## RaiseHope



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**Spring 2024**

**A Dissertation Submitted To**

**Faculty of Computing,**

**Riphah International University, Islamabad**

**As a Partial Fulfillment of the Requirement for the Award of**

**the Degree of**

**Bachelor of Science in Software Engineering**

**Faculty of Computing**

**Riphah International University, Islamabad**

Date: 22-03-2024

**Final Approval**

This is to certify that we have read the report submitted by ***Usama Ali Khan(22960), Tayyab Iqbal(23233), Noman Ali Khan(22959),*** for the partial fulfillment of the requirements for the degree of the Bachelor of Science in Software Engineering (BSSE). It is our judgment that this report is of sufficient standard to warrant its acceptance by Riphah International University, Islamabad for the degree of Bachelor of Science in Software Engineering (BSSE).

**Committee:**

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|  |
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**Declaration**

We hereby declare that this document “**RaiseHope”** neither as a whole nor as a part has been copied out from any source. It is further declared that we have done this project with the accompanied report entirely on the basis of our personal efforts, under the proficient guidance of our teachers especially our supervisor **Mr. Muhammad Waqar Arshad.** If any part of the system is proved to be copied out from any source or found to be reproduction of any project from anywhere else, we shall stand by the consequences.

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**Dedication**

We dedicate this project to Allah Almighty our creator, our strong pillar, our source of inspiration, wisdom, knowledge and understanding. He has been the source of our strength throughout this program. Also, we dedicate our work to our family, friends and teachers. The unrivalled encouragement from our parents and outstanding support from teachers is what lead to success of this project. We also dedicate our work to our supervisor **Mr. Muhammad Waqar Arshad** and the faculty members.

**Acknowledgement**

First of all, we are obliged to Allah Almighty the Merciful, the Beneficent and the source of all Knowledge, for granting us the courage and knowledge to complete this Project.

We are grateful to our supervisor **Mr. Muhammad Waqar Arshad**  for his enthusiasm, patience, insightful comments, helpful information, practical advice, and unceasing ideas that always helped us tremendously in our project. Without his support and guidance, this project would not have been possible. Also, a special thanks to the rest of the faculty members for their unconditional support.

**Abstract**

The RaiseHope is an initiative that uses the transformative power of digital innovation to address social inequalities and empower marginalized communities around the worldwide.

Adopting the principle of transparency, RaiseHope is a powerful online platform that connects volunteering, business giving, and social impact. With unique features like seamless fundraising lines, comprehensive support services, and a robust verification process.

RaiseHope empowers individuals, organizations, and the work of donors. Using data from well-informed and by creating a collaborative network, it not only meets immediate needs, but also lays the groundwork for a stable, long-term solution.

RaiseHope is a global movement to create a more just and compassionate society where everyone has the opportunity to thrive and contribute to their communities aims to support.

**Chapter 1:**

**Introduction**

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**Introduction**

RaiseHope is a foundation for solving challenging problems facing poor communities around the world. As demand for support in areas such as education, health, poverty alleviation and humanitarian aid increases, unique opportunities arise to make a difference through joint initiatives. The mission is to bridge the gap between donors and beneficiaries and provide a platform where individuals, businesses and organizations can contribute money to help those in need. RaiseHope works to create positive change, promote sustainable development and improve the lives of vulnerable people through technology and community-based initiatives. This orientation emphasizes the importance of working to solve social inequalities and demonstrates the collective responsibility to combat and support poor communities around the world.

* 1. **Opportunity and Stakeholder**
* **Addressing critical social problems:** Ability to address social problems facing the poor around the world, such as lack of education, inadequate healthcare and human crises.
* **Using technology for social purposes:** Using technology to create a platform where people, businesses and organizations can contribute and support to improve the lives of those people.
* **Unite:** Provide opportunities for individuals and organizations to come together to solve societal problems and promote community and social responsibility.
* **Empowering poor communities:** Giving poor communities opportunities to strengthen them by providing them with necessary resources, education, healthcare and livelihoods.
* **Creating sustainable change:** The ability to implement sustainable solutions that address the root causes of social inequality, promote long-term growth and empower disadvantaged groups.

**1.1.1 Stakeholder**

* Donors
* Volunteers
* Partner Organizations
* Local Communities
  1. **Solution Overview**
* **Fundraising management and transparency:** Creating a platform to manage fundraising campaigns and ensure users know the importance that their donations will be used for the right charity. It helps build trust among donors and provides transparency in the donation process.
* **Providing comprehensive support to those in need:** It is RaiseHope’s mission to provide comprehensive support to meet the diverse needs of vulnerable individuals and communities. This may include services in areas such as education, health, livelihoods and emergency services.
* **Share progress reports transparently:** Sharing progress reports with stakeholders, including donors, beneficiaries and partners, is important for transparency and accountability. It allows stakeholders to track the impact of their contributions and ensure that resources are used effectively.
* **Supervisor:** Using a system where supervisors oversee every situation can help projects go smoothly and problems are resolved quickly. Administrative oversight may include overseeing fundraising activities, managing resources, and resolving any conflicts or concerns.
* **Conduct feedback assessments:** Conducting research to gather feedback from beneficiaries and stakeholders is an important practice. It provides insight into the effectiveness of programs and services, identifies areas for improvement, and ensures interventions meet the needs of the population.
  + 1. **Project Scope**
* **Development of a Platform:** Creating a user-friendly app to serve the platform for RaiseHope events.
* **Fund Management:** Using features to help with donor security and management, including donor registration, payment and tracking.
* **Comprehensive support services:** Providing support services such as education, healthcare, health promotion, and emergency services to meet the needs of many nations and communities.
* **Transparency and Accountability:** Developing a strategy for sharing information on progress to ensure transparency in fundraising and maintain accountability to stakeholders.
* **Verified Organizations:** Non-profit organizations that have been reviewed by RaiseHope for legitimacy and trustworthiness, ensuring good use of donations.
* **Security payment method:** A safeguard for financial transactions that protects user’s sensitive information when making a donation.
* **Monitoring:** Regularly evaluate platform activities and results to ensure transparency, effectiveness and alignment with goals.
* **Reporting and Evaluation:** Collect and evaluate data to generate insights and assessments about RaiseHope activities, impact, and effectiveness.
  + - 1. **Admin’s Module**
* A feature that will keep track of the Registered Users.
* Admin can manage user accounts, roles and permissions.
* Admin oversee fundraising activities and donations.
* Admin create reports and analyse the performance of the platform.
* Manage support cases and track their resolution.
* Admin is responsible for security and access control.
* Configure system setting and perform maintenance tasks.
  + - 1. **Donor’s Module**
* Donors can create and manage their accounts, including profile information and preferences.
* Donors can donate via different payment methods, including credit/debit card, bank transfer or mobile payment options.
* Donors may seek and participate in fundraising activities from RaiseHope or other user to contribute to specific causes or projects.
* Donors can set up continual donations to support causes and provide ongoing support to communities in need.
* Donors can create and download tax receipts for their donations so tax deductions can be made where applicable.
* Donors can track their donation history, view receipts, and track the progress of their donated funds.
* RaiseHope ensures the privacy and security of data donations, compiles with data protection laws and uses encryption and security measures to protect free information.
* Donors have access to reports and stories that show the impact their donations have on the lives of poor people and communities.
  + - 1. **Organization’s Module**
* Organizations can sign up and create a profile to provide information about their roles, activities, and areas of focus.
* Organizations can create, manage and support their projects and events on the RaiseHope platform, including fundraisers, service projects and sponsorships.
* RaiseHope provides organizations with tools resources to support their fundraising efforts, including fundraising, donor management, and recruiting competition.
* Organizations can use RaiseHope’s Volunteer management tools and resources to recruit, manage, and engage volunteers for their programs and initiatives.
* Organizations can track and report the impact of their activities and projects, sharing success stories, results and metrices with stakeholders, donors and beneficiaries.
* Organizations can use the RaiseHope platform to raise awareness of community issues, advocate for policy change, and support their causes and campaigns.
  + - 1. **Verification Module**
* By implementing robust verification processes for both organizations and individual, RaiseHope ensures the integrity, credibility, and effectiveness of its support services, promoting transparency, accountability, and trust among all stakeholders involved.
* Identify non-profits organizations that want to register and create a profile on the RaiseHope platform.
* Review organization details including bylaws, mission statement, registration information and contact information.
* Verify individuals, volunteers, fundraisers and other registered users on the RaiseHope platform.
* Identify people seeking help from RaiseHope’s services, such as education, healthcare and emergency services.
* Check eligibility including income level, place of residence, family and special needs.
* Place authentications status or tags on organization profiles, business pages, and user profiles to indicate authentication status for donors, volunteers, and stakeholders.
* Transparency and visibility of legal verification to increase trust in the RaiseHope platform and its users.
* Continuous and repeatable monitoring of organizations, individuals and projects to ensure compliance with RaiseHope’s standards, rules and regulations.
* Take immediate action in case of inconsistent verification, fraud with verification standards.
* Introduction to the process for users to flag suspicious activity, misinformation, or verification concerns.
  + - 1. **Payment Module**

The payment process in the RaiseHope program makes donating safe and easy, allowing donors to donate to support communities in need. Below are the main products and features of the Payment Module:

* With trusted payment service providers to secure free online transactions.
* Support multiple payment methods including credit/debit cards, bank transfers, mobile wallets and other electronic payment options.
* Donors can register and create profiles, provide payment information and payment details for donations.
* Free payment information is securely stored and encrypted to ensure confidentiality and prevent unauthorized access.
* Donors can initiate a donation transfer through the RaiseHope platform, select the desired amount and specify the cause to support.
* After completing the donation process, send confirmation to the donor to ensure approval and thank them for their support.
* A personalized email confirmation or notification with details about the donation and its requirements.
* Using security measure to protect payment information, including access tokenization, and compliance with PCI-DSS standards.
* Complying with data protection laws and best practices to ensure the confidentiality, integrity and secure of donated data.
* Configure payment gateway settings, parameters and preferences to comply with RaiseHope’s policies and operational requirements.
* Regular management and oversight of payment integration, including updates, and issue resolution.
  1. **Report Outline**

This report covers the details of all aspects of the system in a clear and concise manner. This report is divided into six chapters.

* + 1. **Chapter 1**

This chapter introduces our system through the rules and problem-solving process. Goals, objectives, and methods used to develop solutions.

**Chapter 2:**

**Literature/Market Survey**

**Chapter: 2**

**Literature/Marketing Survey**

**2.1 Introduction**

In this chapter, we are discussing the literature/market survey of our project “RaiseHope”. For our project, we have surveyed the existing system and their working for the social services. Further, we have created a table in which we have compared the features of the similar existing systems of our project.

**2.2 Literature Review/Market Survey**

**2.2.1 Survey of Existing Systems**

* **LaunchGood**

LaunchGood has a limited scope of their project they only supports the Muslim Community. It allows individuals and organizations to raise funds for variety of causes, including charities, community development and personal businesses.

LaunchGood never verifies the organizations. Users may have raised concerns about the transparency of fundraising, including the distribution of funds and the impact of donations. This may include issues such as unclear reporting or insufficient information from the event organizer. Users may encounter difficulties with LaunchGood that do not meet quality standards or fail to deliver promised results. This may include unclear plans, inaccurate information, or failure to comply with donor obligations.

* **Karvan Foundation**

The Karvan Foundation dedicated to promoting education, empowerment and safety in disadvantaged communities. The institute focuses on various initiatives such as providing quality education and skill development.

Users raised concerns about the lack of Transparency and complaints about the effectiveness of foundation’s programs in addressing community needs and creating lasting impact. This include concerns about the design implementation challenges, or insufficient evaluation and monitoring mechanisms.

* **Tameer e Milat Foundation**

The Tameer-e-Milat Foundation is a non-profit organization dedicated to the development and upliftment of society, particularly focusing on education, healthcare, and community development initiatives.

Some Individuals may have raised concerns about the transparency of the foundation’s operations, including how funds are utilized and the impact of their projects. This could include issues such as unclear financial reporting or insufficient communication about project outcomes.

* **Chhipa Welfare Association**

The Chhipa Welfare Association is providing humanitarian aid and social welfare services to those in need. The association operates a wide range of programs and initiatives aimed at addressing poverty, hunger, healthcare, education, and disaster relief.

The services provided by the Chhipa Welfare Association may not be available in all areas, limiting access for individuals in remote undeserved communities.

**2.2.2 Survey Table of Existing Systems**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Systems | Features |  |  |  |  |
|  | **Medical Aid** | **Education** | **Collaboration Organizations** | **Transparency** | **Real-Time Update** |
| LaunchGood | **✗** | **✓** | **✓** | **✗** | **✗** |
| Karvan Foundation | **✗** | **✓** | **✗** | **✗** | **✗** |
| Tameer-e- Milat Foundation | **✓** | **✓** | **✗** | **✗** | **✗** |
| Chhipa Welfare Association | **✓** | **✗** | **✗** | **✗** | **✗** |
| RaiseHope | **✓** | **✓** | **✓** | **✓** | **✓** |

**2.3 Summary**

From the above content, we can conclude that there is no such existing system that is working with Transparency and Real-Time Update and all of the existing systems aren’t providing all the features in their platform. That’s why we came with the idea of “ RaiseHope” which appears to be the most comprehensive option, offering support for both Medical Aid and Education, along with features like collaboration with organizations, transparency, and real-time updates. These features enhance its ability to address diverse needs, foster partnerships, build trust, and communicate impact in a timely manner, making it a strong choice for those seeking a well-rounded approach to social welfare initiatives.

**2.4 Technologies Overview**

For implementation purposes, we will use:

Database

* SQL

Desktop Application

* ASP .NET framework
* C#
* ORM (Object Relational Mapping)
* WCF (Windows Communication Foundation)