout the sponsorship process.

The chosen color palette reinforces these symbolic meanings. The deep blue color conveys stability, trust, and responsibility, while the light teal shade expresses renewal, hope, and well-being. The golden heart symbolizes generosity and the value of giving.

Overall, the logo visually communicates the mission of *Raya*: to create a supportive and nurturing environment that empowers orphans and strengthens their emotional and social well-being.



Raya System Logo

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Chapter 1

Introduction

Chapter 1

Introduction

The issue of orphans represents one of the most significant humanitarian and social challenges worldwide. Many orphans struggle to obtain basic life necessities such as education, healthcare, and psychological or social support. In regions affected by conflict and instability such as Gaza in Gaza strip the number of orphans continues to rise due to difficult living conditions and ongoing unrest, increasing the need for sustainable and organized care solutions.

In this context, the Orphan-Sponsor System was developed as an integrated web-based platform designed to organize the sponsorship process and enhance communication between orphans and sponsors efficiently and transparently. The system enables orphans to create secure personal profiles containing their essential information and required documents, while allowing them to track their sponsorship status easily. Sponsors, in turn, can browse orphan profiles, apply search filters based on specific criteria such as age, gender, or sponsorship status, and submit sponsorship requests through the platform seamlessly.

The system also includes an administrative interface (Admin Panel) that allows the administrator to oversee the management of users, orphans, and sponsors, control the system's general content, and monitor performance indicators through a statistics dashboard. This dashboard provides numerical reports and visual summaries of data such as the number of orphans, sponsors, and active sponsorships, thereby enhancing information accuracy, monitoring efficiency, and transparency across the system.

The project aims to provide a reliable digital environment that facilitates the sponsorship process and supports charitable organizations and community initiatives in delivering care to orphans. This introduction outlines the significance and motivation behind the system's development and establishes the foundation for the following chapters, which detail its objectives, methodology, and achieved results

1.1 Problem Statement

Orphans and their families in the Gaza Strip continue to face persistent challenges in accessing stable and organized support due to political instability, economic hardship, and frequent infrastructure disruptions such as electricity and internet outages. Traditional orphan sponsorship systems often rely on intermediaries like charitable organizations or administrative bodies, which can lead to procedural delays, limited transparency, and reduced direct engagement between sponsors and orphans.

To address these challenges, the Raya Web System has been developed as an integrated digital platform designed to streamline the sponsorship process and facilitate efficient, transparent interactions between orphans and sponsors. The system includes three primary user roles:

- **Orphan:** Each orphan can manage a personal profile containing essential information, upload required documents, and monitor their sponsorship status.
- **Sponsor:** Sponsors can browse orphan profiles and apply advanced filtering tools based on specific criteria such as name, age, educational status, sponsorship status (sponsored or not), and city.

- Admin: The administrator oversees all system users and has the authority to activate or deactivate accounts, verify user information, and delete users when necessary.

This structure improves the efficiency of the sponsorship process through automation and continuous data monitoring while promoting transparency and accountability via clearly defined user roles and permissions. Consequently, the system provides a reliable digital environment that bridges the gap between orphans and sponsors, enabling individuals and organizations to deliver sustainable and impactful humanitarian support based on accurate and trustworthy information

1.2 Importance of the Project

The significance of Raya lies in its ability to create a direct, transparent, and efficient bridge between orphans and sponsors eliminating the need for administrative intermediaries. As mobile and digital platforms increasingly shape how people engage in charitable work, there is a growing demand for solutions that allow individuals and organizations to support vulnerable communities in real-time with full transparency and control.

The platform offers a user-friendly interface where sponsors can browse verified orphan profiles, apply advanced filtering based on criteria such as age, educational status, sponsorship status, and city, and select cases to support. Sponsors can also maintain ongoing communication and updates directly with the orphans or their guardians, fostering trust and ensuring that assistance reaches its intended recipients without delay or mismanagement.

Orphans benefit from enhanced profile management features, the ability to upload required documents, and real-time tracking of their sponsorship status. The addition of the admin user ensures that all system operations are efficiently monitored, with capabilities to verify users, manage accounts, and oversee the overall data integrity. Furthermore, the newly implemented statistics dashboard provides real-time insights into key metrics such as the number of orphans, sponsors, and active sponsorships, promoting data-driven decision-making and transparency across the platform. By integrating these features, Raya not only strengthens the connection between orphans and sponsors but also advances social responsibility and digital transformation in the humanitarian sector, enabling more sustainable, tech-enabled charitable practices.

1.3 Objectives

Main Objective

To develop a web-based orphan sponsorship system that provides a secure, efficient, and transparent platform connecting orphans and sponsors, streamlining data management, and enhancing accessibility and accountability across the sponsorship process.

Sub-Objectives

1. Design and implement a user registration and authentication system for orphans, sponsors, and administrators with appropriate permissions.
2. Create comprehensive orphan profiles including personal data, education, social background, and sponsorship status.
3. Provide search and filtering tools that allow sponsors to easily find orphans based on criteria such as age, gender, educational status, city, and sponsorship status.
4. Implement a sponsorship management feature that allows sponsors to initiate and track sponsorships while automatically updating orphan statuses in real time.
5. Develop an administrative dashboard to manage users, verify information, and ensure data accuracy and integrity.
6. Include a statistics dashboard offering real-time insights into the total number of orphans, sponsors, and sponsorships, supporting data-driven decision-making.
7. Ensure data security and privacy through protection mechanisms for all user information.
8. Maintain a user-friendly, responsive interface that encourages participation and accessibility for all users

1.3.1 Main Objective

The main objective of this project is to develop a web-based orphan sponsorship application that offers a secure, efficient, and transparent platform to connect orphans with potential sponsors. The system aims to streamline the management of sponsorship data, improve accessibility for all users, and enhance accountability and trust throughout the sponsorship process

1.3.2 Sub Objectives

To achieve the main objective of the project, the following sub-objectives were identified:

1. Design and implement a user registration and authentication system that allows orphans, sponsors, and administrators to securely create accounts and access the platform with appropriate permissions.
2. Create comprehensive orphan profiles that include personal information, essential documents, educational and social data, and sponsorship status, providing sponsors with accurate and reliable information.
3. Provide a search and filtering mechanism enabling sponsors to browse orphan profiles using advanced criteria such as age, gender, educational status, city, and sponsorship status.
4. Implement a sponsorship request and management feature that allows sponsors to initiate, confirm, and track sponsorships while automatically updating the orphan's status in real time.

5. Develop an administrative dashboard for the admin user to manage all system users, verify information, activate or deactivate accounts, oversee sponsorships, and maintain data integrity.
6. Include a statistics dashboard that provides real-time insights, such as the total number of orphans, the number of sponsored and unsponsored orphans, and the number of orphans sponsored during the current month, supporting data-driven decisions and transparency.
7. Apply data security and privacy measures to protect sensitive information of all users and ensure a safe and trustworthy environment.
8. Ensure the system is user-friendly and accessible, encouraging engagement from orphans and sponsors alike.

1.4 Scope and Limitations

Scope

The scope of this project is to design and implement a web-based orphan sponsorship application that allows orphans to register, create detailed personal profiles, and upload necessary documents, while enabling sponsors to browse, filter, and select orphans for sponsorship efficiently. The system also provides administrators (Admin) with comprehensive tools to manage users, verify information, oversee sponsorships, monitor data integrity, and access a statistics dashboard showing the total number of orphans, sponsored and unsponsored orphans, and orphans sponsored during the current month.

The project focuses on creating a secure, transparent, and user-friendly platform that enhances the efficiency of the sponsorship process and improves accessibility, accountability, and trust for both orphans and sponsors.

Key functionalities included within the project scope are:

- User registration and authentication for orphans, sponsors, and administrators.
- Comprehensive orphan profile management with personal, educational, social information, essential documents, and sponsorship status.
- Browsing and advanced filtering features for sponsors to find and select orphans based on multiple criteria.
- Sponsorship request and management system with real-time updates to orphan status.
- Administrative dashboard for managing users, monitoring sponsorships, and maintaining data consistency.
- Statistics dashboard providing real-time insights into orphan sponsorship metrics.
- Basic security and privacy measures to protect sensitive user data.

Limitations

Despite its contributions, the project is subject to certain limitations:

- Financial transactions, such as online payments or direct monetary support, are not integrated into the system and are assumed to be handled externally.
- The system does not include advanced analytics or reporting tools, which may be required for large-scale sponsorship programs.
- The application is primarily designed for web-based access and does not yet include a mobile application version.
- Language support is limited to the current implementation and may require expansion for broader international usage.
- The project was developed and tested within a limited timeframe, which may restrict scalability and performance testing under high user loads.

By defining its scope and acknowledging its limitations, the project clarifies what has been achieved and provides direction for potential future improvements, including mobile support, advanced analytics, and multilingual capabilities.

1.5 Importance of the project

The Orphan-Sponsor Web Application holds significant importance both in humanitarian value and practical application. From a social perspective, the project directly addresses one of society's most critical needs ensuring orphans receive care, support, and opportunities for a better future. By creating a platform that connects orphans with potential sponsors and incorporates an administrative role, the system promotes compassion, social responsibility, and organized community engagement. The addition of a statistics dashboard further enhances transparency by providing real-time insights into the total number of orphans, sponsored and unsponsored orphans, and those sponsored during the current month, thereby fostering trust and accountability between sponsors, orphans, and administrators.

From a technical perspective, the project contributes to the field of web-based information systems by demonstrating how modern technologies can securely and efficiently manage sensitive data. Features such as comprehensive orphan profiles, document uploads, advanced sponsor search and filtering, sponsorship tracking, administrative oversight, and real-time statistics illustrate the integration of practical software solutions with real-world humanitarian needs.

Moreover, the project lays the foundation for future enhancements, including integration of online payment systems, multilingual support, and mobile applications, which would expand accessibility and scalability. As such, the project has the potential to become a valuable tool for organizations and communities aiming to streamline orphan sponsorship programs and strengthen support for vulnerable children.

Chapter 2

Related Works

Related Works

This chapter reviews existing digital platforms and systems that facilitate sponsorship, charitable giving, and social support, with the goal of identifying their main features, advantages, and limitations. By analyzing these systems, the study highlights the gaps that the **Raya System** seeks to address through a transparent, efficient, and community-driven sponsorship model.

2.1 Traditional Sponsorship Platforms

Several charitable and humanitarian organizations have developed online platforms that allow users to sponsor orphans, support children's education, or fund healthcare and social welfare initiatives. Examples of these platforms include UNICEF Child Sponsorship, Save the Children, and Islamic Relief's Orphan Sponsorship Program.

Common Features:

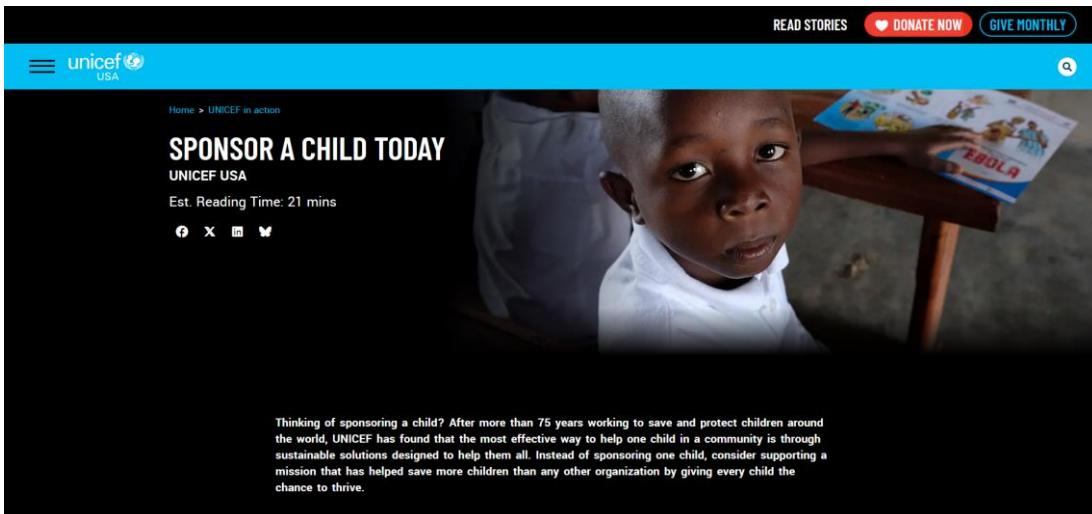
- Centralized management of donations and sponsorships.
- Fixed monthly contribution models (e.g., \$30–\$50 per orphan per month).
- Verified orphan profiles with periodic updates (photos, progress reports).
- Secure online payment gateways.
- Verification of orphan identity and needs through official local partners.

Advantages:

- High level of trust due to NGO credibility and international presence.
- Regular updates to sponsors about the child's welfare and education.
- Ensured fund distribution and accountability.

Limitations:

- Heavy reliance on administrative intermediaries for fund distribution and communication.
- Delays in updates and lack of real-time interaction between sponsors and orphans.
- Limited customization of sponsorship type (fixed monthly model only).
- Higher operational costs that reduce the percentage of funds directly reaching the orphan.
- Often restricted to regions with an established NGO presence, leaving remote areas underserved.



2.1 UNICEF Child Sponsorship Welcome page

These limitations highlight the need for a more flexible, transparent, and decentralized approach—one that reduces dependency on intermediaries and enables direct, real-time engagement between sponsors and orphans.

2.2 Peer-to-Peer (P2P) Donation Platforms

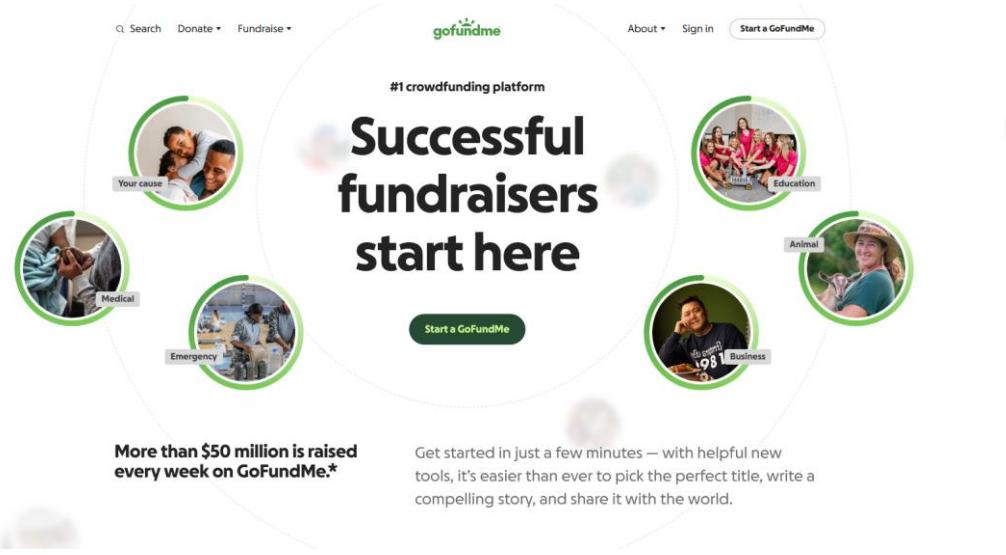
In recent years, peer-to-peer (P2P) donation and crowdfunding models have gained popularity, allowing individuals to provide direct financial support to people in need without the involvement of large administrative organizations. Notable examples include GoFundMe, LaunchGood, and GiveDirectly.

Advantages:

- Direct connection between donors and recipients.
- Flexible donation amounts (one-time or recurring).
- Faster support delivery and increased transparency through direct updates.

Drawbacks:

- Lack of structured verification mechanisms for beneficiaries.
- No dedicated system for long-term sponsorship or progress tracking.
- General-purpose design—not focused on orphans or vulnerable children.
- Potential security risks and limited accessibility in underserved regions.



2.2 GoFundMe Welcome page

While these platforms empower users to give directly, they do not provide the necessary structure, verification, or management tools needed for sustainable orphan sponsorship.

2.3 Summary of Limitations in Existing Systems

Across both traditional and P2P models, several recurring challenges emerge:

- Dependence on intermediaries that slow communication and increase operational costs.
- Limited verification and monitoring, especially in peer-to-peer systems.
- Restricted flexibility, with most traditional platforms offering fixed monthly sponsorships.
- Lack of transparency in tracking sponsorship status and fund usage.
- Inaccessibility for remote or underserved areas, where NGOs may not have local branches.

2.4 The Proposed Solution: Orphan Sponsor (Raya) System

The Raya System bridges the gap between verified sponsorship and decentralized giving. It combines the security and oversight of traditional platforms with the transparency and direct engagement of peer-to-peer models.

Key Features of the Orphan Sponsor System:

- Administrative Oversight: A dedicated admin role ensures user verification, monitors sponsorships, and maintains data integrity.

- Direct Interaction: Sponsors can communicate directly with guardians or verified representatives without depending solely on third-party intermediaries.
- Customizable Sponsorship Models: Allows for one-time donations, recurring monthly support, or project-based assistance tailored to the orphan's needs.
- Verified Communication: Each orphan profile includes a verified contact email for ongoing communication and updates.
- Focus on Underserved Areas: Designed to reach orphans in remote or marginalized communities.
- Statistics Dashboard: Provides real-time insights into the number of orphans, sponsorship status, and recent activity to support data-driven transparency.

By integrating these features, the Raya system offers a secure, efficient, and transparent platform that minimizes administrative barriers, empowers sponsors with control and visibility, and ensures that every orphan receives timely and accountable support.

مرحباً بك في مشروع رعاية
أنت طرifice الدخولة

أنشطة المشروع

التكامل المجتمعى
تشجع المجتمع على المشاركة والمساهمة في تحسين حياة الأيتام من خلال المدحالت والمبارزات.

التعليم والدعم النفسي
توفر برامج تعليمية ودورات تدريبية، بالإضافة إلى جلسات دعم نفس للأطفال الأيتام.

كفالات الأيتام
توفر دعماً مالياً ومنفعة للأطفال الأيتام لتساعدهم تعليمهم وحياتهم الكريمة.

قصة الطفل اليتيم
“كنت خالقاً من المستقبل، حتى جاء من يؤمن بي.”
آدم، أحد أطفال مشروع رعاية، بحيه مليء بالتحديات بعد فقدان والده. يفضل الكفالة والدعم النفسي والتعليم، أحسن لديه أمل وحياة أفضل. مشروع رعاية يغير حياة الأطفال خطوة بخطوة، ليمنحهم الأمان والتعليم والفرصة لبناء مستقبل مشرق.

قصة الكفيل
الشكور لكتفاته رعاية، الذين حملوا رسالة العطاء على عاتقوه، وساهمو في تغيير حياة الأطفال الأيتام، من خلال دعمهم المستمر، أحسن للأطفال فرصة للتعلم والنمو في بيئة آمنة، واكتساب مهارات الحياة، وبناء مستقبل مشرق مليء بالأمل والطموح. كل كفيل هنا يترك بصمة إيجابية لا تنسى في حياة طفل يحتاج.

قالوا عنا
“يُفضل مشروع رعاية، شعرت بالأنسان والأمل من جديد. لقد أعادوا لي الفرحة التي فقدتها، وأذكروا لي أن هناك من يهتم بي.”
“الكافلة هنا ليست مجرد دعم مالي، بل فرصة حقيقة لتغير حياة طفل، رؤية طفلولي يتسمون كل يوم هي أعظم مكانة يمكن أن أحصل عليها.”
“فريق العمل متزن ومخلص، يجعل العطاء رحلة ممتعة وملهمة. شعرت أن مساهمتي قدّمت فرقاً حقيقياً في حياة الأطفال.”
“كل يوم نرى شخص نجاح جديد، أطفال يتعلمون وينموون، ويشعرن بالأمل، هذا المشروع حقاً يزرع الحب والعطاء في كل قلب.”

مشروع رعاية © 2025 - جميع الحقوق محفوظة

2.3 Welcome page

Chapter 3

Methodology

3.1 Name of the Methodology

The Raya project adopted the Agile methodology, emphasizing iterative and incremental development, continuous stakeholder collaboration, and adaptability to changing requirements. Agile is well-suited for web applications with multiple user roles (Orphan, Sponsor, Admin) and dynamic features, including profile management, real-time sponsorship tracking, administrative oversight, and a statistics dashboard. This approach enables rapid feedback integration, continuous improvements, and ensures a user-centered, efficient, and responsive platform.

3.2 Rationale for Choosing the Methodology

Agile was chosen for the development of the Orphan-Sponsor Web Application because it aligns well with the project's goals and constraints. The development process required continuous feedback from all key users—orphans, sponsors, and administrators—to ensure the platform is user-friendly, relevant, and secure. The iterative and flexible nature of Agile allowed the team to incorporate enhancements to orphan and sponsor profiles, implement the administrative dashboard, integrate the statistics page, and address emerging requirements efficiently. This approach enabled the development team to respond quickly to challenges, make incremental improvements, and maintain high-quality standards throughout the project lifecycle.

3.3 Key Practices and Phases of the Methodology

The Agile methodology applied in the Orphan-Sponsor Web Application project involved several key practices and phases:

1. Requirement Gathering and Analysis
 - Conducted interviews and surveys with stakeholders, including orphans, sponsors, and administrators, to understand their needs.
 - Defined functional and non-functional requirements, such as enhanced orphan and sponsor profile management, document uploads, advanced filtering options, administrative control features, statistics dashboard, and security measures.
2. Planning and Backlog Creation
 - Created a comprehensive project backlog listing all tasks and features.
 - Prioritized tasks based on importance, dependencies, and user impact.
3. Iterative Development and Sprints
 - Developed the system in short iterations (sprints), each focusing on implementing a specific set of features.
 - Conducted regular sprint reviews to gather feedback from users and the admin team, and made adjustments accordingly.
4. Testing and Quality Assurance
 - Performed unit testing, integration testing, and user acceptance testing to ensure reliability, accuracy, and security.
 - Addressed issues promptly during each sprint to maintain high-quality deliverables.
5. Deployment and Review

- Deployed the web application to both local and online server environments for testing and demonstration.
- Collected user and admin feedback and incorporated final improvements, including enhancements to orphan and sponsor profiles, administrative functionalities, and the statistics dashboard, before project completion

3.4 Adaptations or Modifications to the Standard Methodology

Some minor adaptations were made to the standard Agile methodology to suit the context of this small student project:

- Extended planning: Additional time was allocated to carefully plan system features, ensuring that the Orphan-Sponsor Web Application functions reliably even with limited resources and basic internet connectivity.
- Simplified and extended sprints: Sprint durations were slightly longer than typical two-week cycles to allow the small development team enough time to fully implement and test features such as enhanced orphan and sponsor profiles, the administrative dashboard, and the statistics page.
- Additional focus on administration: Extra attention was given to designing, developing, and testing the Admin dashboard to ensure accurate management of orphan and sponsor data, sponsorship tracking, and system integrity.

These minor adjustments helped the project stay on schedule, achieve its objectives, and maintain flexibility, while keeping the development process manageable and effective for a small student team.

3.5 Timetable

The project followed the schedule below, showing key milestones and durations:

Phase	Duration	Key Activities
Requirement Analysis	1 weeks	Stakeholder interviews, requirement documentation
Planning and Backlog Creation	4 days	Task prioritization, project backlog setup
Iterative Development (Sprints)	3 weeks	Feature implementation, regular reviews
Testing and Quality Assurance	1 weeks	Unit, integration, and user acceptance testing
Deployment and Review	4 days	Final deployment, user feedback integration

3. 1 Project Schedule and Main Activities

Explanation:

Table 3.1 presents the project schedule, including the duration of each development phase and its key activities. The project began with requirement analysis, followed by planning and backlog creation. Iterative development was conducted through sprints, with continuous reviews to ensure progress. Testing and quality assurance validated system functionality, and the project concluded with deployment and user feedback integration. This timeline ensured an organized and structured development process

3.6 Team Management

3.6.1 Team Structure and Roles

Team Member	Role(s)	Responsibilities
Mohamed Alewaty	Project Manager & Backend Developer	Oversaw development, implemented server-side logic, managed database integration, administrative features, and project milestones.
Mohamad Alnajar	Frontend Developer & UI/UX Designer	Designed and implemented user interface, enhanced orphan/sponsor profiles, statistics dashboard, and admin views ensuring usability and responsiveness.
Momen Khafaja	Tester, Database & Documentation Manager	Conducted system testing, managed database, resolved issues, and prepared project documentation including guides for admin dashboard and sponsorship monitoring.

3. 2 Team Member and Responsibilities

Summary:

The table illustrates the clear division of roles within the team, ensuring efficient collaboration and full coverage of backend, frontend, testing, database management, and documentation tasks. This structure allowed the team to deliver a secure, user-friendly, and transparent web application for orphans, sponsors, and administrators.

3.6.2 Communication and Collaboration Tools

Project Tools and Platforms:

- Social Media: Real-time communication and coordination for features like orphan/sponsor profiles, admin dashboard, and statistics page.
- GitHub: Version control, collaborative coding, and update tracking for backend, frontend, and admin functionalities.
- Zoom: Sprint planning, daily stand-ups, reviews, and retrospectives to ensure team alignment and task coordination.

These tools facilitated effective teamwork, smooth development, and timely integration of features.

3.6.3 Conflict Resolution Strategies

Team Coordination:

Weekly meetings were held to discuss challenges, review progress, and resolve disagreements. Decisions were made by consensus; if consensus was not reached, the Project Manager served as the final decision-maker to maintain progress.

3.6.4 Teamwork and Delegation

Task Allocation:

Tasks were assigned based on expertise and availability, covering backend, frontend, enhanced profiles, admin dashboard, statistics, testing, and documentation. This ensured efficient use of skills, high-quality outcomes, and timely project completion.

3.8 Development Phases Summary

The development of the Orphan-Sponsor Web Application followed a structured, iterative approach based on the Agile methodology. This approach enabled the team to continuously refine and integrate features according to ongoing feedback from all user roles, including orphans, sponsors, and administrators. Key functionalities such as enhanced orphan and sponsor profiles, the administrative dashboard, and the statistics page were developed incrementally, ensuring quality, usability, and security.

Below is a summary of the project's main phases and the tools employed throughout the development lifecycle, highlighting how each contributed to effective planning, implementation, testing, and deployment.

Phase	Sprint Tasks	Duration	Start	Finish
Project Planning	Requirement gathering, analyzing user roles (Orphan, Sponsor, Admin), platform structure planning.	10 Days	01/09/2025	10/09/2025
Analysis	Use Cases, UML Diagrams, Sequence Diagrams, identifying workflows for registration, document uploads, and sponsorship requests.	7 Days	11/09/2025	17/09/2025
Design	ER Diagram, UI/UX wireframes (Figma), system architecture design, database schema definition.	10 Days	18/09/2025	27/09/2025
Implementation	Backend (PHP Laravel), Frontend (HTML, CSS, JavaScript), API development, document handling, sponsorship tracking.	20 Days	28/09/2025	17/10/2025
Testing	Unit testing, integration testing, user acceptance testing, performance adjustments, bug fixing.	7 Days	18/10/2025	24/10/2025

3.3 Sprint Tasks Duration time

3.9 Tools and Equipment

To develop the Orphan-Sponsor Web Application efficiently, a comprehensive set of software tools was employed to support various tasks, including database modeling, UI/UX design, API testing, version control, and management of enhanced features such as orphan and sponsor profiles, the administrative dashboard, and the statistics page. These tools facilitated collaborative development, streamlined integration, and ensured the system's functionality, reliability, and security throughout the project lifecycle.

Software	Description
Laravel	PHP framework used for backend development, routing, and server-side logic.
MySQL	Database management system used to store user, orphan, and sponsorship data.
Figma	Designing UI/UX wireframes and interface components.
Postman	API testing, validation, and debugging.
GitHub	Version control and collaborative code management.

3.4 Software Tools

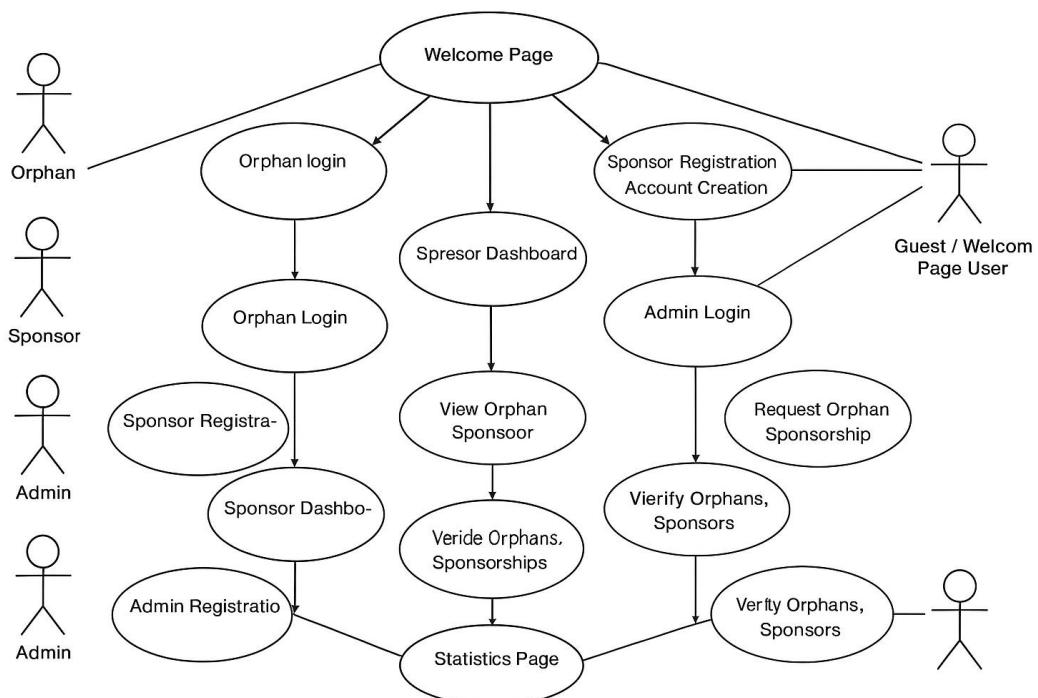
3.10 Programming Languages and Frameworks

Web Application Architecture and Technologies:

- Frontend (User and Admin Panels):
 - Built using HTML, CSS, and JavaScript to create responsive, interactive, and user-friendly interfaces for orphans, sponsors, and administrators.
 - Bootstrap was employed for consistent styling, layout, and design across all pages, including the statistics dashboard and administrative views.
- Backend (Server-Side APIs):
 - Developed using PHP with the Laravel framework to implement RESTful APIs and handle server-side logic efficiently.
 - Eloquent ORM (Laravel) was used for database interactions and management of enhanced features such as orphan and sponsor profiles, sponsorship tracking, and administrative controls.
- Database:
 - MySQL serves as the primary relational database, storing orphan profiles, sponsor information, sponsorship records, and administrative data.
- Document Handling:
 - Secure file upload and storage are managed through the Laravel storage system, ensuring safe management of personal documents and verification files.

This architecture supports a secure, scalable, and transparent environment for managing all interactions and data within the Orphan-Sponsor Web Application.

3.11 Data Flow and Interactions



3.1 use case diagram

Use Case Name	Edit User Info
Welcome	Provides general information about the platform; allows users to navigate to registration or login pages based on their role (Orphan, Sponsor, or Admin).
Orphan Registration / Account Creation	Entering personal info and Upload essential documents (birth certificate, personal photo, guardian ID);
Orphan Login	Access orphan dashboard
Orphan dashboard	View personal data and documents;
Orphan Profile edit	View personal data and uploaded documents; update personal info or upload new documents
View Orphan Sponsorships	View all sponsorships associated with the orphan.
Sponsor Registration / Account Creation	Enter personal information;
Sponsor Login	Access sponsor dashboard
Sponsor Profile edit	View personal data update personal info
View Sponsor Sponsorships	View all sponsorships associated with the Sponsor.
Sponsor dashboard	Filter orphans by name, age, city ,gender, sponsorship status
View Orphan for Sponsor	Displays the orphan's personal data and uploaded documents if the orphan is not yet sponsored by this sponsor; allows the sponsor to initiate a sponsorship.
Request Orphan Sponsorship	Select orphan; submit sponsorship request; status updates automatically
Admin Registration	Created securely by system or higher-level admin
Admin Login	Access administrative dashboard
Admin dashboard	Filter the display for the administrator by orphans, sponsors, and guardianship; verify user personal information and documents; activate, deactivate, or delete accounts.
Statistics Page (General Access)	Displaying comprehensive system statistics (total orphans, supported/unsupported, total sponsors relative to their sponsorships, and total sponsorships relative to current month's sponsorships).

3.5 use case table

3.12 Conclusion

Through Agile principles, modern development tools, and effective team communication, the Raya Web Application evolved from concept to a fully functional, scalable platform. Continuous collaboration ensured efficient progress and high-quality implementation.

Key features include:

- Administrator role: Verify and manage user data, including orphans and sponsors, with the ability to delete accounts.
- Statistics dashboard: Real-time insights on total orphans, sponsored/un-sponsored cases, and monthly sponsorships.
- Enhanced user functionalities: Secure profile management, document uploads, sponsorship tracking, and advanced filtering for orphans and sponsors.

This structured approach provides a practical reference for developing transparent, user-centric platforms and sets the foundation for future enhancements such as electronic payments and expanded regional support.

Chapter 4

System Development and

Implementation

This chapter focuses on the practical aspects of developing the Orphan-Sponsor Web Application, covering the analysis, design, implementation, testing, and deployment phases of the project.

4.1 Requirements Analysis

This section outlines the functional and non-functional requirements collected for the project, reflecting the latest enhancements:

4.1.1 Functional Requirements

- User Registration and Login: Secure account creation and authentication for orphans, sponsors, and administrators.
- Orphan Profile Management: Orphans can manage personal data, upload essential documents, and track sponsorship status.
- Sponsor Functionality: Sponsors can browse orphan profiles, apply advanced filters (age, gender, city, educational status, sponsorship status), and submit sponsorship requests.
- Administrative Dashboard: Admins can verify user data (orphans and sponsors), activate/deactivate or delete accounts.
- Statistics Page: Provides general insights on the system, such as total orphans, sponsored and unsponsored orphans, and orphans sponsored during the current month.

4.1.2 Non-Functional Requirements

- Secure handling of sensitive data for all users.
- User-friendly interface with responsive design and accessibility.
- Web-based platform compatible with common browsers.
- Reliability and availability to support multiple users simultaneously.
- Scalability to accommodate future features, such as online payments or expanded regional support.

4.2 System Design

This section describes the overall architecture and key components of the Orphan-Sponsor Web Application, highlighting interactions that ensure a seamless user experience.

Architecture:

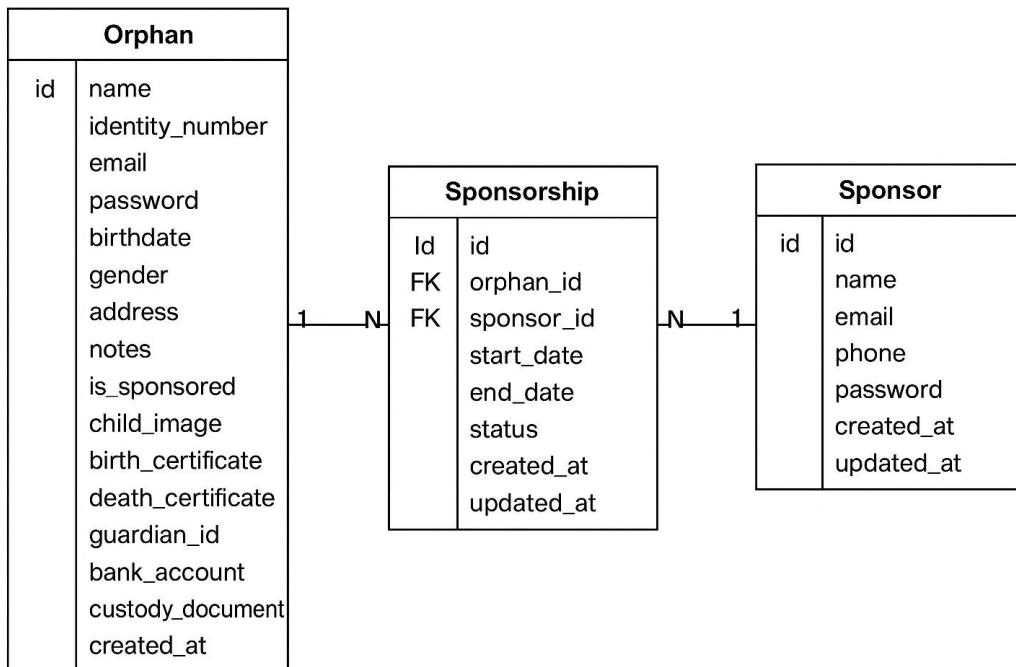
The system follows a client-server architecture with a web-based frontend and a backend server that manages the database and business logic. This separation ensures scalability, security, and maintainability.

Key Components:

- Frontend: Developed using HTML5, CSS3, and JavaScript, the frontend delivers responsive and interactive interfaces for orphans, sponsors, and administrators.
- Backend: Built with PHP using the Laravel framework, the backend handles server-side processing, routing, authentication, and API management.
- Database: MySQL stores all critical data, including user information, orphan profiles, sponsorship records, and system statistics.

Entity-Relationship Diagram (ERD):

The ERD illustrates the structure of the database, showing the main entities (Orphans, Sponsors, Admins, Sponsorships, and Statistics) and the relationships between them. It highlights how these entities interact to provide a clear and organized view of the system's data flow and relationships.



4.1: Raya Database ERD

This design ensures that the system efficiently manages data and supports the core functionalities of the application, such as profile management, sponsorship tracking, and secure communication between orphans and sponsors.

4.3 Implementation and Coding

- Programming Languages: PHP, HTML, CSS, JavaScript.
- Frameworks and Libraries: Laravel, Bootstrap, jQuery.
- Document Handling: Secure upload and storage of orphan documents (birth certificates, IDs, photos).

4.3.1 User Interface Implementation (Blade Views in Laravel)

This project uses the Laravel framework to manage and display orphan and sponsor information. The user interface is built with Blade Templates, utilizing inheritance via layouts.app to maintain a consistent look across all pages. The views are

Core Blade Structure

1. @extends('layouts.app')

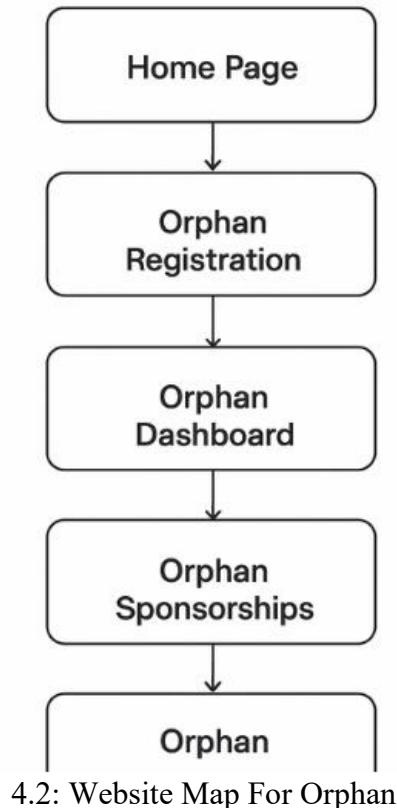
- Purpose: Inherit from a master layout file that contains the common HTML structure (header, footer, nav).
- Benefit: Promotes DRY (Don't Repeat Yourself) by standardizing layout across pages.

2. @section('content') ... @endsection

- Purpose: Defines the unique content area of each page.
- Usage: Includes forms, tables, and other page-specific content inside a unified layout.

Orphans Pages (Laravel Blade Views)

Orphans Pages



4.2: Website Map For Orphan

1. resources/views/layouts/app.blade.php

Purpose:

Master layout template for all pages.

Key Features:

- RTL language support.
- Includes Bootstrap styling.
- Dynamic background using `welcome.png` via the `::before` pseudo-element.

Notes:

- `background-size: cover` ensures full-screen background coverage.
- The `@yield('content')` directive is placed inside a `<div class="container">` for page-specific content injection.

2. resources/views/welcome.blade.php

Purpose:

The main landing page.

Features:

- Displays a welcome message with links to log in (as orphan or sponsor).
- Includes a transparent `.overlay` to make text readable over the background.

3. orphans/dashboard.blade.php

Purpose:

Dashboard for orphans after logging in.

Main Sections:

- Orphan profile data (name, email, ID...).
- Image handling with automatic path resolution and fallback.
- Display of documents (birth certificate, death certificate, custody...).
- Action buttons: Edit / Logout / Browse.

Tech Notes:

- Uses Blade + `@php` for image/file handling.
- Default image shown when no actual file is available.

4. orphans/edit.blade.php

Purpose:

Page to update orphan information.

Features:

- Editable form with full data and file fields.
- Shows existing images/documents alongside upload inputs.
- Supports file uploads via `enctype="multipart/form-data"`.

5. `orphans/list.blade.php`**Purpose:**

Simple list of orphans for review.

Features:

- Table view with: name, age, sponsorship status.
- Back button to return to dashboard.

6. `orphans/login.blade.php`**Purpose:**

Orphan login page.

Features:

- Basic form with:
 - Email field
 - Password field
- Link to registration page.

7. `orphans/register.blade.php`**Purpose:**

Register a new orphan into the system.

Features:

- Includes all required personal and document fields.
- Error handling using `@if ($errors->any())`.

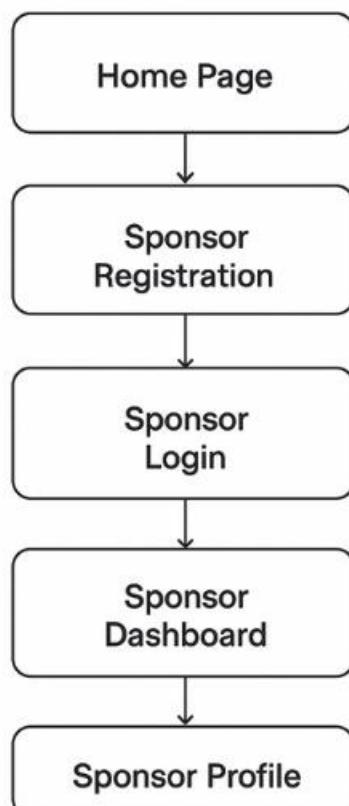
Summary Table

File Name	Purpose	Key Features & Notes
orphans/dashboa.blade.php	Orphan Dashboard	<ul style="list-style-type: none"> - Displays orphan profile (name, email, ID, image). - Shows uploaded documents (birth, death, custody certificates). - Includes actions: Edit, Logout, Browse.
orphans/edit.blade.php	Edit Orphan Profile	<ul style="list-style-type: none"> - Form to update orphan's data and upload documents. - Displays current files beside input fields. - Supports file upload via enctype="multipart/form-data".
orphans/list.blade.php	Orphan List	<ul style="list-style-type: none"> - Table listing orphans with: name, age, sponsorship status. - Includes a back button to return to dashboard.
orphans/login.blade.php	Orphan Login	<ul style="list-style-type: none"> - Login form with email and password fields. - Includes a link to the registration page. - Displays error messages on validation failure.
orphans/register.blade.php	Register New Orphan	<ul style="list-style-type: none"> - Full registration form including personal info and documents. - Handles errors using @if(\$errors->any()). - File upload support for documents and images.

4.1 orphans' pages

Sponsor Pages (Laravel Blade Views)

Sponsor Pages



4.3: Website Map For Sponsor

This section explains the Blade view files related to sponsor functionalities in the Orphan Sponsorship System built with Laravel. Each view inherits from a common layout (`layouts.app`) for consistency in design and layout.

1. `register.blade.php` – Sponsor Registration Page

- Extends the main layout and defines content inside `@section('content')`.
- Displays a title: “Register a New Sponsor Account”.
- Shows success messages from the session.

- Registration form uses `POST` method and includes CSRF protection.
- Form fields:
 - Full Name – with old input value & error handling.
 - Email – with validation and preservation of input.
 - Bank Account – optional, with placeholder.
 - Password & Password Confirmation – both required.
- Buttons:
 - Submit (Register).
 - Link to login page if already registered.

2. `login.blade.php` – Sponsor Login Page

- Inherits layout and contains login form inside a `container`.
- Displays a page title: “Sponsor Login”.
- Shows error messages if login fails.
- Login form:
 - Email and Password fields – with error handling and old input values.
- Buttons:
 - Submit (Login).
 - Link to registration page for new sponsors.

3. `dashboard.blade.php` – Sponsor Dashboard

- Welcomes the logged-in sponsor by name using:
`auth() ->guard('sponsor') ->user() ->name`
- Logout form provided via `POST` request with CSRF token.
- Section for viewing orphans:
 - Search Filter: By name or sponsorship status (sponsored/unsponsored).
 - Table of Orphans: Displays name, age, gender, address, sponsorship status, and a button to view details.
 - Sponsorship Status: Uses badges – green (sponsored), gray (unsponsored).
- Action Buttons:
 - View Sponsorship List.
 - Edit Sponsor Profile.

4. `edit.blade.php` – Edit Sponsor Information

- Displays a form to update sponsor details (name, email, bank account).
- Uses `PUT` method with CSRF protection.
- Pre-fills fields using old input or existing sponsor data.
- Shows success messages after update.
- Includes a back button to return to dashboard.

5. `create_sponsorship.blade.php` – Create New Sponsorship

- Shows details of the orphan and the sponsor.

- Includes a form to create a new sponsorship with:
 - Sponsorship Amount.
 - Start Date.
 - End Date.
- Form is protected by CSRF token and posts to
`route('sponsor.sponsorship.store', $orphan->id)`
- Buttons: Submit and Back to Dashboard.

6. `index.blade.php` – Sponsorship List

- Page title: “Sponsorship List” with a back button to dashboard.
- Uses a Bootstrap-styled table to display all sponsorships:
 - Serial Number.
 - Orphan Name.
 - Sponsor Name.
 - Sponsorship Amount (formatted).
 - Start Date.
 - End Date.
- Pagination-aware indexing using `$sponsorships->firstItem()`.
- Shows a message when no sponsorships exist.

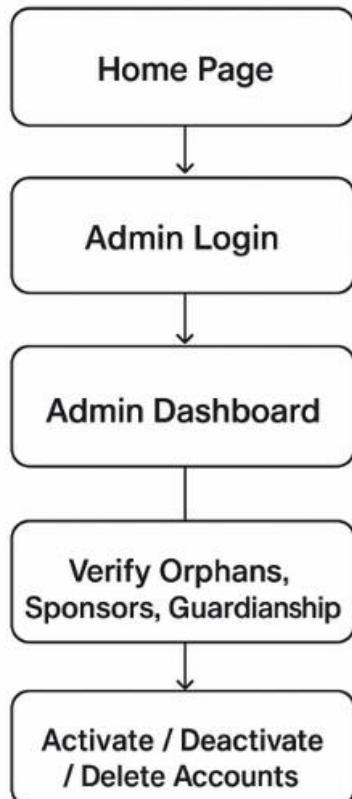
Summary Table

File Name	Purpose	Key Features & Notes
register.blade.php	Sponsor Registration	<ul style="list-style-type: none"> - Form for new sponsor signup - Fields: name, email, bank account, password, confirmation - CSRF protection - Success & validation errors displayed
login.blade.php	Sponsor Login	<ul style="list-style-type: none"> - Login form (email & password) - CSRF protection - Error message on login failure - Link to register
dashboard.blade.php	Sponsor Dashboard	<ul style="list-style-type: none"> - Displays logged-in sponsor name - Filter/search orphans by name and sponsorship status - Table showing orphan details and sponsorship badges - Links to sponsorship list & edit sponsor info - Logout form
edit.blade.php	Edit Sponsor Profile	<ul style="list-style-type: none"> - Form to update sponsor data (name, email, bank account) - CSRF + PUT method spoofing - Success messages - Link back to dashboard
create_sponsorship.blade.php	Create New Sponsorship	<ul style="list-style-type: none"> - Shows orphan & sponsor info - Form for entering sponsorship details: amount, start/end dates - CSRF protection - Back button to dashboard
index.blade.php	Sponsorships List	<ul style="list-style-type: none"> - Paginated table listing all sponsorships - Columns: serial no, orphan name, sponsor name, amount, start/end dates - Bootstrap styling (hover, bordered, dark header) - Back to dashboard button

4.2 sponsors pages

Admin Pages (Laravel Blade Views)

Admin Pages



4.4: Website Map For Admin

This section describes the Blade View files related to admin functionalities in the Orphan Sponsorship System built with Laravel. Each page inherits from layouts.app to ensure design and layout consistency. The admin has three main pages: Login, Dashboard, and Statistics.

1. `login.blade.php` – Admin Login Page

- Inherits from layouts.app and contains the login form inside a container.
- Displays the page title: "Admin Login".
- Login form:
 - Email and Password fields with validation and error messages.
 - CSRF token protection.
- Buttons:
 - Submit (Login).
- Shows a clear error message when login fails.

2. `dashboard.blade.php` – Admin Dashboard

- Displays the admin's name after login:

```
auth() ->guard('admin') ->user() ->name
```

- Logout form available via POST request with CSRF token.
- User Management:
 - Displays a list of users (orphans and sponsors).
 - Verify user data.
 - Activate/deactivate users as needed.
 - Delete users if necessary.
- Quick links for navigating different sections of the dashboard.

Note: Tracking or approving sponsorships is not available in the admin dashboard.

3. `statistics.blade.php` – Statistics Page

- Shows system statistics in a simple and clear way for all users:
 - Total number of orphans
 - Number of sponsored orphans
 - Number of unsponsored orphans
 - Number of orphans sponsored this month
- Data can be displayed using cards or concise tables with colors for better visualization.
- This page provides a general overview of the system without allowing data modifications.

Summary Table

File Name	Purpose	Key Features & Notes
<code>login.blade.php</code>	Admin Login	- Email and password login form - CSRF protection - Displays error message on login failure
<code>dashboard.blade.php</code>	Admin Dashboard	- Displays admin name - User management: verify data, activate/deactivate, delete users - Logout form
<code>statistics.blade.php</code>	System Statistics	- Displays general statistics: total orphans, sponsored, unsponsored, sponsored this month - Presented visually with cards or tables

4.3 admin pages

4.4 Testing and Evaluation

Testing and Evaluation (Revised)

Testing

Strategy:

The system underwent comprehensive testing, including unit testing for individual modules, integration testing to ensure smooth interaction between components, and user acceptance testing with sample users representing orphans, sponsors, and administrators. Admin functionalities were included to verify user account management, content moderation, and statistics monitoring.

Test Cases:

- Successful registration and login for orphans, sponsors, and admins.
- Uploading and displaying essential documents (birth certificates, IDs, personal photos).
- Sponsors can browse orphan profiles, filter by sponsorship status, and submit sponsorship requests.
- Sponsors can view sponsorship details; admins can verify user accounts, activate/deactivate users, and delete accounts.
- Statistics page displays correct counts: total orphans, sponsored, unsponsored, and newly sponsored this month.

Results:

All core functionalities were successfully tested and verified. Minor adjustments were applied to improve form validation, UI clarity, and document handling. Admin functionalities performed correctly, including user verification and statistics management. The unit tests confirmed that individual modules behave as expected

Example: Unit Test (PHPUnit)

```
php

public function testOrphanRegistration()
{
    $response = $this->post('/register', [
        'name' => 'Test Orphan',
        'email' => 'orphan@example.com',
        'password' => 'password123',
        'role' => 'orphan'
    ]);

    $response->assertStatus(302); // Redirect after successful registration
    $this->assertDatabaseHas('users', [
        'email' => 'orphan@example.com'
    ]);
}
```

4.5 Unit Test

Expected Test Result Example:

```
PHPUnit 10.0.0 by Sebastian Bergmann and contributors.

Runtime:      PHP 8.2.12
Configuration: /laravel-app/phpunit.xml

.

1 / 1 (100%)

Time: 00:00.123, Memory: 10.00 MB

OK (1 test, 1 assertion)
```

4.6 Unit Test

This output shows that both registration and orphan verification tests passed successfully.

4.5 Deployment and Maintenance

- Deployment:
The application was initially deployed on a local server (XAMPP) for development, testing, and demonstration purposes. The system is fully compatible for future deployment on an online hosting platform with PHP and MySQL support.
- Maintenance:
Regular procedures include:
 - Database backups to prevent data loss.
 - Monitoring user activity for security and integrity.
 - Updating system features as needed, including verification processes for users and maintaining the statistics dashboard.

Chapter 5

System Design

5.1 Introduction

This chapter presents the design of the Orphan-Sponsor System, which serves as a direct platform connecting orphans with potential sponsors. The system emphasizes a direct interaction model while including administrative oversight for user verification. Administrators do not manage sponsorships directly but can verify, activate/deactivate, or delete user accounts. The design ensures security, ease of use, and efficient management of sponsorship processes.

5.2 Design Objectives

- Direct Interaction: Enable sponsors to connect with orphans directly without administrative mediation.
- User-Friendly Interface: Provide clear and intuitive dashboards for orphans, sponsors, and administrators.
- Data Security: Protect sensitive personal information and uploaded documents.
- Transparency: Allow sponsors to view orphan profiles, documents, and sponsorship statuses.
- Scalability: Support a growing number of users, documents, and sponsorships.
- Administrative Control: Allow admins to verify and manage user accounts securely.

5.3 System Components

The main components of the system are:

1. Orphan Interface:
 - Manage personal profile information.
 - Upload required documents (birth certificate, guardian ID, personal photo).
 - View active sponsorships and their statuses.
 - Sponsor Interface:
 - Browse orphan profiles with filters (age, location, sponsorship status).
 - Submit sponsorship requests directly.
 - Track sponsorships in real-time.
 - Administrator Interface:
 - Verify, activate/deactivate, or delete user accounts (orphans and sponsors).
 - Access statistics: total orphans, sponsored, unsponsored, and newly sponsored this month.
 - Backend Server:
 - Handles business logic, request processing, and notifications.
 - Secures storage and retrieval of documents and system data.
 - Database:
 - Stores profiles for orphans, sponsors, admins, and sponsorship records.

- Maintains integrity, security, and privacy of personal and transactional data.

5.4 System Architecture

The system uses a two-tier architecture with direct user interaction:

- Presentation Layer: Web interface for orphans, sponsors, and administrators.
- Data & Business Logic Layer: Server-side logic handling authentication, sponsorship requests, document uploads, and user verification.

Note: All profile updates, document verification (automated checks), and sponsorship tracking are handled directly in the system, while admins focus on account management and verification.

5.5 Database Design

Key database entities now include:

- Orphans: Personal info, uploaded documents, sponsorship status.
- Sponsors: Profile and contact details, sponsored orphans.
- Sponsorship Requests: Tracks sponsorship submissions and status.
- Admins: User account verification, activation/deactivation, and deletion privileges.

Relationships allow direct links between sponsors and orphans, while ensuring privacy and security. Administrators are linked to the verification and management process but do not intervene in sponsorship operations.

5.6 Information Flow

1. Orphan registers and uploads necessary documents.
2. Administrator verifies the account and activates it.
3. Sponsors browse orphan profiles and submit sponsorship requests.
4. Sponsorship requests are linked to orphans and updated in real-time.
5. Orphans can view active sponsorships on their dashboard.

5.7 User Interface Design

- Orphan Dashboard: Manage personal profile, uploaded documents, active sponsorships.
- Sponsor Dashboard: Search/filter orphans, submit sponsorship requests, track sponsorships.
- Admin Dashboard: Verify, activate/deactivate, or delete users; view system statistics.

5.8 Database Analysis

This section lists the key tables in the database, including fields and their data types, now including administrative functionalities:

- `orphans` – Stores personal information, documents, sponsorship status.
- `sponsors` – Stores profile information and sponsored orphans.
- `sponsorships` – Tracks sponsorship requests and statuses.
- `admins` – Tracks administrators and their permissions for verifying/managing users.
- `users` – Shared table for authentication of all user types (orphans, sponsors, admins).

Each table is structured to ensure data integrity, privacy, and secure retrieval for reporting, dashboards, and system operations.

5.3.1 Structure and Purpose of Database Tables

5.4 Table

5.4.1 orphan Table

Description: Stores detailed information about orphans, including personal details, legal documents, sponsorship status, guardian, and banking information.

The screenshot shows the phpMyAdmin interface with the 'orphans' table selected. The table structure is as follows:

#	الاسم	نوع	الترتيب	الخواص لا شيء إفتراضي التعليلات	إضافي	العملية
1	<code>id</code>	bigint(20)	1			AUTO_INCREMENT
2	<code>name</code>	varchar(255)	2			لا شيء
3	<code>identity_number</code>	varchar(255)	3			لا شيء
4	<code>email</code>	varchar(255)	4			لا شيء
5	<code>password</code>	varchar(255)	5			لا شيء
6	<code>birthdate</code>	date	6			لا شيء
7	<code>gender</code>	enum('ذكر','إناث')	7			لا شيء
8	<code>address</code>	varchar(255)	8			لا شيء
9	<code>notes</code>	text	9			لا شيء
10	<code>is_sponsored</code>	tinyint(1)	10			لا
11	<code>child_image</code>	varchar(255)	11			نعم
12	<code>birth_certificate</code>	varchar(255)	12			نعم
13	<code>death_certificate</code>	varchar(255)	13			نعم
14	<code>guardian_id</code>	varchar(255)	14			نعم
15	<code>bank_account</code>	varchar(255)	15			رقم الحساب البنكي للبيت
16	<code>custody_document</code>	varchar(255)	16			نعم
17	<code>created_at</code>	timestamp	17			نعم
18	<code>updated_at</code>	timestamp	18			نعم
19	<code>is_active</code>	tinyint(1)	19			لا
20	<code>is_verified</code>	tinyint(1)	20			لا
21	<code>country</code>	varchar(255)	21			نعم
22	<code>city</code>	varchar(255)	22			نعم
23	<code>bank_name</code>	varchar(255)	23			نعم
24	<code>education_status</code>	varchar(255)	24			نعم

5.1 Orphans Table from xampp

Field	Type	NN	Description
id (PK)	int (AUTO_INCREMENT)	True	Primary identifier for each orphan
name	varchar(255)	True	Full name of the orphan
identity_number	varchar(20)	True	National identification number of the orphan
email	varchar(255)	True	Email address (used for login if applicable)
password	varchar(255)	True	Hashed password
birthdate	date	True	Date of birth
gender	enum('Male','Female')	True	Gender of the orphan
address	varchar(255)	True	Residential address
notes	text	False	Additional notes
is_sponsored	tinyint(1) [default: 0]	False	Indicates if the orphan is currently sponsored (1 = Yes)
child_image	varchar(255)	False	Image path of the orphan
birth_certificate	varchar(255)	False	Image path of the birth certificate
death_certificate	varchar(255)	False	Image path of the parent's death certificate
guardian_id	varchar(20)	False	Guardian's national ID
custody_document	varchar(255)	False	Image path of the custody document
bank_account	varchar(30)	False	Bank account number (if applicable)
country	varchar(255)	True	Country of residence
city	varchar(255)	True	City of residence
Bank_name	varchar(255)	True	Name of the bank associated with the account
Education_status	varchar(255)	True	Educational level of the orphan
is_active	tinyint(1)	False	Account status (active = 1, inactive = 0)
is_verified	tinyint(1)	False	Verification status (verified = 1, unverified = 0)
created_at	datetime	True	Record creation timestamp
updated_at	datetime	True	Record last update timestamp

5.2 Orphans Table

5.4.2 sponsor Table

Description: Contains information about sponsors, including contact details, account credentials, and banking data.

#	الاسم	نوع	التوصي	الخاصية	العملية
1	id	bigint(20)		UNSIGNED	لا شئ
2	name	utf8mb4_unicode_ci varchar(255)			لا شئ
3	email	utf8mb4_unicode_ci varchar(255)			لا شئ
4	bank account	utf8mb4_unicode_ci varchar(255)		نجم	رقم الحساب البنكي للكفيل
5	phone	utf8mb4_unicode_ci varchar(255)		نعم	
6	address	utf8mb4_unicode_ci varchar(255)		نعم	
7	password	utf8mb4_unicode_ci varchar(255)		نعم	
8	created_at	timestamp			
9	updated_at	timestamp			
10	is_active	tinyint(1)			1
11	is_verified	tinyint(1)			0
12	country	utf8mb4_unicode_ci varchar(255)			نعم
13	city	utf8mb4_unicode_ci varchar(255)			نعم
14	Bank_name	utf8mb4_unicode_ci varchar(255)			نعم

5.3 sponsors Table from xampp

Field	Type	NN	Description
id (PK)	int (AUTO_INCREMENT)	True	Primary identifier for each sponsor
name	varchar(255)	True	Full name of the sponsor
email	varchar(255)	True	Email address
password	varchar(255)	True	Hashed password for login
bank_account	varchar(50)	False	Sponsor's bank account number
phone	varchar(20)	False	Phone number
address	varchar(255)	False	Residential or mailing address
country	varchar(255)	True	Country of residence
city	varchar(255)	True	City of residence
Bank_name	varchar(255)	True	Name of the bank associated with the account
is_active	tinyint(1)	False	Account status (active = 1, inactive = 0)
is_verified	tinyint(1)	False	Verification status (verified = 1, unverified = 0)
created_at	datetime	True	Record creation timestamp
updated_at	datetime	True	Record last update timestamp

5.4 sponsors Table

5.4.3 sponsorship Table

Description: Defines relationships between orphans and sponsors, including sponsorship type, duration, amount, and status.

The screenshot shows the phpMyAdmin interface for a MySQL database. The left sidebar lists tables: orphan_sponsor, admins, failed_jobs, migrations, orphans, password_resets, personal_access_tokens, sponsors, sponsorships, and users. The main area displays the structure of the 'sponsorships' table. The table has 12 columns:

#	الاسم	نوع	الترتيب	الخواص	لا شيء	افتراضي	التعلقات	اضافي	العملية	
1	id	bigint(20)		AUTO_INCREMENT	لا	لا			تغيير	سقطرى
2	orphan_id	bigint(20)			لا	لا			تغيير	سقطرى
3	sponsor_id	bigint(20)			لا	لا			تغيير	سقطرى
4	start_date	date			لا	لا			تغيير	سقطرى
5	type	varchar(255)		NULL	نعم	نعم			تغيير	سقطرى
6	notes	text		NULL	نعم	نعم			تغيير	سقطرى
7	status	varchar(255)		active	لا	utf8mb4_unicode_ci			تغيير	سقطرى
8	created_at	timestamp		NULL	نعم	نعم			تغيير	سقطرى
9	updated_at	timestamp		NULL	نعم	نعم			تغيير	سقطرى
10	amount	decimal(10,2)		NULL	نعم	نعم			تغيير	سقطرى
11	account_no	varchar(255)		NULL	نعم	utf8mb4_unicode_ci			تغيير	سقطرى
12	end_date	date		NULL	نعم	نعم			تغيير	سقطرى

5.5 sponsorships Table from xampp

Field	Type	NN	Description
id (PK)	int (AUTO_INCREMENT)	True	Primary identifier for each sponsorship record
orphan_id (FK)	int	True	Foreign key linking to the orphan (orphans.id)
sponsor_id (FK)	int	True	Foreign key linking to the sponsor (sponsors.id)
start_date	date	True	Start date of the sponsorship
end_date	date	False	End date of the sponsorship (optional)
type	varchar(50)	False	Type of sponsorship (e.g., monthly, yearly)
notes	text	False	Any additional notes about the sponsorship
status	enum('active','ended','cancelled')	False	Current status of the sponsorship
amount	float	False	Sponsored amount
account_no	varchar(50)	False	Sponsorship-specific account number, if applicable
created_at	datetime	True	Record creation timestamp
updated_at	datetime	True	Record last update timestamp

5.6 Sponsorships Table

Table 5.4.4 Admin Table

Description: Stores administrator accounts and credentials.

العمليات	العملية	العنوان	الخاص	لا شيء	إفراطي	التعليقات	إضافي	نوع	الاسم #
تحريك	تحريك	AUTO_INCREMENT	لا	لا شيء				bigint(20)	id 1
تحريك	تحريك		لا	لا شيء				utf8mb4_unicode_ci	name 2
تحريك	تحريك		لا	لا شيء				utf8mb4_unicode_ci	email 3
تحريك	تحريك		لا	لا شيء				utf8mb4_unicode_ci	password 4
تحريك	تحريك		نعم	نعم				timestamp	created_at 5
تحريك	تحريك		نعم	نعم				timestamp	updated_at 6

5.7 admin Table from xampp

Field	Type	NN	Description
id (PK)	int (AUTO_INCREMENT)	True	Primary identifier for each admin
name	varchar(255)	True	Full name of the admin
email	varchar(255)	True	Email address
password	varchar(255)	True	Hashed password for login
created_at	datetime	True	Record creation timestamp
updated_at	datetime	True	Record last update timestamp

5.8 admin Table

5.9 Relationship Tables

5.9 User Interface

This section presents the main user interface screens of the Orphan Sponsor web application. The system ensures smooth data interaction and efficient communication between different users, including sponsors, orphans, and administrators.

The interfaces are designed with clarity and consistency in mind, providing a responsive layout that adapts seamlessly to various devices and screen sizes. This ensures accessibility, usability, and a pleasant experience for all users.

The screenshots below illustrate the core functionalities of the system — such as managing orphan profiles, handling sponsor information, and tracking sponsorship cases — all presented through a clean, intuitive design that reflects strong integration with the underlying data management system.

رعاية

الرئيسية

عن الموقع

السياسات والشروط

تواصل معنا

إحصائيات الموقع

تسجيل الخروج

مرحباً بك في مشروع رعاية

اختر طريقة الدخول:

دخول العذير دخول كفيل دخول كيتيم

أنشطة المشروع

التكافل المجتمعي

تشجع المجتمع على المشاركة والمساهمة في تحسين حياة الأيتام من خلال العملات والمسارات.

التعليم والدعم النفسي

توفر برنامج تعليمي ودورات تدريبية، بالإضافة إلى جلسات دعم نفسى للأطفال الأيتام.

كفاله الأيتام

توفر دعماً مالياً ومعنوياً للأطفال الأيتام لضمان تعليمهم وحياتهم الكريمة.

قصة الطفل البتيم

“كنت خالقاً من المستقبل، حتى جاء من يؤمن بي.”

آدم، أحد أطفال مشروع رعاية، بدأ حياته مليئة بالتحديات بعد فقدان والده. يفضل الكفالة والدعم النفسي والتعليم، أصبح لديه أمل وحياة أفضل. مشروع رعاية يغير حياة الأطفال خطوة بخطوة، لينجحهم الأئمان والتعليم والفرصة لبناء مستقبل مشرق.

قصة الكفيل

الشكر لكفالة رعاية الذين حملوا رسالة العطاء على عاتقهم، وساهموا في تغيير حياة الأطفال الأيتام، من خلال دعمهم المستمر، أصبح للأطفال فرصة للتعلم والنمو في بيئة آمنة، واقتراض مهارات الحياة، وبناء مستقبل مشرق مليء بالأمل والطموح. كل كفيل هنا يترك بصمة إيجابية لا تنسى في حياة طفل محظوظ.

آلاف الأطفال في غزة يعانون

قالوا عنا

“يفضل مشروع رعاية، شعرت بالأمان والأمل من جديد. لقد أعادوا لي الفرحة التي فقدتها، وأكدا لي أن هناك من يهتم بي.”

“الكافلة هنا ليست مجرد دعم مالي، بل فرصة حقيقة لتغيير حياة طفل، رؤية طفولي يتسمون بكل يوم هي أعظم مكافأة يمكن أن أحصل عليها.”

“فريق العمل ملتزم ومخلص، يجعل العطاء رحلة ممتعة وملهمة. شعرت أن مساهمني تحدث فرقاً حقيقة في حياة الأطفال.”

“كل يوم نرى قصص نجاح جديدة، أطفال يتعلمون وينموون، ويشعرون بالأمل. هذا المشروع حقاً يزرع الحب والعطاء في كل قلب.”

مشروع رعاية © 2025 - جميع الحقوق محفوظة

5.1 Welcome page

Welcome Page Description

The Welcome Page of the Raya Project serves as the main entry point for all users, including Orphans, Sponsors, and Administrators. The page is designed with a clean, organized, and user-friendly interface, ensuring a smooth and intuitive experience from the very first interaction.

Page Purpose

- To greet users and clarify the system's mission in supporting orphans and facilitating sponsorship management.
- To provide clear and direct access to login or registration pages according to each user role (Orphan, Sponsor, or Administrator).
- To create a professional and visually appealing first impression that reflects the project's identity and social value.

Page Sections

1. Welcome Section

Displays a prominent Arabic greeting: "مرحباً بك في مشروع رعاية", along with clear buttons that allow users to select their login path:

- Orphan Login
- Sponsor Login
- Admin Login

Each button is distinctly styled to make navigation simple and intuitive.

2. Project Activities Section

Highlights three main initiatives of the project:

- Orphan Sponsorship: Providing financial and moral support to ensure orphans' education and well-being.
- Education and Psychological Support: Offering educational programs, training courses, and psychological support sessions for orphans.
- Community Solidarity: Encouraging community participation and contributions to improve the lives of orphans through campaigns and initiatives.

3. Orphan Story Section

Presents the story of an orphan within the project, focusing on their personal journey, the challenges they faced, and the positive impact of the project and sponsorship support on their life, reflecting the humanitarian mission of the platform.

4. Sponsor Story Section

Displays a message of gratitude and appreciation to sponsors who contribute to supporting orphans, highlighting their important role in improving the lives of these children.

5. "What They Said About Us" Section

Shows feedback from users and beneficiaries of the project, highlighting the project's impact on orphans' lives and the experiences of sponsors and the community with the provided initiatives.

Navigation Bar (Navbar)

A consistent navigation bar appears across all system pages, containing main buttons for easy access to key sections of the website:

- Home
- Logout
- Statistics
- About the Site
- Contact Us
- Policies and Terms

Footer

A footer is displayed at the bottom of all system pages, appearing at the end of the page. It includes project rights and reflects the site's color identity, completing the design in a consistent and attractive manner.

General Features

- Fully responsive design using Bootstrap, ensuring seamless display on all devices and screen sizes.
- Balanced layout with soft backgrounds and transparent layers to enhance readability, giving the page a modern and elegant appearance.
- Comfortable and intuitive user experience, making navigation between sections easy and fast while emphasizing the humanitarian and social messages of the project.



5.2 orphan login page

About the Raya Project

The Raya Project is a humanitarian initiative aimed at supporting orphaned children and providing them with a dignified life through sponsorship, education, and psychological care. The project seeks to build a cohesive community where every child has the opportunity to grow and learn in a safe and nurturing environment. The project emphasizes the vital role of sponsors in transforming children's lives through financial and moral support, combining generosity with responsibility to ensure a better future for every child in need.

The screenshot shows the Raya website's Policies and Terms page. At the top, there is a navigation bar with links: تسجيل الدخول (Login), إصدارات الموقعة (Signed editions), تواصل معنا (Contact us), السياقات والشروط (Policies and terms), عن الموقع (About the site), الرئيسية (Home), and a logo for "Raya". Below the navigation bar, the main content area has a yellow background with a sunburst graphic. The title "السياسات والشروط" (Policies and terms) is centered at the top of the content area. A note below the title states: "قبل الانضمام إلى مشروع رعاية ككميل أو متبرع، يرجى قراءة الشروط والسياسات التالية بعناية لضمان تجربة آمنة ومحفظة." (Before joining the Raya project as a Kamil or Donor, please read the following policies and terms carefully to ensure a safe and secure experience.). A section titled "الشروط والسياسات الأساسية" (Basic policies and terms) contains a bulleted list of eight items. At the bottom of the content area, a note reads: "باستخدامك للموقع، فإنك توافق على هذه الشروط والسياسات، وتلتزم بالمساهمة في خلق بيئة آمنة ومستقرة للأطفال الأيتام، مع ضمان أفضل تجربة ممكنة لجميع المشاركين في مشروع رعاية." (By using the website, you agree to these terms and conditions, and commit to creating a safe and stable environment for children in need, ensuring the best possible experience for all participants in the Raya project). The footer of the page includes the text "مشروع رعاية © 2025 - الموقع الرسمي" (Raya project © 2025 - Official website).

5.3 orphan login page

The Policies and Terms

The Policies and Terms page in the "Raya" project aims to clarify the legal and regulatory framework for using the platform, ensuring that all sponsors and donors adhere to the core rules that protect the safety and privacy of orphaned children. The page emphasizes the accuracy of the provided information, commitment to the agreed financial support, and respect for the confidentiality of the children's data, while also clarifying the project's responsibility to manage sponsorships exclusively through official channels. This page serves as a key reference to ensure a safe and reliable experience for all users, maintaining transparency and credibility in all sponsorship and support activities.

5.4 orphan login page

Contact Us

The "Contact Us" page provides users with clear channels to communicate with the Raya project team regarding sponsorship, psychological support, education, or community programs for orphaned children. It includes essential contact information—email, phone, and physical address—and assures users that all inquiries are handled promptly and carefully. This page plays a key role in facilitating engagement, offering support, and fostering a collaborative environment for contributing to the well-being of orphans.



5.5 orphan login page

Orphan Login Page Description

The Orphan Login Page in the Orphan Sponsor project provides a secure and user-friendly interface for orphan users to access their personal accounts. The design emphasizes simplicity, clarity, and accessibility to ensure a smooth experience across all devices.

Purpose:

- To authenticate orphan users securely and grant them access to their personalized dashboard and services available on the platform.

Key Features:

- Layout and Styling:**
 - The login form is centered within a responsive Bootstrap container, maintaining a clean and balanced layout with a limited width for readability.
 - A clear Arabic heading — “**تسجيل دخول اليتيم**” — appears at the top, indicating the page’s purpose.
- Error Handling:**
 - If validation errors occur (such as incorrect email or password), an alert box appears displaying the relevant error messages using Laravel’s \$errors directive.
- Form Structure:**
 - Method: POST
 - Action: Submits data to the route `orphans.login.submit`.
 - CSRF Protection: Ensured with Laravel’s `@csrf` directive for security.

- Input Fields:
 - Email: Text field for entering the orphan's registered email.
 - Password: Password field for secure login.
 - Submit Button: A blue Bootstrap button labeled “تسجيل الدخول” (Login).
 - Account Creation Option:
 - A horizontal divider separates the login section from the registration prompt.
 - Below the form, users are informed that they can create an account if they don't already have one.
 - A green button labeled “إنشاء حساب جديد” (Create New Orphan Account) redirects to the orphan registration page (orphans.register).

User Flow:

1. The orphan visits the login page.
 2. Enters their email and password.
 3. If the credentials are correct, they are redirected to their dashboard.
 4. If they don't have an account, they can create one through the registration link.
 5. They can also return to the home page or view the statistics page anytime via the navbar.

Orphan Registration Page Description

The Orphan Registration Page ([resources/views/orphans/register.blade.php](#)) is the registration interface for orphans on the Orphan Sponsor platform. It allows orphans

or their guardians to securely submit all necessary personal, legal, and educational information to create a verified user profile in the system.

Purpose:

- To collect all required details from orphan users for registration and verification in the platform's database, facilitating a smooth and secure sponsorship process.

Key Features:

- Form Submission:
 - Method: POST
 - Action: Submits data to the route `orphans.register.submit`.
 - File Uploads: Enabled with `enctype="multipart/form-data"` for document attachments.
 - CSRF Protection: Implemented via Laravel's `@csrf` directive for security.
- Input Fields:

The form collects the following information, all labeled in Arabic:

Field	Purpose
Name	Full name of the orphan
Email	Used for login and communication
Identity Number	National ID or personal identifier
Password + Confirmation	Secure account access
Birthdate	Orphan's date of birth
Gender	Dropdown selection: Male (ذكر) or Female (أنثى)
Bank Name	Name of the bank for financial support
Bank Account	Optional – account number for direct support
Country	Country of residence
City	City of residence
Educational Status	Current education level or status
Address	Full current address
Notes	Additional comments or relevant information

5.5 Purpose Field Table

- File Uploads:

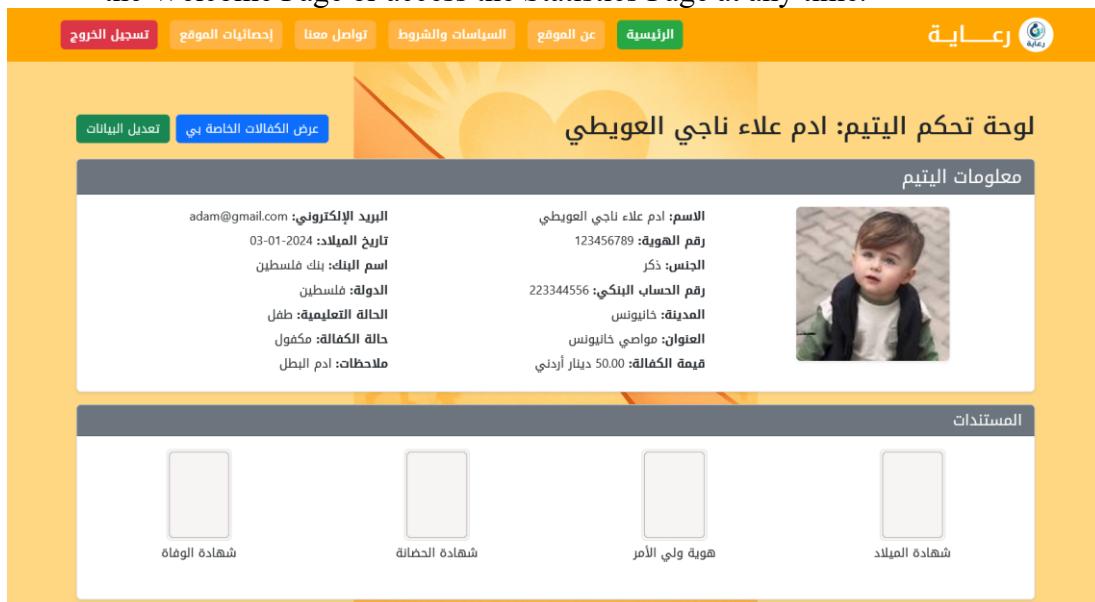
To verify identity and legal status, the form accepts multiple documents:

- Child's photo
- Birth certificate
- Death certificate (of parent/guardian)
- Guardian's ID
- Custody document

- **Error Handling:**
If validation fails, an alert displays all input errors using Laravel's `$errors` directive while retaining previously entered data.

User Flow:

1. The orphan or guardian accesses the registration page.
 2. They fill in all required fields and upload the necessary documents.
 3. Upon submission:
 - o If validation passes, a new orphan account is created and stored in the system.
 - o If validation fails, errors are displayed and the form preserves the entered data.
 4. The user can then log in using their newly created credentials.
- **Navigation Bar (Navbar):**
A consistent navbar is displayed across all pages, allowing users to return to the Welcome Page or access the Statistics Page at any time.



5.7 orphan_dashboard page

Orphan Dashboard Page Description

The Orphan Dashboard Page serves as a central hub for orphan users, providing a comprehensive view of their personal information, sponsorship status, and uploaded documents. The page is designed to give orphans (or their guardians) an organized, informative, and user-friendly interface to manage and review their profile.

Purpose:

- To display the orphan's profile details and uploaded documents in a structured and accessible format.
- To provide essential actions such as editing profile information, browsing other orphans (if permitted), and logging out securely.

Key Components and Features:

1. Welcome and Flash Message:
 - o A centered page title in Arabic: "لوحة تحكم اليتيم" (Orphan Dashboard).
 - o Displays a success alert if a session contains a 'success' flash message (e.g., after updating profile details).
2. Orphan Profile Card:
 - o Header: Titled "معلومات اليتيم" (Orphan Information) with a blue background and white text.
 - o Left Section – Child Image:
 - Shows the child's photo if available.
 - Displays a responsive placeholder image (<https://via.placeholder.com/300x400>) if no photo exists.
 - o Right Section – Orphan Info Table:
Includes details such as:
 - Name
 - Email
 - Identity Number
 - Birthdate
 - Gender
 - Bank Name and Account (if provided)
 - Country and City
 - Educational Status
 - Address
 - Sponsorship Status: Sponsored (مكفول) or Not Sponsored (غير مكفول)
 - Sponsorship Amount (in Jordanian Dinars), if applicable
 - Notes, if available
 - o Documents Section:
 - o Card Header: Titled "المستندات" (Documents) with a gray background.
 - o Displays uploaded documents dynamically, including:
 - Birth Certificate
 - Guardian ID
 - Custody Document
 - Death Certificate
 - o Each document is shown as an image thumbnail with a caption.
 - o If a document is missing, a placeholder block displays "غير متوفر" (Not Available).
3. Action Buttons:
Located at the bottom center of the page:
 - o Edit Profile: Links to the edit route (`orphans.edit`) to update profile details.
 - o Browse Orphans: Links to the orphan list page (`orphans.list`), visible according to user permissions.
 - o Logout: A form-based button sending a POST request to `orphans.logout` for secure logout.
 - o User Flow Summary:

1. The orphan logs in and lands on the dashboard.
2. They can view their profile information and sponsorship details.
3. Uploaded documents are displayed (if available).
4. They can perform actions such as:
 - o Editing their profile
 - o Logging out securely

تعديل بيانات اليتيم: ادم علاء ناجي العوطي

تاريخ الميلاد	رقم الهوية	البريد الإلكتروني	اسم اليتيم
<input type="text"/> ٢٠٢٤/١/٣	123456789	adam@gmail.com	ادم علاء ناجي العوطي
الحالة التعليمية	العنوان	المدينة	الدولة
<input type="text"/> طفل	مواصي خان يونس	<input type="text"/> خان يونس	<input type="text"/> فلسطين
ملحوظات	اسم الابن	رقم الحساب البنكي	
<input type="text"/> ادم العطيل	<input type="text"/> بنك فلسطين	<input type="text"/> 223344556	
تأكيد كلمة المرور		كلمة المرور الجديدة	
<input type="text"/>		<input type="text"/>	
Custody document	Guardian id	Death certificate	Birth certificate
<input type="text"/> تصفّح... عرض الملف	<input type="text"/> لم ... عرض الملف	<input type="text"/> لم ... عرض الملف	<input type="text"/> لم ... عرض الملف
Child image			
<input type="text"/> تصفّح... عرض الملف			
<input type="button" value="رجوع"/> <input type="button" value="تحديث بيانات اليتيم"/>			

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5.8 orphan_edit page

Description of the Orphan Edit Page

This page allows orphan users (or administrators on their behalf) to edit and update personal and official information within the orphan_sponsor system. The page is organized using a card layout and provides both textual and file inputs to manage profile data, official documents, and account credentials.

Purpose:

To enable updating of an orphan's profile data, official documents, and account information, ensuring records are accurate and up-to-date for sponsorship and administrative purposes.

Key Components and Features:

1. Page Layout
 - Title: Displayed as: "تعديل بيانات اليتيم" [orphan's name]" (Edit Orphan Information).
2. Form Configuration
 - Method: POST
 - Action: Sends the form data to the update route: `orphans.update`
 - Method Spoofing: Uses `@method('PUT')` to simulate an HTTP PUT request.
 - File Uploads: Enabled via `enctype="multipart/form-data"`.
 - CSRF Token: Included for security

3. Editable Fields

Field	Description
Name	Full name of the orphan
Birthdate	Date of birth (in date input format)
Gender	Select dropdown (أنثى or ذكر)
Email	Orphan's email address
Identity Number	National or personal ID number
Address	Physical residence of the orphan
Bank Account	Bank account number (optional)
Notes	Textarea for any remarks or observations
Country	Country of residence
City	City of residence
Bank Name	Name of the bank
Educational Status	Current educational status
Password	Input to change account password (optional)

5.6 Description Field Table

4. Document Uploads

Each section allows the user to upload a new file. Existing documents are shown as links or image previews.

Document	Notes
Child's Image	Displays a thumbnail of the current image if uploaded
Birth Certificate	Link to view current uploaded file
Death Certificate	Link to current file (if exists)
Guardian's ID	Link to uploaded guardian ID
Custody Document	Link to current custody document

5.7 Notes Document Table

5. Action Buttons

- Update Button:
A green "Update Orphan Information" button to save changes.
- Back Button:
A secondary button to return to the orphan dashboard (`orphans.dashboard`).

User Flow Summary:

1. The user accesses the edit page to update orphan information.
2. Fields are pre-filled with the existing data using Laravel's `old()` helper for form persistence.
3. The user edits the information, uploads new documents, or changes the password.
4. Upon submission:
 - The updated data is sent to the controller.

- If successful, a success message is displayed, and the user is redirected

الكفالات الخاصة بـ ادم علاء ناجي العويطي

تاريخ النهاية	تاريخ البداية	المبلغ	الكفيل
2026-09-25	2025-09-25	200.00	محمد بلال العويطي
2026-10-01	2025-10-01	200.00	مؤمن خفاجة
2025-11-07	2025-10-10	50.00	بلال سلامة محمد العويطي

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[رجوع](#)

5.9 orphan sponsorship page

Description of the Orphan Sponsorships Page

This page displays all sponsorships related to a specific orphan, providing a clear overview for sponsors or administrators.

Page Layout and Features:

- Header:
Displays the title: “Orphan Sponsorships” along with the orphan’s name.
- Sponsorships Table:
Displays a list of all sponsorships for the orphan with the following columns:
 - Sponsor Name
 - Amount
 - Start Date of the sponsorship
 - End Date of the sponsorship
- Navigation Button:
A button at the bottom allows the user to return to the sponsor dashboard.

Purpose:

- To provide a clear overview of all sponsorships associated with the orphan.
- To allow sponsors and administrators to monitor the details of each sponsorship, including amounts and duration



5.10 sponsor_login page

Description of the Sponsor Login Page

This page provides a secure login interface for sponsors to access their accounts within the orphan_sponsor system.

Page Layout and Features:

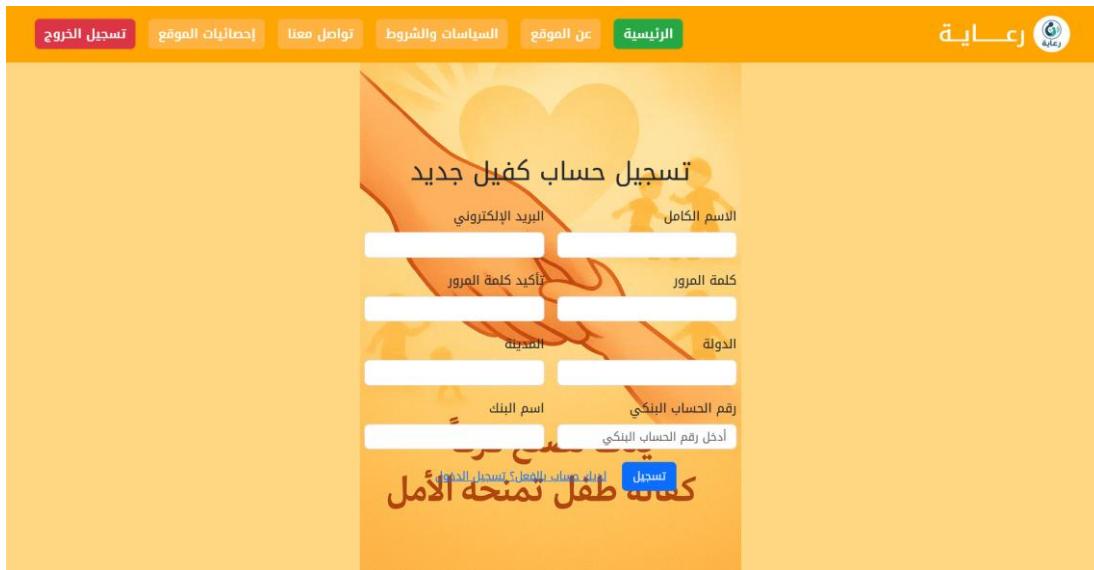
- Header:
Displays a clear title: "Sponsor Login".
- Error Handling:
If there is a login error (such as invalid credentials), an alert box with a descriptive error message is shown.
- Login Form:
 - Email Field: Input for the sponsor's email address, with validation and error message display.
 - Password Field: Password input with validation and error message display.
 - Submit Button: A button to submit the form and attempt login.
- Registration Link:
A link or button below the form allows new sponsors to navigate to the registration page to create a new account.

Form Behavior:

- Uses the POST method to securely send login credentials to the sponsor.login.post route.
- Includes CSRF protection tokens for security.
- Preserves user input on validation failure to improve the user experience.

Purpose:

- To securely authenticate sponsors before granting access to sponsor-specific features and dashboards.
- To provide a straightforward way for sponsors to log in or register if they do not yet have an account



5.11 sponsor_register page

Description of the Sponsor Registration Page

This page allows new sponsors to create an account in the orphan_sponsor system.

Page Layout and Features:

- Header:
The page title is "Register as a New Sponsor".
- Success Message:
Displays a success alert if the registration is completed successfully.
- Registration Form:
 - Full Name: Required text input for the sponsor's full name, with validation and error message display.
 - Email Address: Required email input with validation and error message display.
 - Bank Name: Text input for the sponsor's bank name.
 - Bank Account Number: Optional text input for the sponsor's bank account number.
 - Country: Text input for the sponsor's country of residence.
 - City: Text input for the sponsor's city of residence.
 - Password: Required password input with validation error messages.
 - Password Confirmation: Required field to confirm the password and ensure correctness.
- Submit Button:
A button to submit the form and create the sponsor account.
- Login Link:
A link for users who already have an account to navigate to the login page.

Form Behavior:

- Sends data via POST to the `sponsor.register.post` route.
- Includes CSRF protection for security.
- Preserves old input values on validation failure to improve user experience.

Purpose:

- To securely register new sponsors.
- To collect essential sponsor information, including bank and location details, needed to manage sponsorships.

- To provide an easy navigation path to login for returning users.

الإجراءات	حالة الكفالة	العنوان	الجنس	العمر	الاسم
<button>بحث</button>	<button>حالة الكفالة</button>	<button>اختر المدينة</button>	<button> الكل</button>	<input type="text"/> إلى <input type="text"/> من <input type="text"/>	<input type="text"/> ابحث باسم اليتيم
عرض التفاصيل	مكمل	مواصي خانيونس	ذكر	1	ادم علاء ناجي العويطي
عرض التفاصيل	مكمل	مواصي خانيونس	أنثى	3	رنا فادي خالد العويطي
عرض التفاصيل	مكمل	مواصي خانيونس	أنثى	0	ريم هادي خالد العويطي
عرض التفاصيل	مكمل	مواصي خانيونس	أنثى	15	نتني بلال العويطي
عرض التفاصيل	مكمل	مواصي خانيونس	ذكر	18	احمد بلال العويطي
عرض التفاصيل	مكمل	مواصي خانيونس	ذكر	8	محمد طارق خنادة
عرض التفاصيل	مكمل	مواصي خانيونس	ذكر	10	عمر احمد خليل الاسطل
عرض التفاصيل	غير مكمل	مواصي خانيونس	أنثى	13	سلفي احمد خليل الاسطل
عرض التفاصيل	مكمل	مواصي خانيونس	أنثى	15	أمل احمد خليل الاسطل
عرض التفاصيل	مكمل	مواصي	ذكر	10	فراش محمد النجار

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5.12 sponsor_dashboard page.

Description of the Sponsor Dashboard

This page serves as the main dashboard for the logged-in sponsor, providing an overview and management options for orphans under their sponsorship.

Page Layout and Features:

- Header:**
Displays a personalized greeting showing the sponsor's name, e.g., "Sponsor Dashboard: [Sponsor Name]."
- Logout Button:**
Allows the sponsor to securely log out of their account.
- Orphans Section:**
 - Search and Filter:**
Provides a form to filter orphans by multiple criteria, including name, age, educational status, city, and sponsorship status (sponsored or unsponsored).
 - Orphans Table:**
Displays a list of orphans with the following details for each:
 - Name
 - Age (calculated from birthdate)
 - Gender
 - Address / City / Country
 - Educational Status
 - Sponsorship Status (badge showing "Sponsored" or "Unsponsored")
 - Action Button to view detailed information about the orphan.
- Navigation Buttons:**
At the bottom right, there are quick links to:

- Sponsorships List: A page listing all sponsorships managed by the sponsor.
- Edit Sponsor Profile: A page for the sponsor to update their personal information.

Form Behavior:

- The filter form submits via GET to the `sponsor.dashboard` route, allowing dynamic filtering of orphans without losing page context.
- The selected filter options are preserved after submission for a seamless user experience.

Purpose:

- To provide sponsors with an easy-to-use interface for managing and viewing orphans.
- To enable quick access to sponsorship details and profile management.
- To offer a responsive, searchable, and filterable list of orphans for efficient sponsorship oversight

← رجوع إلى لوحة التحكم

قائمة الكفالات الخاصة بي

#	اسم اليتيم	اسم الكفيل	قيمة الكفالة	تاريخ البداية	تاريخ النهاية
1	ادم علاء ناجي العوبيطي	محمد بلال العوبيطي	د. 200.00	25/09/2025	25/09/2026
2	ريم فادي حماد العوبيطي	محمد بلال العوبيطي	د. 100.00	15/09/2025	15/09/2026
3	تقى بلال حليل العوبيطي	محمد بلال العوبيطي	د. 200.00	01/10/2025	01/06/2026
4	احمد بلال العوبيطي	محمد بلال العوبيطي	د. 200.00	01/10/2025	01/12/2025
5	عمر احمد حليل الاسطل	محمد بلال العوبيطي	د. 60.00	03/10/2024	03/10/2025
6	امل احمد حليل الاسطل	محمد بلال العوبيطي	د. 300.00	10/11/2025	09/11/2027
7	فراس محمد النجار	محمد بلال العوبيطي	د. 66.00	27/11/2024	25/11/2025

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5.13 sponsor_list page

Description of the Sponsorships List Page

This page displays a detailed, paginated list of all sponsorships related to orphans and their sponsors, allowing users to review active and past sponsorship information in a clear tabular format.

Page Layout and Features:

- Header Section:
 - Title: “Sponsorships List” displayed prominently.
 - A button to return to the Sponsor Dashboard, positioned on the right for easy navigation.

- **Sponsorships Table:**
The main feature of the page is a table presenting the following columns for each sponsorship record:
 - Index Number: Serial number reflecting the current pagination position.
 - Orphan Name: Name of the sponsored orphan.
 - Sponsor Name: Name of the sponsor responsible for the sponsorship.
 - Sponsorship Amount: The financial value of the sponsorship, formatted to two decimal places with currency “د.أ” (Jordanian Dinar).
 - Start Date: The date when the sponsorship began, formatted as DD/MM/YYYY.
 - End Date: The date when the sponsorship ends, also formatted as DD/MM/YYYY.
- **Empty State:**
If no sponsorship records exist, the table shows a centered message stating “No sponsorships available.”

Purpose:

- To provide an organized overview of all sponsorship agreements, including both orphan and sponsor details.
- To enable sponsors or administrators to easily monitor the status and history of sponsorships.
- To facilitate navigation back to the main dashboard through a clear and accessible button.

5.14 sponsor_edit page

Description of the Sponsor Edit Page

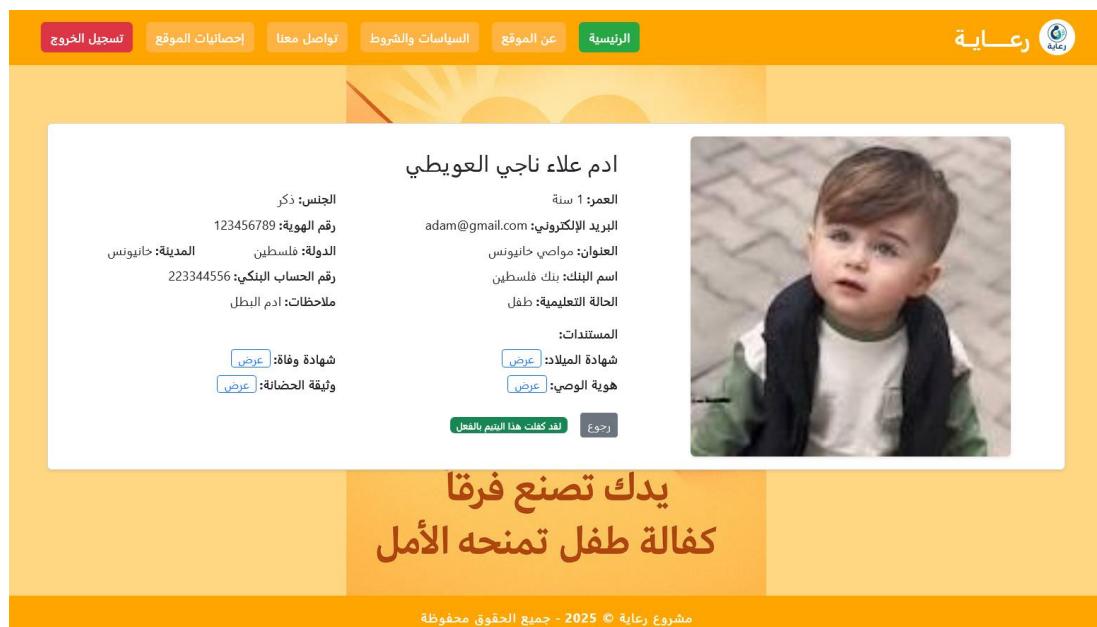
This page allows the sponsor to update their personal, banking, and account information in a simple and user-friendly form.

Page Layout and Features:

- Header:
Displays the page title: “Edit Sponsor Information” to clearly indicate the page’s purpose.
- Success Message:
If the update is successful, a confirmation alert is shown to the user.
- Edit Form:
The form includes fields for the sponsor’s:
 - Name: Text input, pre-filled with the current sponsor’s name.
 - Email: Email input, pre-filled with the current sponsor’s email address.
 - Bank Name: Text input for the sponsor’s bank name.
 - Bank Account Number: Optional text input, pre-filled if available.
 - Country: Text input for the sponsor’s country of residence.
 - City: Text input for the sponsor’s city of residence.
 - Password: Input field to change the account password (optional).
- Actions:
 - Primary Button: Submit the form to update the sponsor’s data.
 - Secondary Button: Link back to the sponsor’s dashboard for easy navigation.

Purpose:

- To provide sponsors with a secure and easy way to update their personal, banking, and account information.
- To ensure the sponsor’s profile data remains accurate for sponsorship management



5.15 sponsor_show(sponsored) page

رعاية

رنا فادي خالد العويطي

الجنس: أنثى	العمر: 3 سنة
رقم الهوية: 122345678	البريد الإلكتروني: rana@gmail.com
الدولة: -	العنوان: مواصي حانيونس
المدينة: -	اسم البنك: -
رقم الحساب البنكي: 123456789	الحالة التعليمية: -
ملحوظات: -	المستندات:
شهادة وفاة: عرض	شهادة الميلاد: عرض
وثيقة الحضانة: عرض	هوية الوصي: عرض

[ال طفل مكفول من قبل اخر](#) [اكملي](#) [رجوع](#)



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5.16 sponser_show(sponsored) page

رعاية

سلمي احمد خليل الاسطل

الجنس: أنثى	العمر: 13 سنة
رقم الهوية: 3366699885	البريد الإلكتروني: salma@gmail.com
الدولة: فلسطين	العنوان: مواصي حانيونس
المدينة: غزة	اسم البنك: بنك فلسطين
رقم الحساب البنكي: 123456789	الحالة التعليمية: طالب
ملحوظات: -	المستندات:
شهادة وفاة: غير متوفّر	شهادة الميلاد: غير متوفّر
وثيقة الحضانة: غير متوفّر	هوية الوصي: غير متوفّر

[اكملي](#) [رجوع](#)



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5.17 sponser_show(not sponsored) page

Description of the Orphan Details Page

This page presents comprehensive information about a specific orphan in a clean and

organized card layout, allowing sponsors or visitors to view key details and related documents.

Page Structure and Features:

- Main Container:
The content is wrapped in a responsive container with some margin at the top for spacing.
- Orphan Card:
A visually distinct card with subtle shadow and padding containing all orphan-related information, divided into two main columns:
 1. Child Image (Left Side):
 - Displays the orphan's photo if available.
 - If no image exists, a placeholder image with the text "No Image" is shown.
 - The image is responsive, with max-width and max-height constraints, ensuring proper display on different screen sizes.
 2. Orphan Details (Right Side):
 - Shows the orphan's name prominently as the card title.
 - Displays key attributes in a clear, easy-to-read list format:
 - Age (calculated from birthdate)
 - Gender
 - Email
 - Identity Number
 - Address
 - Country
 - City
 - Bank Name
 - Bank Account Number (or a dash if unavailable)
 - Educational Status
 - Notes (or a dash if none)
- Documents Section:
 - A vertical list of important official documents related to the orphan.
 - Each document (birth certificate, death certificate, guardian ID, custody document) is labeled and linked if available.
 - If a document is missing, it shows a muted "Not Available" message.
 - Document links open in a new tab for viewing.
- Flash Messages:
 - Success and error messages display dynamically after certain actions, providing feedback to the user.
- Action Buttons:
 - Back Button: Returns to the sponsor dashboard.
 - Sponsorship Button (Conditional):
 - If the current user is a sponsor and the orphan is not yet sponsored, a "Sponsor Me" button appears allowing the user to initiate sponsorship.
 - If the orphan is already sponsored by another sponsor, a yellow message appears next to the button stating: "This child is sponsored by another sponsor."

- If the orphan is already sponsored by the current sponsor, the button is replaced with a green message: “You have already sponsored this orphan.”

Purpose:

- To provide sponsors and visitors with a full overview of an orphan's personal, educational, and legal information in one place.
- To facilitate sponsorship by clearly indicating whether the orphan is available, sponsored by another sponsor, or already sponsored by the current sponsor.
- To ensure transparency and easy access to important documents related to the orphan's status.

معلومات الطفل

اسم الطفل: سلمي احمد حليل الاسطل

رقم الحساب البنكي: 123456789

تاريخ الميلاد: 14-09-2012

معلومات الكفيل

اسم الكفيل: محمد بلال العوسي

رقم الحساب البنكي للكفيل: 123456987

بيانات الكفالة

قيمة الكفالة

تاريخ الندائية

نوع / شهر / سنة

تاريخ النهاية

نوع / شهر / سنة

رجوع

كفالات طفل تمنحك الأمل

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5.18 create_sponsorship_page

Page Description: Sponsorship Registration Page

This page allows a logged-in sponsor to view details about a specific orphan and to register a new sponsorship for that orphan by submitting the sponsorship details.

Page Sections:

- Orphan Information:**
Displays important information about the orphan, including:
 - Name of the child
 - Bank account number (or “Not specified” if unavailable)
 - Birthdate
- Sponsor Information:**
Shows the currently authenticated sponsor's details:
 - Sponsor's full name
 - Sponsor's bank account number

- Sponsorship Details Form:
A form where the sponsor can input the details for the sponsorship, including:
 - Sponsorship amount (required)
 - Start date of the sponsorship (required)
 - End date of the sponsorship (required)
- Form Controls:
 - A green button labeled “Register Sponsorship” to submit the form and save the sponsorship.
 - A secondary button labeled “Back” that redirects the user back to the sponsor’s dashboard.

Purpose:

- To provide sponsors with clear information about the orphan they want to support.
- To enable sponsors to create a new sponsorship agreement by specifying the amount and duration.
- To facilitate easy navigation back to the dashboard after registration.

5.19 admin login page

Description of the Admin Login Page

This page provides a secure login interface for administrators to access their accounts within the orphan_sponsor system.

Page Layout and Features:

- Header:
Displays a clear title: "Admin Login".
- Error Handling:
If there is a login error (such as invalid credentials), an alert box with a descriptive error message is shown.
- Login Form:

- Email Field: Input for the administrator's email address, with validation and error message display.
- Password Field: Password input with validation and error message display.
- Submit Button: A button to submit the form and attempt login.

Form Behavior:

- Uses the POST method to securely send login credentials to the `admin.login.post` route.
- Includes CSRF protection tokens for security.
- Preserves user input on validation failure to improve the user experience.

Purpose:

- To securely authenticate administrators before granting access to admin-specific features and dashboards.
- To provide a straightforward way for administrators to log in or register if they do not yet have an account

الإجراءات	توثيق البيانات	الحالة	عرض البيانات	الاسم
<input type="button" value="Trash"/> <input type="button" value="تفعيل"/> <input type="button" value="توثيق البيانات"/>	أتم يتم التتحقق	<input type="button" value="مفعل"/> <input type="button" value="غير مفعل"/>	<input type="button" value="مراجعة البيانات"/>	ادم علاء ناجي العوبيطي
<input type="button" value="Trash"/> <input type="button" value="تفعيل"/> <input type="button" value="توثيق البيانات"/>	أتم يتم التتحقق	<input type="button" value="مفعل"/> <input type="button" value="غير مفعل"/>	<input type="button" value="مراجعة البيانات"/>	زنا فادي خالد العوبيطي
<input type="button" value="Trash"/> <input type="button" value="تفعيل"/> <input type="button" value="توثيق البيانات"/>	أتم يتم التتحقق	<input type="button" value="مفعل"/> <input type="button" value="غير مفعل"/>	<input type="button" value="مراجعة البيانات"/>	يرم فادي خالد العوبيطي
<input type="button" value="Trash"/> <input type="button" value="تفعيل"/> <input type="button" value="توثيق البيانات"/>	أتم يتم التتحقق	<input type="button" value="مفعل"/> <input type="button" value="غير مفعل"/>	<input type="button" value="مراجعة البيانات"/>	تقى سلال خليل العوبيطي
<input type="button" value="Trash"/> <input type="button" value="تفعيل"/> <input type="button" value="توثيق البيانات"/>	أتم يتم التتحقق	<input type="button" value="مفعل"/> <input type="button" value="غير مفعل"/>	<input type="button" value="مراجعة البيانات"/>	احمد بلال العوبيطي
<input type="button" value="Trash"/> <input type="button" value="تفعيل"/> <input type="button" value="توثيق البيانات"/>	أتم يتم التتحقق	<input type="button" value="مفعل"/> <input type="button" value="غير مفعل"/>	<input type="button" value="مراجعة البيانات"/>	محمد طارق دفاجة
<input type="button" value="Trash"/> <input type="button" value="تفعيل"/> <input type="button" value="توثيق البيانات"/>	أتم يتم التتحقق	<input type="button" value="مفعل"/> <input type="button" value="غير مفعل"/>	<input type="button" value="مراجعة البيانات"/>	عمر احمد خليل الاسطل
<input type="button" value="Trash"/> <input type="button" value="تفعيل"/> <input type="button" value="توثيق البيانات"/>	أتم يتم التتحقق	<input type="button" value="مفعل"/> <input type="button" value="غير مفعل"/>	<input type="button" value="مراجعة البيانات"/>	سلوى احمد خليل الاسطل
<input type="button" value="Trash"/> <input type="button" value="تفعيل"/> <input type="button" value="توثيق البيانات"/>	أتم يتم التتحقق	<input type="button" value="مفعل"/> <input type="button" value="غير مفعل"/>	<input type="button" value="مراجعة البيانات"/>	اهل احمد خليل الاسطل
<input type="button" value="Trash"/> <input type="button" value="تفعيل"/> <input type="button" value="توثيق البيانات"/>	أتم يتم التتحقق	<input type="button" value="مفعل"/> <input type="button" value="غير مفعل"/>	<input type="button" value="مراجعة البيانات"/>	فراس محمد النجار
<input type="button" value="Trash"/> <input type="button" value="تفعيل"/> <input type="button" value="توثيق البيانات"/>	أتم يتم التتحقق	<input type="button" value="مفعل"/> <input type="button" value="غير مفعل"/>	<input type="button" value="مراجعة البيانات"/>	خليل احمد خليل الاسطل

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5.20 dashboard admin page

رعاية

لوحة تحكم المدير

الكلفالة

الإجراءات	توثيق البيانات	الحالة	عرض البيانات	الاسم
إلغاء التحقق	تم التتحقق	مفعل	مراجعة البيانات	محمد بلال العوبيطي
إلغاء التفعيل	لم يتم التتحقق	مفعل	مراجعة البيانات	مؤمن خفاجة
إلغاء التفعيل	لم يتم التتحقق	مفعل	مراجعة البيانات	محمد اياد النجار
إلغاء التتحقق	تم التتحقق	مفعل	مراجعة البيانات	عبد الرحمن أسامة حراره
إلغاء التفعيل	لم يتم التتحقق	مفعل	مراجعة البيانات	اياد الفرا
إلغاء التفعيل	لم يتم التتحقق	مفعل	مراجعة البيانات	بلال سلامة محمد العوبيطي
إلغاء التفعيل	تم التتحقق	مفعل	مراجعة البيانات	سلامة احمد العوبيطي

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5.21 dashboard admin page

رعاية

لوحة تحكم المدير

الكلفالة

تاريخ نهاية الكفالة	تاريخ بداية الكفالة	المبلغ	اسم الكفيل	اسم التبنيم
بحث عن تاريخ النهاية	بحث عن تاريخ البداية	بحث عن المبلغ	بحث عن الكفيل	بحث عن التبنيم
25-09-2026	25-09-2025	200.00	محمد بلال العوبيطي	ادم علاء نادي العوبيطي
15-09-2026	15-09-2025	100.00	محمد بلال العوبيطي	ريم فادي خالد العوبيطي
01-06-2026	01-10-2025	200.00	محمد بلال العوبيطي	تهى بلال العوبيطي
01-12-2025	01-10-2025	200.00	محمد بلال العوبيطي	احمد بلال العوبيطي
27-10-2025	01-10-2025	50.00	عبد الرحمن أسامة حراره	محمد طارق خفاجة
01-10-2026	01-10-2025	200.00	مؤمن خفاجة	رنا فادي خالد العوبيطي
01-10-2026	01-10-2025	200.00	مؤمن خفاجة	ادم علاء نادي العوبيطي
01-10-2026	01-10-2025	100.00	مؤمن خفاجة	محمد طارق خفاجة
01-10-2026	01-10-2025	100.00	مؤمن خفاجة	ريم فادي خالد العوبيطي
07-11-2025	10-10-2025	50.00	بلال سلامة محمد العوبيطي	ادم علاء نادي العوبيطي
03-10-2025	03-10-2024	60.00	محمد بلال العوبيطي	عمر احمد خليل الاسطل
09-11-2027	10-11-2025	300.00	محمد بلال العوبيطي	امل احمد خليل الاسطل
25-11-2025	27-11-2024	66.00	محمد بلال العوبيطي	فراس محمد النجار

كفالۃ طفل تمنحه الأمل

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5.22 filter admin page

مراجعة بيانات ادم علاء ناجي العوبيطي

ال المستندات	الصورة الشخصية
شهادة الميلاد	
شهادة الوفاة	
وثيقة الحضانة	

الاسم: ادم علاء ناجي العوبيطي	رقم الهوية: 123456789	الجنس: ذكر	الاًئمة: 03-01-2024
العنوان: موسى ناجي خان يونس	حالة الكفالة: 1	المدينة: خان يونس	ملحقات: ادم البطل
الحساب البنكي: 223344556	الدولة: فلسطين	الحالة التعليمية: طفل	العنوان: خان يونس
اسم البنك: بنك فلسطين			

إعادة تعيين كلمة المرور:

تأكيد كلمة المرور:

إعادة التعيين

إغلاق

5.23 dashboard admin page

مراجعة بيانات محمد بلال العوبيطي

ال المستندات	الصورة الشخصية
لا توجد مستندات	لا توجد صورة شخصية

الحساب البنكي: 123456987	البريد الإلكتروني: moh@gmail.com	الاسم: محمد بلال العوبيطي
اللواء: فلسطين	العنوان: ملاج الدين	رقم الهاتف: 0599887766
عدد الكفالة: 7	اسم البنك: بنك فلسطين	المدينة: القدس

إعادة تعيين كلمة المرور:

تأكيد كلمة المرور:

بلال

إغلاق

5.24 admin model page

Admin Dashboard Description

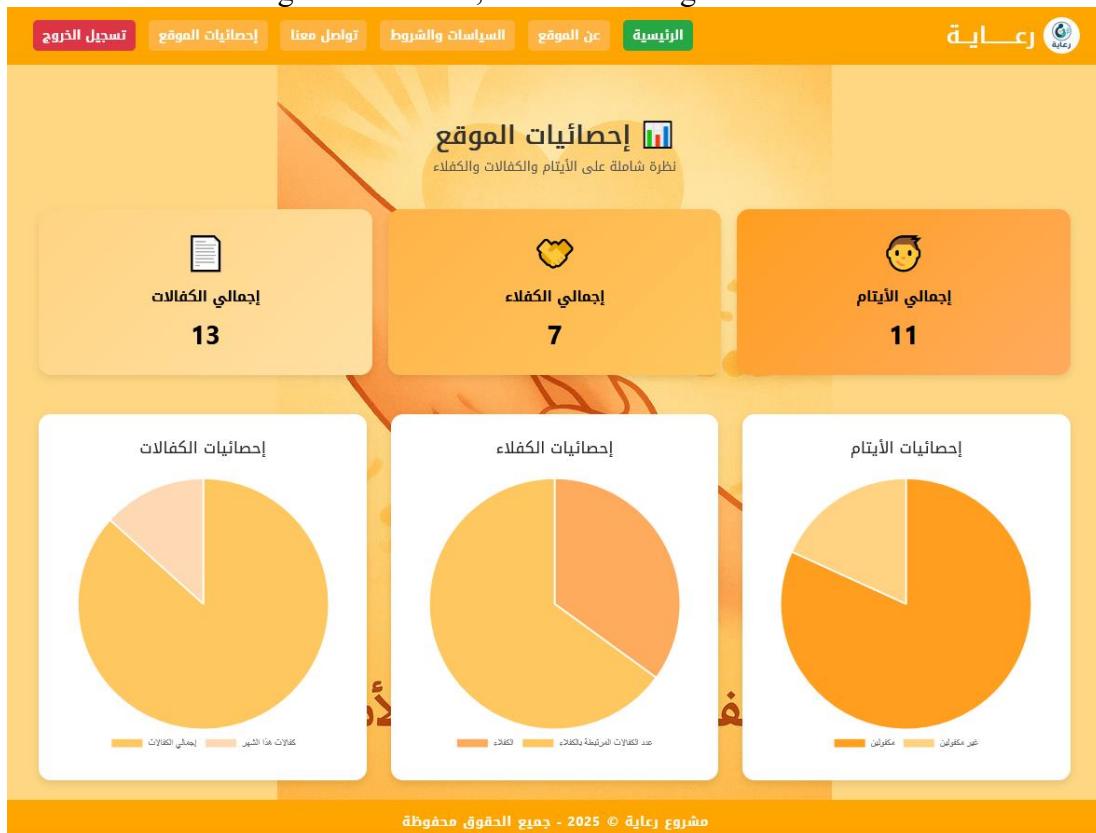
The Admin Dashboard page serves as the main interface for the logged-in administrator, providing a comprehensive overview and full management options for all orphans, sponsors, and sponsorships within the system.

Page Layout and Features:

- Header:
Displays a personalized greeting showing the administrator's name, e.g., "Admin Dashboard: [Admin Name]."
- Search and Filtering Options:
At the top of the tables, a general search box allows quick access to orphans, sponsors, or sponsorships. Advanced filtering options are also available:
 - Orphans Table: Filter by name, account activation status, or data verification status.
 - Sponsors Table: Filter by name, account activation status, or data verification status.
 - Sponsorships Table: Filter each column individually, including orphan name, sponsor name, sponsorship amount, start date, or end date.
- Orphans Section:
 - Orphans Table: Displays all orphans with the following columns:
 - Name
 - View Data: Button to review orphan details directly, allowing manual verification and password reset if needed.
 - Status: Indicates whether the account is active or inactive.
 - Data Verification: Shows whether the orphan's data has been verified.
 - Actions: Buttons to deactivate the account, unverify data, delete the orphan, or view their sponsorships.
- Sponsors Section:
 - Sponsors Table: Displays all sponsors with the following columns:
 - Name
 - View Data: Button to review sponsor details, verify data, and reset password if necessary.
 - Status: Indicates whether the account is active or inactive.
 - Data Verification: Shows the verification status of the sponsor's data.
 - Actions: Buttons to deactivate the account, unverify data, or delete the sponsor.
- Sponsorships Section:
 - Sponsorships Table: Displays all current and past sponsorships with the following columns:
 - Orphan Name
 - Sponsor Name
 - Sponsorship Amount
 - Start Date
 - End Date (if applicable)

Purpose:

- Provide administrators with a complete interface to manage orphans, sponsors, and sponsorships.
- Allow manual review, activation/deactivation, data verification, deletion, and password management.
- Offer advanced search and filtering tools for quick and accurate data access.
- Clearly display activation and verification statuses to ensure efficient system oversight and smooth, effective management.



5.25 Statistics page

Description of the Statistics Page

This page provides an overview of the system's statistics, giving administrators or sponsors insight into orphan management and sponsorships.

Page Layout and Features:

- Header:
 - Displays a clear title: "Site Statistics".
- Statistics Overview:
 - Shows key metrics in a summarized format:
 - Total Number of Orphans
 - Total Number of Sponsors
 - Total Number of Sponsorships
- Graphical Representation:
 - A chart or graph visually represents the statistics to facilitate quick understanding and comparison.

Purpose:

- To provide a clear overview of orphans and sponsorship statistics.

- To allow administrators and sponsors to monitor trends and assess the current state of sponsorships.
- To combine numerical data with visual representation for easy analysis and decision-making

5.10 Conclusion

The system design provides a direct and transparent interaction between orphans and sponsors, enabling efficient management of orphan profiles, sponsorships, and administrative tasks. It integrates features such as real-time status tracking, document verification, and secure profile updates, ensuring privacy and engagement while maintaining a reliable platform for managing sponsorship activities.

Chapter 6

Implementation and Testing

Introduction

This chapter describes the implementation and testing of the Orphan-Sponsor System, which provides a direct platform connecting orphans and sponsors. The system emphasizes usability, efficiency, and security, offering fully functional features including user registration, profile and account management, document uploads, and detailed sponsorship tracking.

6.2 Implementation

6.2.1 Technology Stack

The system is implemented using the following technologies:

- Backend: PHP (Laravel framework)
- Frontend: HTML, CSS, JavaScript, Bootstrap
- Database: MySQL
- Development Environment: XAMPP or a similar local server

6.2.2 System Modules

The implementation comprises the following main modules:

1. Orphan Module
 - Registration and login
 - Profile management (including country, city, bank name, educational status)
 - Document uploads (birth certificate, guardian ID, custody documents, and profile image)
 - Viewing sponsorship status, including detailed tracking of active and past sponsorships
2. Sponsor Module
 - Registration and login (with bank, country, and city details)
 - Browsing orphan profiles with detailed filters (name, age, city, educational status, sponsorship status)
 - Submitting sponsorship requests
 - Tracking active sponsorships and viewing orphan sponsorship history
 - Editing sponsor profile and changing password
3. Admin Module
 - Managing orphans and sponsors
 - Activating/deactivating accounts
 - Verifying or un-verifying data
 - Manual review of orphan and sponsor profiles with password reset
 - Viewing all sponsorships and statistics
4. Direct Interaction
 - Sponsors can interact directly with orphans without administrative approval
 - Sponsorship status is updated automatically once a request is submitted

6.2.3 User Interface Implementation

- Simple, intuitive dashboards for orphans, sponsors, and administrators

- Forms for registration, profile editing, document uploads, and sponsorship requests
- Real-time notifications confirming actions, such as successful sponsorship requests, document uploads, or profile updates
- Tables with actionable buttons for managing accounts and reviewing detailed data

Database Implementation

The database is structured to support efficient management of orphans, sponsors, and sponsorships. It includes the following main tables:

- Orphans: Stores personal information, profile details (including country, city, bank, and educational status), uploaded documents, and sponsorship status.
- Sponsors: Stores personal, contact, and banking information.
- Sponsorships: Links sponsors to orphans and records sponsorship status, including start and end dates.

All sensitive information is stored securely, and uploaded documents are saved in a protected directory. Relationships between tables are carefully designed to ensure data integrity and fast query performance.

6.3 Coding

This section presents the technical implementation of the orphan_sponsor system, detailing the source code structure and programming techniques applied across all major components: the backend server, the admin dashboard, and the sponsor web application. Each component is developed using a modular approach to ensure maintainability, scalability, and organized architecture.

The coding follows a layered structure that reflects the system's functional requirements, emphasizing clean architecture, secure data handling, and real-time interaction where needed.

6.3.1 Backend Implementation

The backend of the orphan_sponsor system is implemented using PHP with the Laravel framework and MySQL database. The backend is responsible for all business logic, HTTP request handling, authentication, session management, and secure data operations.

Backend Architecture

The system uses a modular MVC (Model-View-Controller) design, separating concerns into:

- Models: Define database schemas and relationships (e.g., Orphan, Sponsor, Sponsorship).
- Controllers: Contain the business logic for each module (e.g., OrphanController, SponsorController, SponsorshipController).
- Routes: Map HTTP requests to controller methods (e.g., /sponsor/login, /orphans/list).

- **Services:** Handle shared utilities and application logic, including real-time updates where applicable.
- Middlewares: Include authentication, validation, and error handling layers.

Technologies Used – Backend

Technology	Purpose
PHP (Laravel)	Backend framework for business logic and routing
MySQL	Database management system
Bootstrap, HTML, CSS, JS	Frontend integration
JWT	Secure authentication tokens
bcrypt	Password hashing and comparison
Laravel Middleware	Authentication, session management, and validation

6.1 Purpose Technology Backend Table

Admin Control Panel - Frontend

The admin control panel for the Orphan-Sponsor System was developed using Laravel Blade templates, HTML, CSS, JavaScript, and Bootstrap to provide a responsive and user-friendly administrative interface. The panel enables administrators to manage orphans, sponsors, sponsorships, and system statistics efficiently.

Frontend Architecture

The project follows a modular structure based on features, where each module (e.g., Orphans, Sponsors, Sponsorships) includes its own views, controllers, and supporting scripts. Reusable components and partials are utilized to maintain a consistent UI across the system.

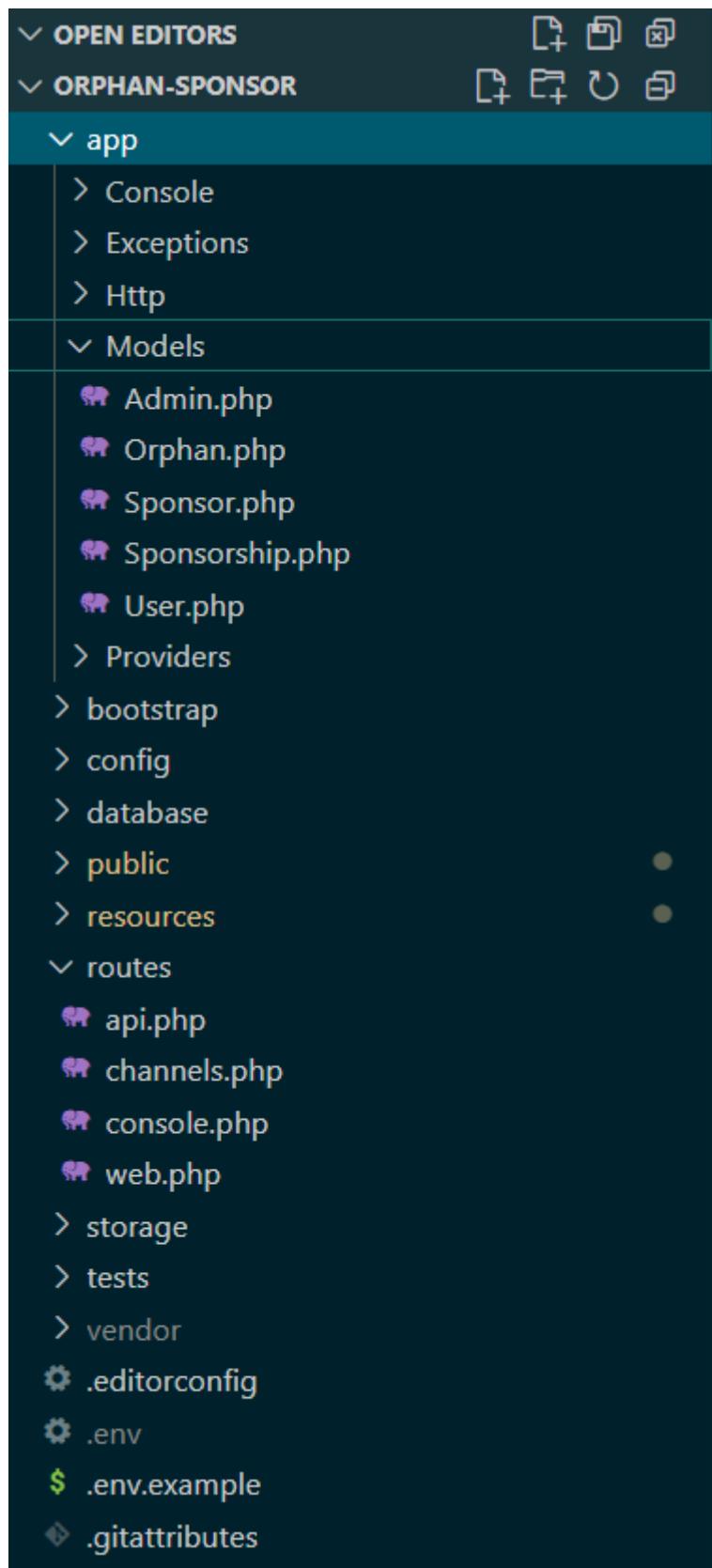
Technologies Used - Admin Frontend

Technology	Purpose
Laravel Blade	Template engine for dynamic page rendering
HTML / CSS / JS	Structure and interactive behavior
Bootstrap	Responsive layout and styling

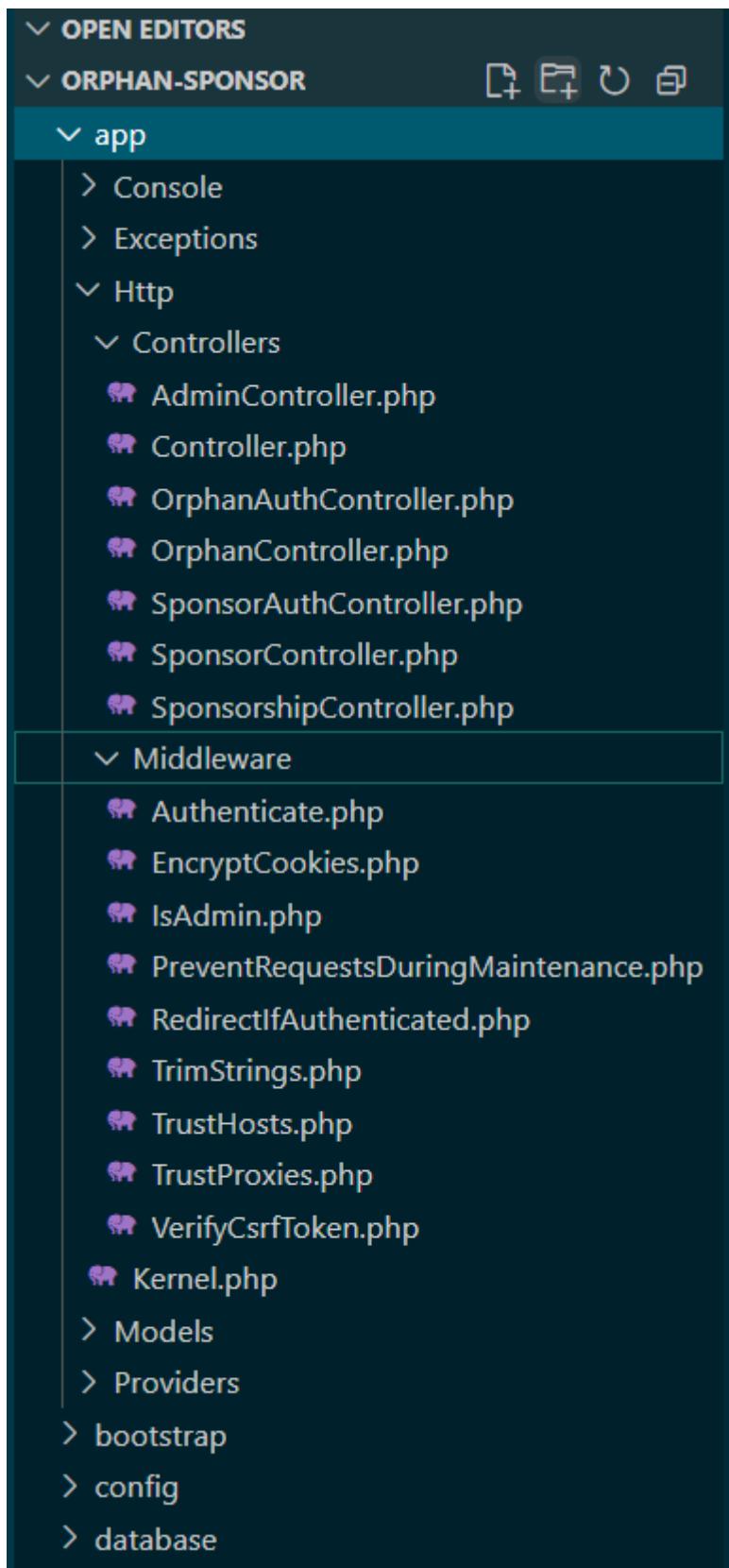
6.2 Purpose Technology Admin Frontend Table

ORPHAN-SPONSOR	
resources	•
views	•
admin	•
dashboard.blade.php	M
login.blade.php	
sponsorships.blade.php	
layouts	•
app.blade.php	M
orphans	
dashboard.blade.php	
edit.blade.php	
list.blade.php	
login.blade.php	
register.blade.php	
show_sponsor.blade.php	
sponsorships.blade.php	
statistics.blade.php	
sponsors	•
create_sponsorship.blade.php	
dashboard.blade.php	
edit.blade.php	M
login.blade.php	
register.blade.php	M
> sponsorships	
about.blade.php	U
contact.blade.php	U
terms.blade.php	U
welcome.blade.php	M

6.1 Backend Project



6.2 Backend Project



6.3 Backend Project

Testing

6.4.1 Testing Objectives

- Verify that all functionalities, including orphan and sponsor registration, profile management, document uploads, and sponsorship tracking, work as intended.
- Ensure that the direct interaction between orphans and sponsors is seamless and error-free.
- Test security measures, data validation, and proper handling of uploaded documents.
- Confirm that the database accurately stores and retrieves all information, including detailed orphan and sponsor profiles and sponsorship history.

6.4.2 Testing Methods

- Unit Testing: Each module (Orphans, Sponsors, Sponsorships) was tested individually to ensure correctness of core functions.
- Integration Testing: The complete workflow was tested, from orphan registration to sponsorship request submission and status updates.
- User Acceptance Testing: Sample users (students and volunteers) interacted with the system to evaluate usability, accessibility, and responsiveness.

6.4.3 Testing Results

- Registration and login for orphans, sponsors, and admins functioned correctly with secure session handling.
- Document uploads, including birth certificates, guardian IDs, custody documents, and profile images, were saved and linked correctly to the corresponding orphan profiles.
- Sponsors could submit sponsorship requests, and orphans' sponsorship status was updated immediately.
- Administrative actions, such as verifying data, deactivating accounts, or resetting passwords, performed correctly.
- No administrative approval was required for sponsorships, confirming the system supports direct interaction between sponsors and orphans.

6.5

Conclusion

The Orphan-Sponsor System provides a fully functional, secure, and user-friendly platform for managing orphan sponsorships. Testing confirmed that all core functionalities, including registration, profile management, document handling, and sponsorship tracking, operate smoothly. The system ensures direct and transparent interaction between orphans and sponsors while maintaining data integrity, security, and usability.

Chapter 7

Conclusions and future works

Conclusions

The Orphan–Sponsor Web Application project successfully achieved its objectives by developing a comprehensive and practical web-based system that directly connects orphans with sponsors in a secure, transparent, and user-friendly environment. The system enables orphans to create detailed profiles including personal, educational, and banking information, while sponsors can browse profiles, filter orphans by various criteria (such as age, city, educational status, and sponsorship status), and select orphans for sponsorship. Administrative functionalities allow for data verification, account management, and monitoring of sponsorships. Overall, the application has proven effective in managing information, facilitating interaction between users, and enhancing the experience for both orphans and sponsors, demonstrating how technology can address critical social needs in a practical and replicable way.

Future

Work

While the application meets its current goals, there are several opportunities for enhancement and expansion:

- Adding secure direct messaging between orphans and sponsors within the platform.
- Developing a mobile application to allow access and management on-the-go.
- Enhancing search, filter, and sorting capabilities to help sponsors find orphans more efficiently.
- Strengthening security through advanced encryption, multi-factor authentication, and identity management.
- Integrating with other charitable organizations or platforms to broaden the reach of sponsorships and social support.

Implementing these enhancements would increase the system's impact, improve usability, and provide additional tools for supporting orphans while fostering innovation in social IT solutions

References

- [1] W.-C. Kang and J. McAuley, "Self-attentive sequential recommendation," in *2018 IEEE International Conference on Data Mining (ICDM)*. IEEE, 2018, pp. 197-206.
- [2] J. Smith and A. Brown, *Database Systems: Concepts and Design*, 6th ed. Boston, MA: Pearson, 2019.
- [3] A. Johnson, "Designing web applications for social services," *Journal of Information Technology Research*, vol. 12, no. 3, pp. 45-58, 2020.
- [4] UNICEF, "Orphan statistics worldwide," UNICEF, 2023. [Online]. Available: <https://www.unicef.org/orphans>. [Accessed: 01-Oct-2025]