

Fundraising and Idea Sharing System

A Minor Project Report Submitted to



**Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
Towards Partial Fulfillment for the Award of**

**Bachelor of Engineering
(Information Technology)**

**Under the Supervision of
Prof. Ronak Jain**

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Fundraising and Idea Sharing System

EXAMINER APPROVAL

The Project entitled "***Fundraising and Idea Sharing System***" submitted by **Priyanshi Gupta (0827IT181066), Sakshi Goyal(0827IT18180), Tanmay Jain(0827IT181110), Tarv Gupta(0827IT181111), Vikash Singh (0827IT181111)** has been examined and is hereby approved towards partial fulfillment for the award of ***Bachelor of Engineering degree in Information Technology*** discipline, for which it has been submitted. It understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein, but approve the project only for the purpose for which it has been submitted.

(Internal Examiner)

Date:

(External Examiner)

Date:

Fundraising and Idea Sharing System

GUIDE RECOMMENDATION

This is to certify that the work embodied in this project entitled "***Fundraising and Idea Sharing System***" submitted by **Priyanshi Gupta (0827IT181066)**, **Sakshi Goyal(0827IT18180)**, **Tanmay Jain(0827IT181110)**, **Tarv Gupta (0827IT181111)**, **Vikash Singh(0827IT181121)** is a satisfactory account of the bonafide work done under the supervision of **Prof. Ronak Jain** , is recommended towards partial fulfillment for the award of the Bachelor of Engineering (Information Technology) degree by Rajiv Gandhi Proudyogiki Vishwavidhyalaya, Bhopal.

(Project Guide)

(Project Coordinator)

Fundraising and Idea Sharing System

STUDENTS UNDERTAKING

This is to certify that project entitled "***Fundraising and Idea Sharing System***" has developed by us under the supervision of ***Prof. Ronak Jain***. The whole responsibility of work done in this project is ours. The sole intension of this work is only for practical learning and research.

We further declare that to the best of our knowledge, this report does not contain any part of any work which has been submitted for the award of any degree either in this University or in any other University / Deemed University without proper citation and if the same work found then we are liable for explanation to this.

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We are grateful to **our parent** and **family members** who have always loved and supported us unconditionally. To all of them, we want to say "Thank you", for being the best family that one could ever have and without whom none of this would have been possible.

Fundraising and Idea Sharing System

Executive Summary

This project is submitted to Rajiv Gandhi Proudyogiki Vishwavidhyalaya, Bhopal(MP), India for partial fulfillment of Bachelor of Engineering in Information Technology branch under the sagacious guidance and vigilant supervision of ***Prof. Ronak Jain.***

Funding and fundraising together contribute to the growth of business by enhancing the level of startup according to highest level of competition in corporate world. Therefore, funding and fundraising activities should be utilized in order to stabilize the business of startups.

Ideas can be difficult to have and more difficult to execute, certainly this match of an useful idea and a good execution is difficult to find. Platform of collaboration and idea sharing exist as proof of concepts, expensive services or awful interfaces.

We are a social media network for individuals all over the world with dreams and ideas but with an added twist of collaboration capabilities in engaging manner. We are enabling individuals.

Funding is a powerful tool to empower individuals and groups and bring about a change in business society. However, one must be very careful while raising funds. Look for credibility and the root causes carefully. With the advent of powerful platforms, things have gone easy and better. It is the platform in which user can share their ideas publically and build a community to accomplish their idea and move forward towards building their idea work into real world with many more features.

*“If you are not
willing to risk the
usual, you will have
to settle for
ordinary.”*

-Jim Rohn.

Fundraising and Idea Sharing System

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Fundraising and Idea Sharing System

Introduction

Raising capital is important for businesses as a scarcity of funds may pose liquidity and working capital challenges which may endanger the survival of the business. With a sudden shift in technology, several business models have become obsolete while increasing the demand for fundraising to revamp their businesses and work towards sustainable growth of the organization.

Raising a fund can prove to be a lengthy and tiresome process if you don't have a core competency in the same. While directors/CEOs have strong business acumen in product development and business management, and Investment Banker possesses expertise in financial advisory and fundraising activities.

Funding website can help the business plan the fundraising process by removing glitches from the path of success. This is the platform to connect investors and entrepreneurs. Our vision is simple - no ideas should die due to lack of investment. Ideas does not carry much weightage, there are thousands of ideas floating here and there with zero value until someone with guts and competency comes forward and execute that idea. Here you can build contact to the different startup founders or investors or with the people having creative ideas but looking for the team to convert it into a prototype.

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1.1 Overview

Starting a new business is super-exciting but, at the same time, it is real pain in the neck for an entrepreneur.

This box includes so many ‘How’s?’

- How does this business work?
- How can I stand out among competitors?
- How to find reliable and experienced developers and build up the team?
- How to raise funds? And many more..

We will build a funding website that tackles the most common challenges: establishing trust, providing security, elbowing through tough competition and many more.

Through this platform, anyone can support any project, become a contributor to a good deed, or they can invest in a promising young business. This platform will work on people who network and contribute collectively for a business idea.

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1.2 Background and Motivation

Opportunities are a core construct in the field of entrepreneurship. Despite recent advances suggesting the separation of ideas from opportunities, the field still suffers from conceptual deficiencies.

Crowdfunding was a breakthrough for startups and charity organizations that had struggled to attract the attention of investors. Today, anyone can support any project, become a contributor to a good deed, or they can invest in a promising young business.

Let's get an overview of the current situation in the crowd funding business. The year 2020 has been a challenging period for the economies of all countries in all spheres. It could persuade many entrepreneurs not to begin their startup due to instability in the world. Besides the pandemic and global crisis, funding platforms have their own difficulties. We will build a funding website that tackles the most common challenges: establishing trust, providing security, elbowing through tough competition and many more.

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1.3 Problem Statement and Objectives

The problem which most of Indian citizens are facing that no availability of a platform on which they can share their ideas and take them to next level upto funding and launch them for better future. Many ideas would just stay ideas without the necessary funding. However, it's not easy to attract investors who would give money to a stranger with a prototype of a product in hand.

The year 2020 has been a challenging period for the economies of all countries in all spheres. It could persuade many entrepreneurs not to begin their startup due to instability in the world. The exciting thing is that the funding business seems to be humming along doing more business than ever.

The aim of this research is to build a web site that helps students make a better career choice, with the following objectives.

- i. To explore the problems encountered by the existing system.
- ii. To design a web system that will improve upon the existing System.
- iii. To implement a web based application that will provide opportunity to any person who has a business idea, charity, or personal need may start a funding campaign by posting the project description, business plan, and photos of the future product on the platform. Backers decide to invest in the project if they find it worthy.

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1.4 Scope of the Project

Scope believes in creating an enabling space where people can truly realize their potential and grow. Being an extremely new concept, the Indian population still has not widely accepted **online funding**. The Indian market industry still does not take kindly to online investments & fundraising, which raises a great concern for prospective entrepreneurs. Another reason that slows the growth of online funding in India, as compared to other nations, is that the government is yet to take a stance on the concept of online fundraising.

Despite the initial challenges, the future of funding in India is undoubtedly bright. Without a doubt, online funding in India is looked upon as a key factor in raising funds for startups and new ventures. The US and other countries have already started implementing laws and regulations for this function effectively. There are no serious concerns if India brings online funding under the legal scrutiny.

After all, an efficient and the all-inclusive online funding system is about to play a catalytic role in bringing startup ideas into reality. Moreover, entrepreneurs and startups should not shy away from using online funding models as an essential means of raising capital. Online funding is a new and still evolving phenomenon.

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Through a simple click of button, people are able to share their ideas , connect with people globally, build-up the team, are able to share the difficulties and challenges faced, and hope to raise the funds required for their ideas to convert it into prototype and many more. This is where online funding will step in and will gain importance.

Online funding is fast growing in India and with the legal framework in place might just be the next big thing in the start-up sector. Online funding and idea sharing is now rapidly being seen as a new and innovative way of fundraising for start-ups and even small business. these fund raisings will help in quick increase of start-ups in India



Fundraising and Idea Sharing System

1.5 Team Organization

Priyanshi Gupta - Along with doing preliminary investigation and understanding the limitations of current system and end goal of the project. I worked on the implementation logic for the project objective and designing of some internal functionalities like sending mail with PHPMailer and SMTP is done by me. Documentation is also a part of work done by me.

Sakshi Goyal - The problem statement of this project as well as the solution of the problem has been proposed by me. Also I've contributed my part in deciding the functional and non-functional requirements of the system which will make this web application more effective and useful to the current generation students who want to start their career as an entrepreneur.

Tanmay Jain - I studied about the topic and its scope. I have decided the functionalities included in the project. I worked on Front end design of dynamic web pages. I worked on the splash page and designed the layout as to how it will appear to the potential users. I have contributed in the documentation part also.

Tarv Gupta - I have studied about the topic and research for the same. I played an important role in designing the functionalities of the project. I've contributed in designing the user interface of the website and also I have contributed in the documentation.

Vikash Singh - I have worked with MYSQL (Maria DB) database I have created SQL queries to access, alter, store data to database. I used JQuery to fetch data from database asynchronously which made website responsive. Along with this I worked on the implementation of major functionalities in PHP.

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1.6 Report Structure

The project ***Fundraising and Idea Sharing System*** is primarily concerned with **providing funding and also strengthens an individual's start-up idea** and whole project report is categorized into five chapters.

Chapter 1: Introduction- introduces the background of the problem followed by rationale for the project undertaken. The chapter describes the objectives, scope and applications of the project. Further, the chapter gives the details of team members and their contribution in development of project which is then subsequently ended with report outline.

Chapter 2: Review of Literature- explores the work done in the area of Project undertaken and discusses the limitations of existing system and highlights the issues and challenges of project area. The chapter finally ends up with the requirement identification for present project work based on findings drawn from reviewed literature and end user interactions.

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Chapter 3: Proposed System - starts with the project proposal based on requirement identified, followed by benefits of the project. The chapter also Illustrate software engineering paradigm used along with different design representation. The chapter also includes block diagram and details of major modules of the project. Chapter also gives insights of different type of feasibility study carried out for the project undertaken. Later it gives details of the different deployment requirements for the developed project.

Chapter 4: Implementation - includes the details of different Programming Languages used in developing the Project. The chapter also includes the different user interface designed in project along with their functionality. Further it discuss the experiment results along with testing of the project. The chapter ends with evaluation of project on different parameters like accuracy and efficiency.

Chapter 5: Conclusion - Concludes with objective wise analysis of results and limitation of present work which is then followed by suggestions and recommendations for further improvement.

Fundraising and Idea Sharing System

Review of Literature

This project will be beneficial to the society at large, but more specifically to the start-up founders, entrepreneurs and investors.

At its core, this funding platform is a two-sided marketplace: fundraisers, or creators on one side, and donors or backers on the other side. The platform provides a virtual space for interaction between them.

2.1 Preliminary Investigation

2.1.1 Current System

The analysis of the existing system is divided into two parts:

- i. The analysis of the offline system.
- ii. Analysis of the few existing online funding websites.
- Analysis of the Manual/offline System.

In analyzing the area of funding and pitching from the general view, we will see that or deduce that its goal is basically to provide funds to the start-ups and help to grow their business. In most cases, the eligibility criteria is that founders must have planned their start-up idea and come-up with the market ready prototype. But the main limitation here is what if a person has just a innovative idea and no team associated with it, no idea of the market strategy, How the idea will convert into real business. That idea is just an idea and investors normally do not get ready for an unplanned start-up idea.

Fundraising and Idea Sharing System

- Analysis of existing online funding website

In analyzing the area of funding from the online website, we will see that there are some limitations.

2.2 Limitation of Current System

S. no.	Existing System	Features	Limitation
1.	Startups.com	Provide education and tools to walk aspiring founders through the entire startup process: including education, business planning, mentorship, customer acquisition, funding, and staffing.	➤ Completely paid. ➤ No signup login without subscription. ➤ Don't connect directly with the investor or other startup founder.
2.	Letsventure.com	Trusted investors. Efficient UI. Provide funding in organized way with structured details.	➤ Accept registered Ideas only. ➤ Can not share idea publically ➤ Not for basic idea

Fundraising and Idea Sharing System

2.3 Requirement Identification and Analysis

Many ideas would just stay ideas without the necessary funding. However, it's not easy to attract investors who would give money to a stranger with a prototype of a product in hand. Online funding has opened a golden opportunity for startups and innovators who struggle to get financing. The first thing a funding website needs to decide is what type of funding it wants to use.

To build a funding website that tackles the most common challenges:

Establishing Trust: An essential piece of any online marketplace is the trust it creates between strangers. The platform needs to help its users build faith in its projects. Combating money laundering and fraud is an important task of banking and financial institutions, and online funding is not an exception.

To increase its trustworthiness, the platform should verify its users' identity and financial status

Providing Security: Project founders and backers experience risks when dealing with a virtual space such as a funding platform. It is assumed that the website provides total security of data To protect their clients, the platform should encrypt the user's data and remind their users to change passwords and update their software.

Fundraising and Idea Sharing System

This section outlines Functional and Non-Functional requirements of the system.

Functional Requirements

These requirements define the capabilities and functions that the implemented system must have in order to achieve its intended purpose. It includes a set of inputs, behavior and outputs in line with the objectives of the study. They include

- **Registration-** Users can register themselves.
- **Login and Logout** – To gain access to the web application users and experts must login using username and password. They need to logout in order to exit the system.
- **Verification-** Users can verify themselves via mail.
- **Edit profile** – A fundraiser or Investor can view and edit their own personal profile stored in the database.
- **Post Ideas-** A fundraiser can post ideas and view them in the feed.
- **Manage Post-** A fundraiser can edit, update and delete the posted ideas.
- **View Ideas-** Users can view the publically posted ideas in their feed .
- **Show Interest** – User can show interested in the posted ideas and get notified for the same.
- **Follow User-** One user can follow multiple another user's account.
- **Visit Profile-** Any user can visit the profile of another user.
- **Raise Complaint-** Both Fundraiser and Investors can raise complaints against each other.

Fundraising and Idea Sharing System

Non-functional Requirements

These requirements that specify the criteria used to judge the operation of the system. They were constructed in agreement with functional requirements that define specific behavior and functions. They include:

- Usability – the system interface is easy to use.
- Reliability and availability – the system is reliable and always available to perform tasks requested by the user.
- Scalability – the system is able to adopt additional functionalities. Additional data is easy to incorporate.
- Integrity – the system being data oriented, it ensures that the data analyzed and stored is not altered or corrupted.
- Performance – the system has an acceptable response time while performing its functions.
- Security – The system allows only authorized users to use its functionalities.

Fundraising and Idea Sharing System

2.3.1 Conclusion

The responsibilities in traditional and online funding do not differ. practitioners should comply with all applicable laws and governmental regulations, professional regulations, standards and ethical procedures. Their main obligations are to help clients, not cause distress.

This chapter explored the current state of literature in the newly emerging field of funding. This online funding vehicle allows small businesses to raise small to modest amounts of money – via Internet platforms – from a large ‘crowd’ of individual members of the public. Each user can connect globally to the people and convert their dreams into reality.

Online funding is in nascent stage in India. It will take time to increase the awareness and change the mindset of people. In a way it is not a new concept in India. After all, an efficient and the all-inclusive funding system is about to play a catalytic role in bringing startup ideas into reality.

Fundraising and Idea Sharing System

Proposed System

3.1 The Proposal

The system of ours includes two major components, one for posting a basic start-up idea and build up the team to convert that idea into a planned start-up and the other for providing funds to the market ready start-up ideas by connecting people with the investors. The user will be able to interface with the system and registered users can post their ideas and connect with the people specifically the entrepreneurs who can help to grow their business.

At its core, this platform is a two-sided marketplace: fundraisers, or creators on one side, and donors or backers on the other side where features are delineated for fundraisers, and for investors. The platform provides a virtual space for interaction between them.

The idea behind designing such a system is to provide the users a one-stop solution to every challenge faced by a start-up to grow. Compared to earlier times when there were very few options available to the start-up, today there are a number of good remunerative options available for them. System is divided into two modules:

- i Fundraiser:** The Fundraiser will be able to access all the features of the system and connect with the people and raise funds.
- ii Investors:** The Investors will be able to access all the features of the system and find the best start-up to invest their money.

Fundraising and Idea Sharing System

3.2 Benefits of the Proposed System

In light of the limitations stated above, it is expedient that an online funding and idea sharing platform be made available for the entrepreneurs.

Here are some of the advantages:

- Raw idea and ventures get attraction on social media.
- Ventures finds investors and people ready to fund.
- Startups and small businesses can display their ideas or products or services to a larger number of people.
- Startups not have to invest quite a lot in hiring a good and efficient team.
- Also, startups ideas get general feedbacks and suggestions about the ideas and people can also get cleared about their idea is worthy or not to work with it further.
- Funding platforms work on online bases which help in inducing mass awareness and encouraging participation.



Fundraising and Idea Sharing System

3.3 Feasibility Study

A feasibility study is an analysis of how successfully a system can be implemented, accounting for factors that affect it such as economic, technical and operational factors to determine its potential positive and negative outcomes before investing a considerable amount of time and money into it.

We proposed our perception of the application, in accordance with the problems of existing system by making a full layout of the system on paper. We tallied the problems and needs of existing application too. Different types of feasibility study:

3.3.1 Technical

Technical feasibility is the process of validating the technology assumptions, architecture and design of a product or project. As the software used (Xampp 7.4.3) is an open source platforms, no cost is used to develop the project. All the plugins and modules used are also open source.

3.3.2 Economical

For fundraising and idea sharing website, there is a need of a high speed Internet Connectivity.

Since the system is a web application , a web browser is required to run it.

Fundraising and Idea Sharing System

3.4 Design Representation

3.4.1 ER Diagram

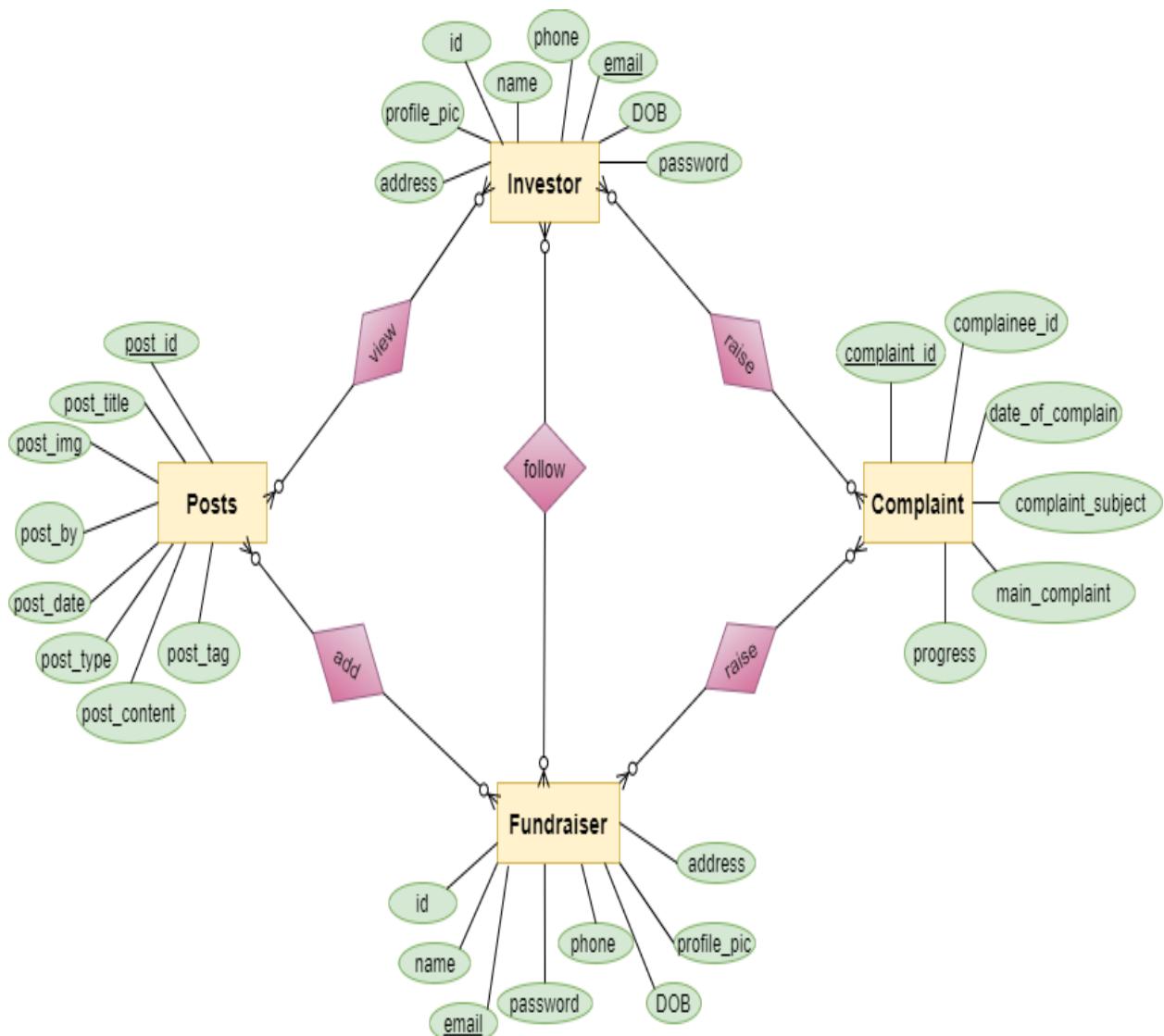


Fig 3.4.1

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3.4.2 Class Diagram

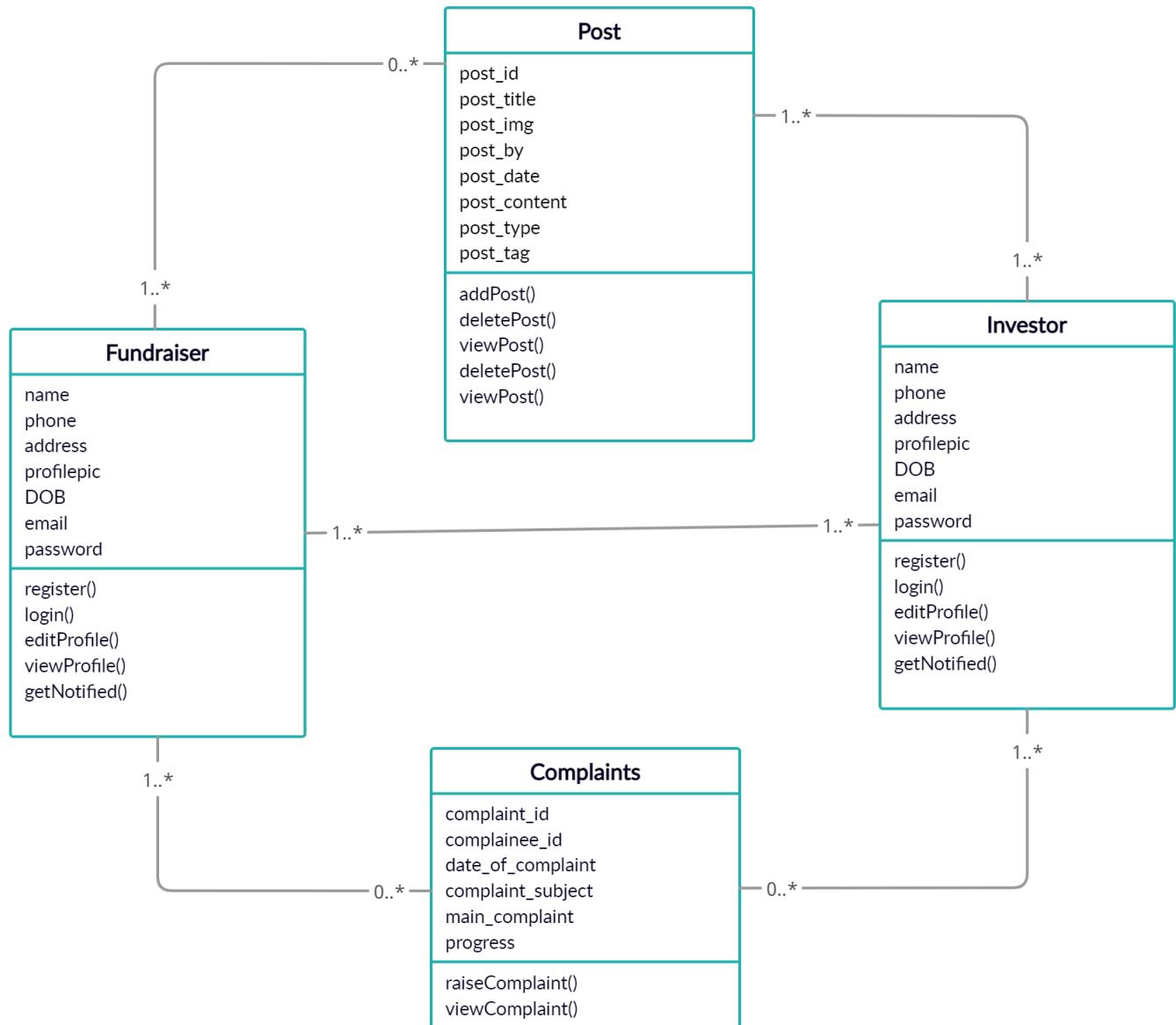


Fig 3.4.2

Fundraising and Idea Sharing System

3.4.3 Use Case Diagram



Fig 3.4.3

Fundraising and Idea Sharing System

3.4.4 User Activity Diagram

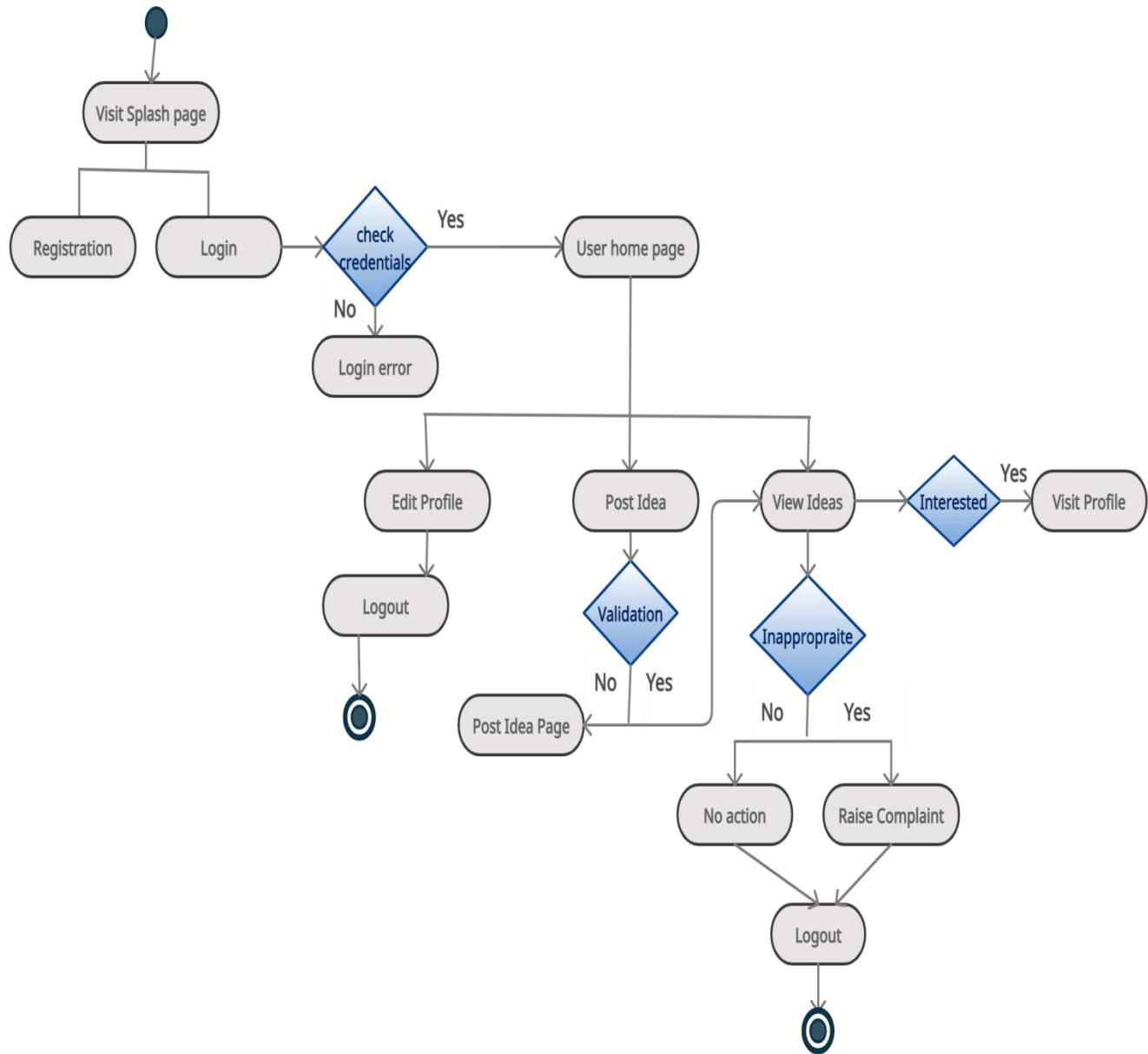


Fig 3.4.4

Fundraising and Idea Sharing System

3.4.5 Zero level Data Flow Diagram



Fig 3.4.5

3.4.6 First level Data Flow Diagram

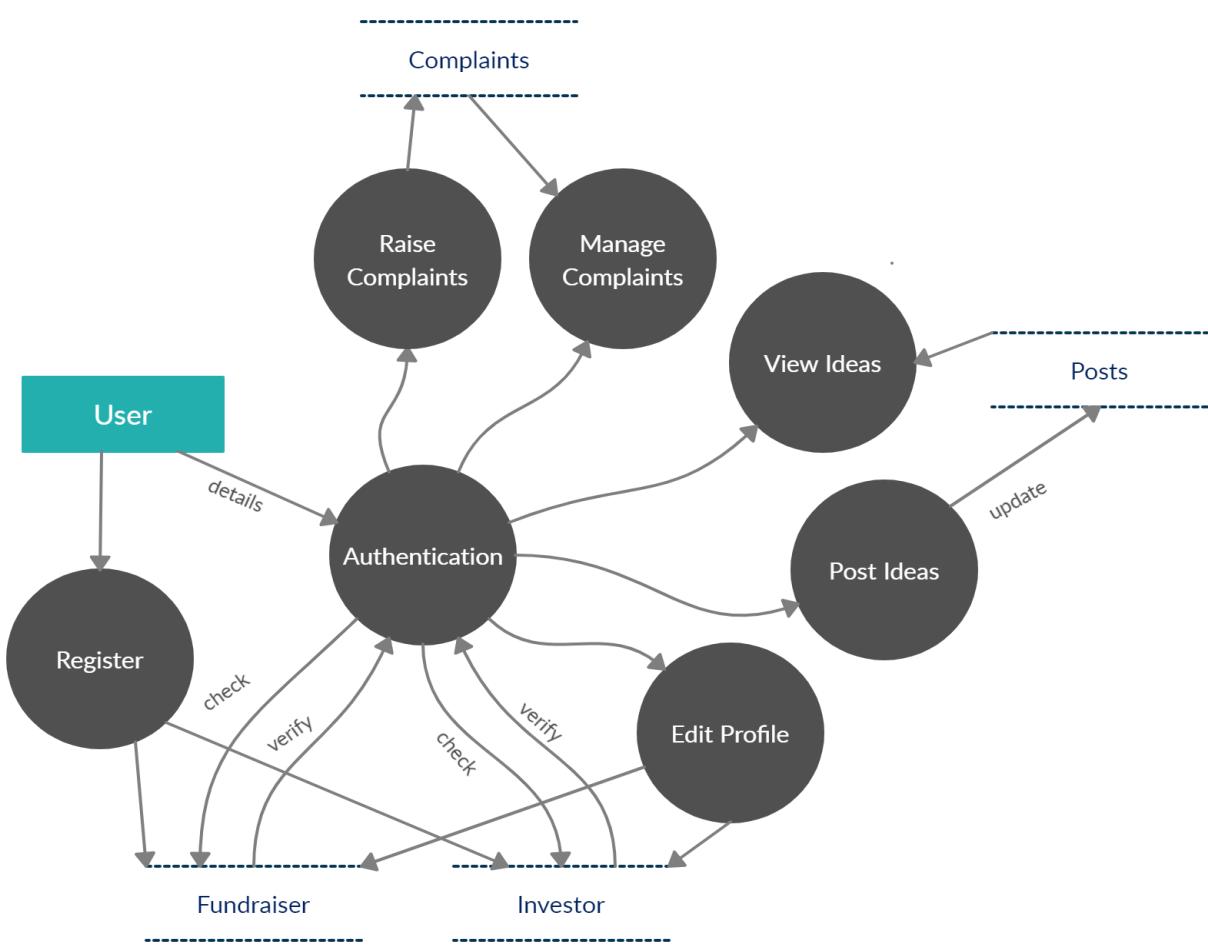


Fig 3.4.6

Fundraising and Idea Sharing System

3.5 Deployment Requirements

There are various requirements (hardware, software and services) to successfully deploy the system. These are mentioned below :

3.5.1 Hardware

- **Computer** - 4 GHz minimum, multi-core processor
- **Memory (RAM)** - At least 4GB, preferably higher
- **Hard disk space** - At least 10 GB

3.5.2 Software

- Operating System(Windows 10)
- Xampp server
- Web Browser

Fundraising and Idea Sharing System

Implementation

HTML (Hyper Text Markup Language) and the page layout and design done with CSS (cascade style sheet). The user will interact with the system by clicking on menus and hyperlinks. In this application, user can register and login, post their ideas, manage profile and view publically posted ideas and visit other users' profiles. Investors can simply register and login ,view ideas and show interest in them and connect personally. Both Fundraiser and Investor can raise complaints against each other.

4.1 Language Used

- PHP
- HTML
- CSS
- JavaScript

Fundraising and Idea Sharing System

4.2 Screenshots

➤ Splash page

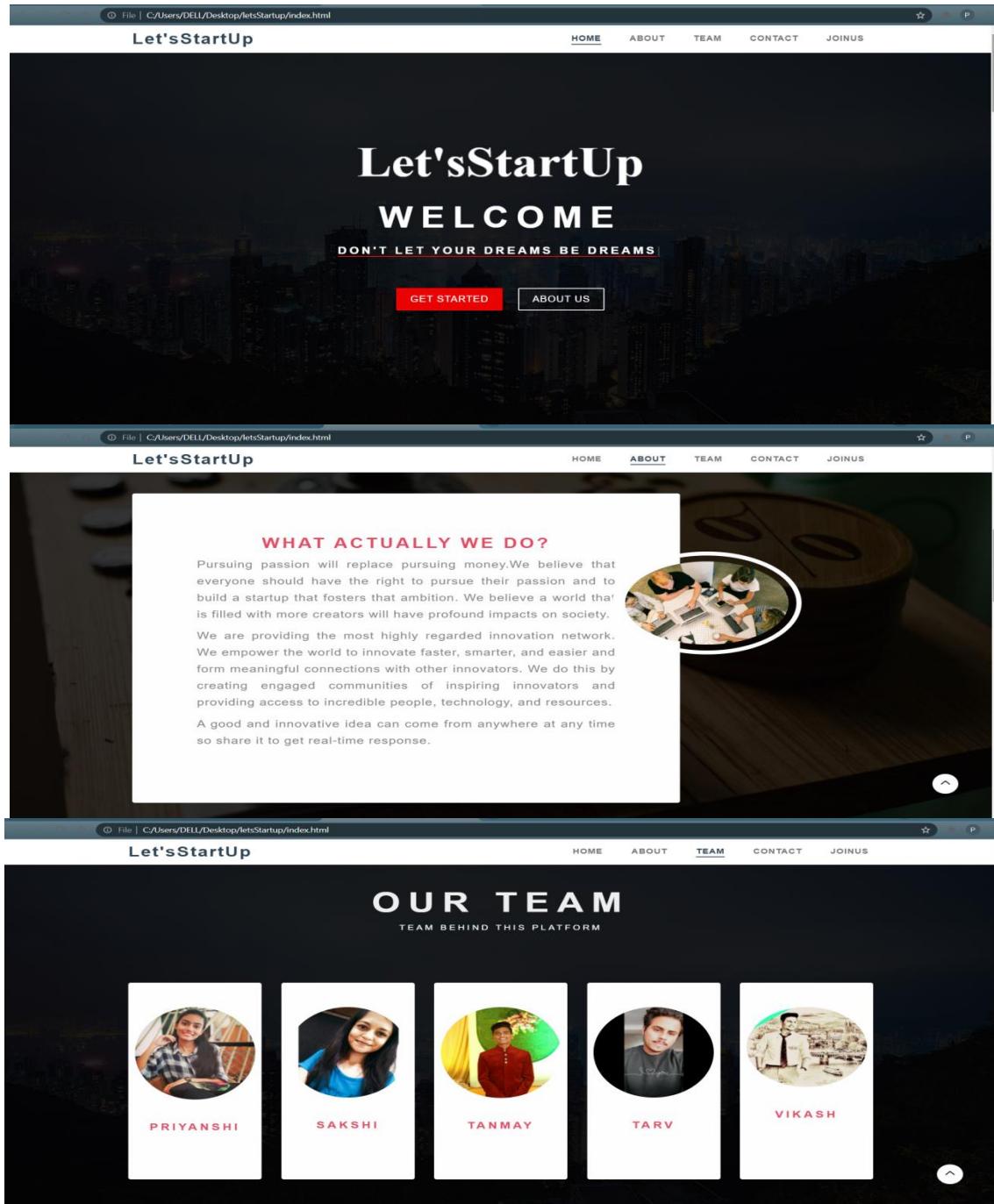


Fig 4.2

Fundraising and Idea Sharing System

4.2.1 FUNDRAISER MODULE

- Signup

The screenshot shows the 'Let'sStartUp' website's signup page. At the top, there is a placeholder circular profile picture with the text 'Choose Profile' below it. Below this, there are several input fields: 'Full Name' (Priyanshi Gupta), 'Email' (priyanshiguptait18@acropolis.in) with a checkmark indicating availability, 'Contact No.' (6235656896), 'Where Do You Live' (Indore), 'Linked-in URL' (https://linked.in/in/priyanshi), 'Date Of Birth' (16-09-2000), 'Gender' (M), 'Fundraise/Investor' (F), and a large blue 'Signup' button at the bottom.

Fig 4.2.1(a)

This screenshot shows the same 'Let'sStartUp' website after a successful signup. The browser title bar indicates 'User Signup' and the URL 'localhost/LetStartUp_f/signup.php?signup=success'. The page displays a green success message: 'Successfull, Please check your mail for the password.' Below this, the 'Signup Form' fields are identical to Fig 4.2.1(a), including the placeholder profile picture, input fields for name, email, contact, location, linked-in URL, date of birth, gender, and fundraising/investing status, along with the 'Signup' button.

Fig 4.2.1(b)

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- Verification through mail

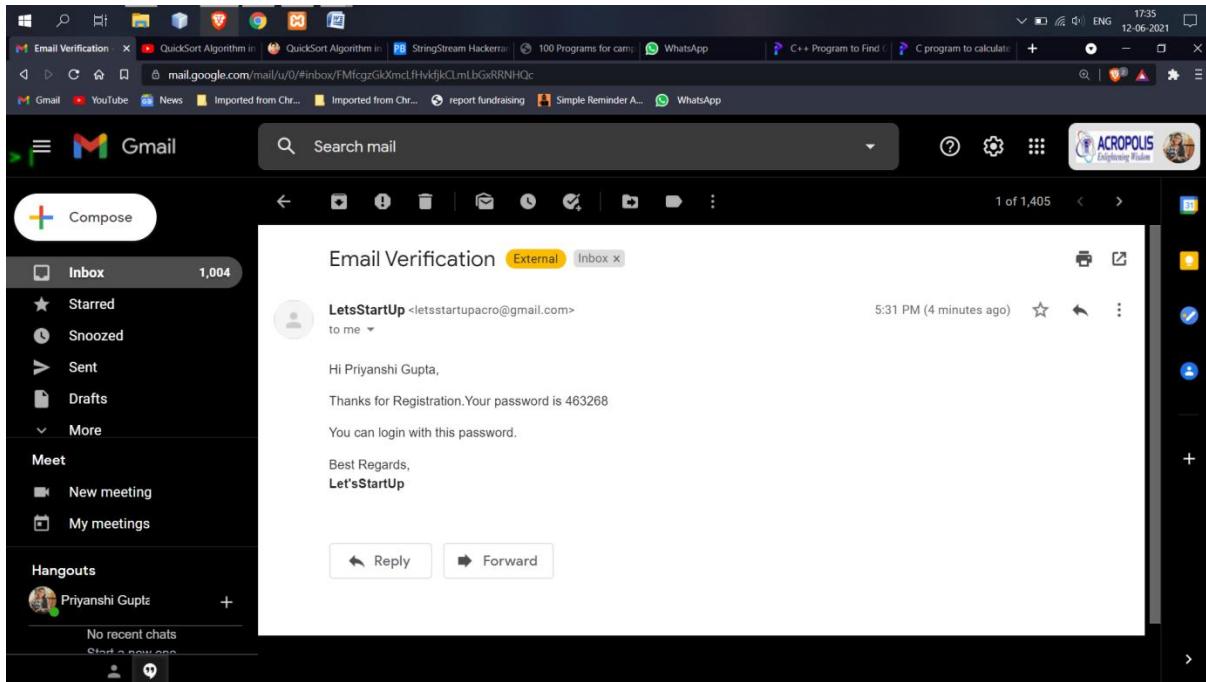


Fig 4.2.1(c)

- Login

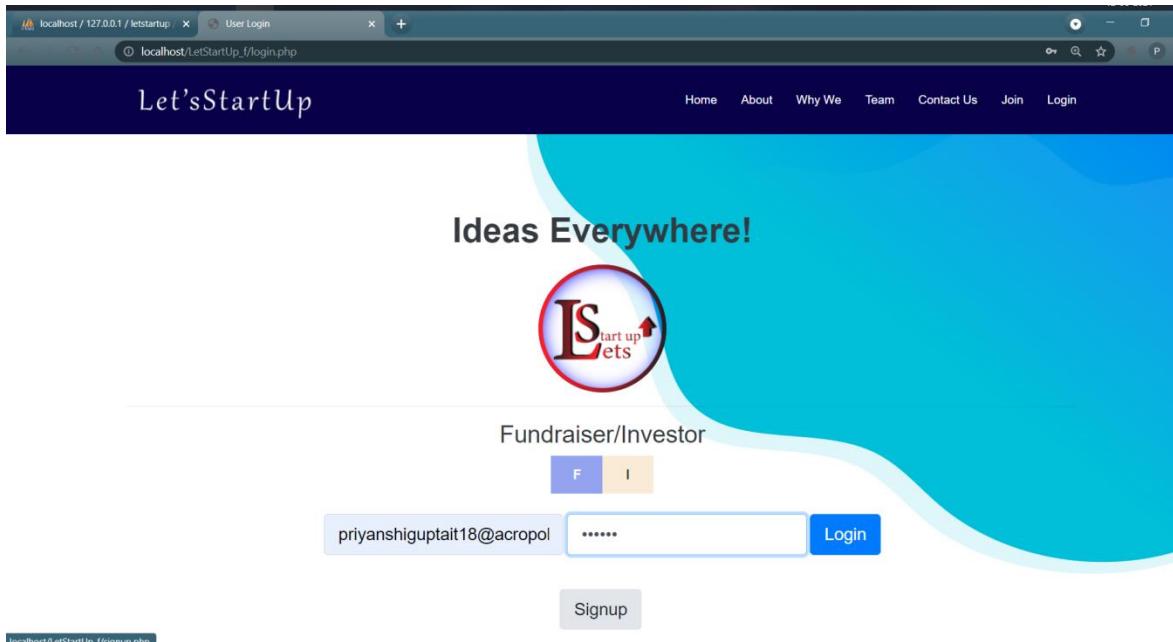


Fig 4.2.1(d)

Fundraising and Idea Sharing System

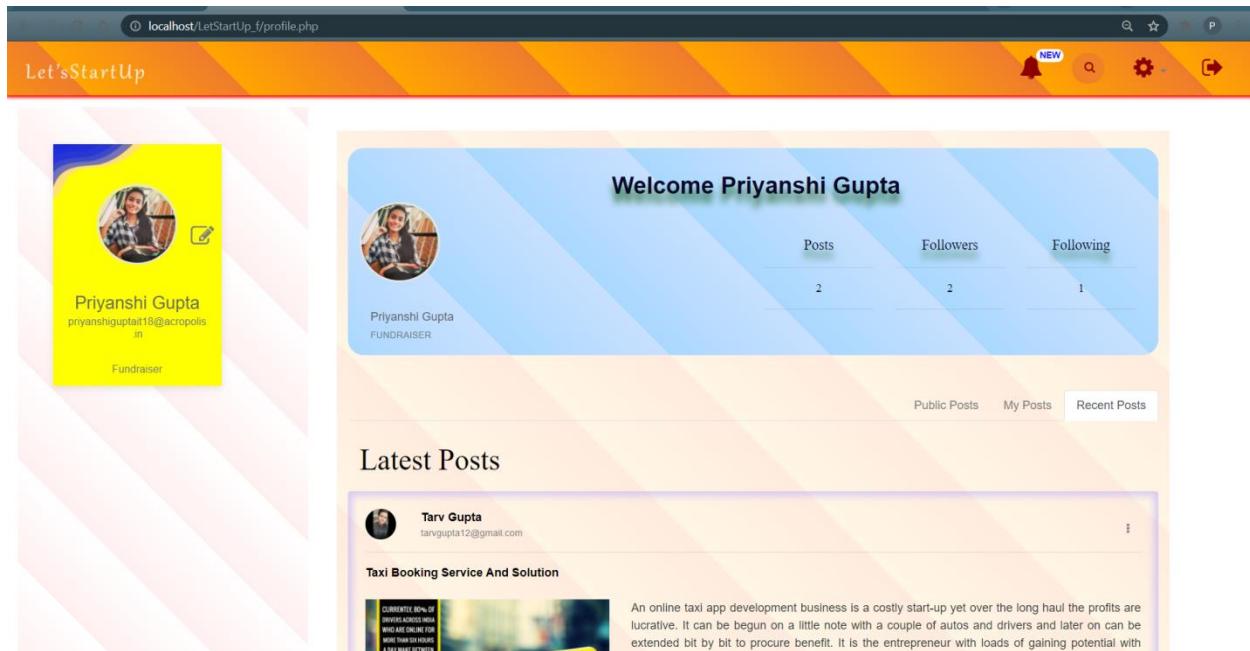


Fig 4.2.1(e)

- **Edit Profile**

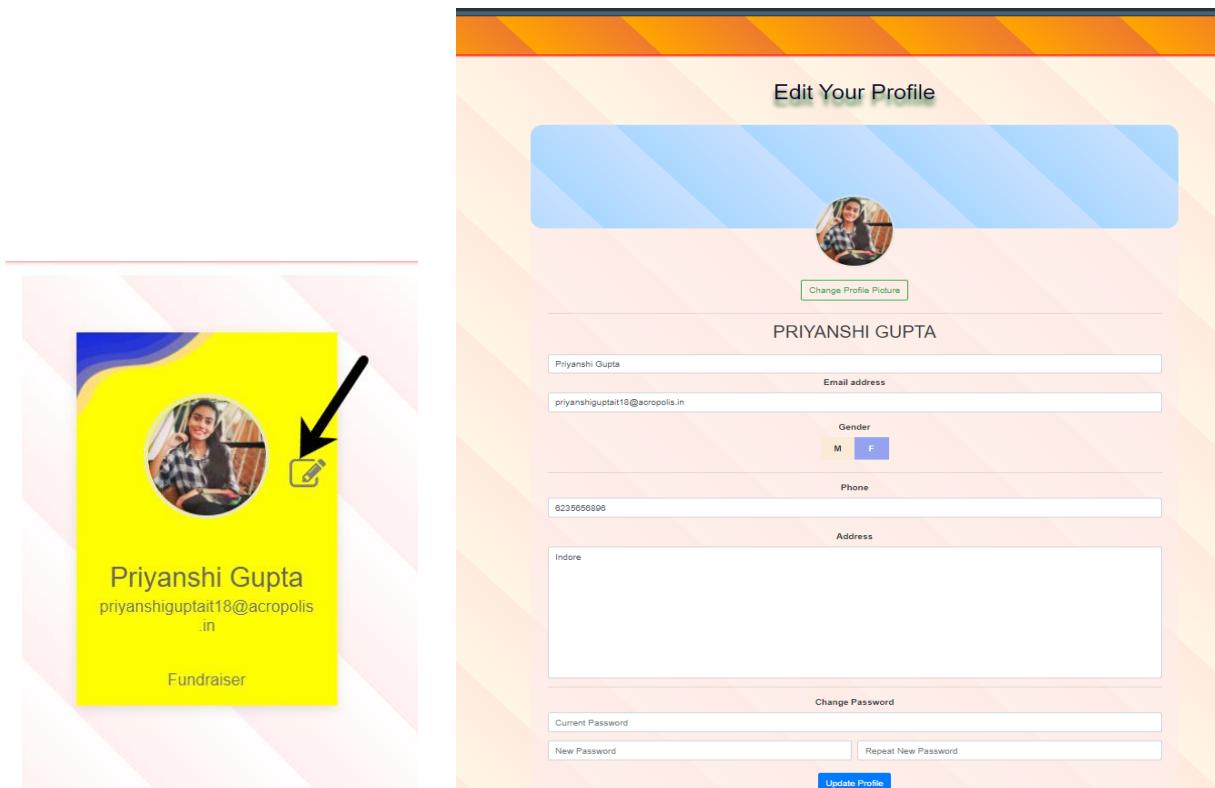
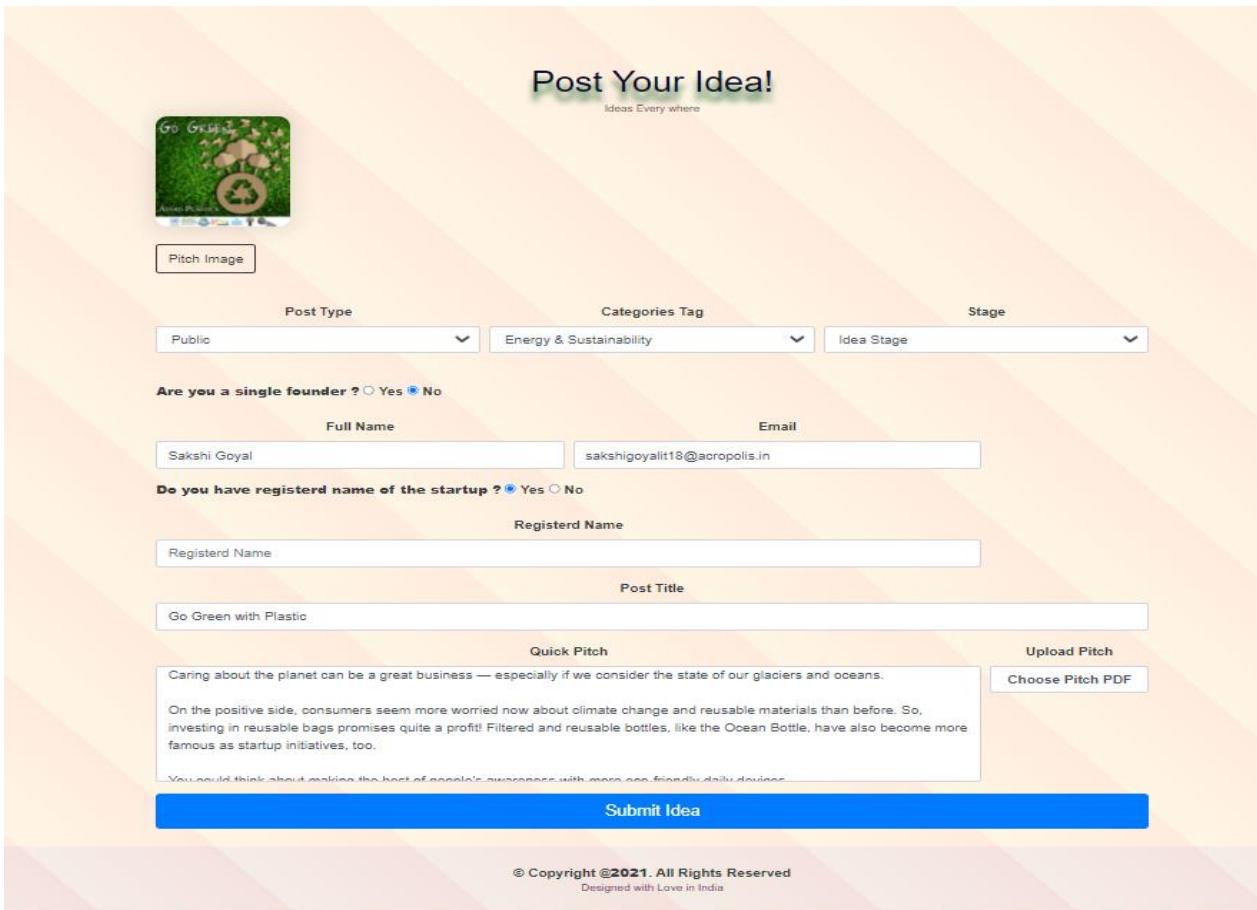


Fig 4.2.1(f)

Fundraising and Idea Sharing System

- Post Idea



The screenshot shows a web-based application for posting ideas. At the top, there's a logo for "Go Green with Plastic" featuring a recycling symbol and a small tree. Below it is a button labeled "Pitch Image". The main title "Post Your Idea!" is centered above a sub-header "Ideas Every where".

Below the title, there are three dropdown menus: "Post Type" (set to "Public"), "Categories Tag" (set to "Energy & Sustainability"), and "Stage" (set to "Idea Stage").

A question "Are you a single founder ?" has two radio button options: "Yes" (selected) and "No".

Input fields for "Full Name" (Sakshi Goyal) and "Email" (sakshigoyal18@acropolis.in) are present.

A question "Do you have registered name of the startup ?" has two radio button options: "Yes" (selected) and "No".

An input field for "Registered Name" is shown.

An input field for "Post Title" contains the text "Go Green with Plastic".

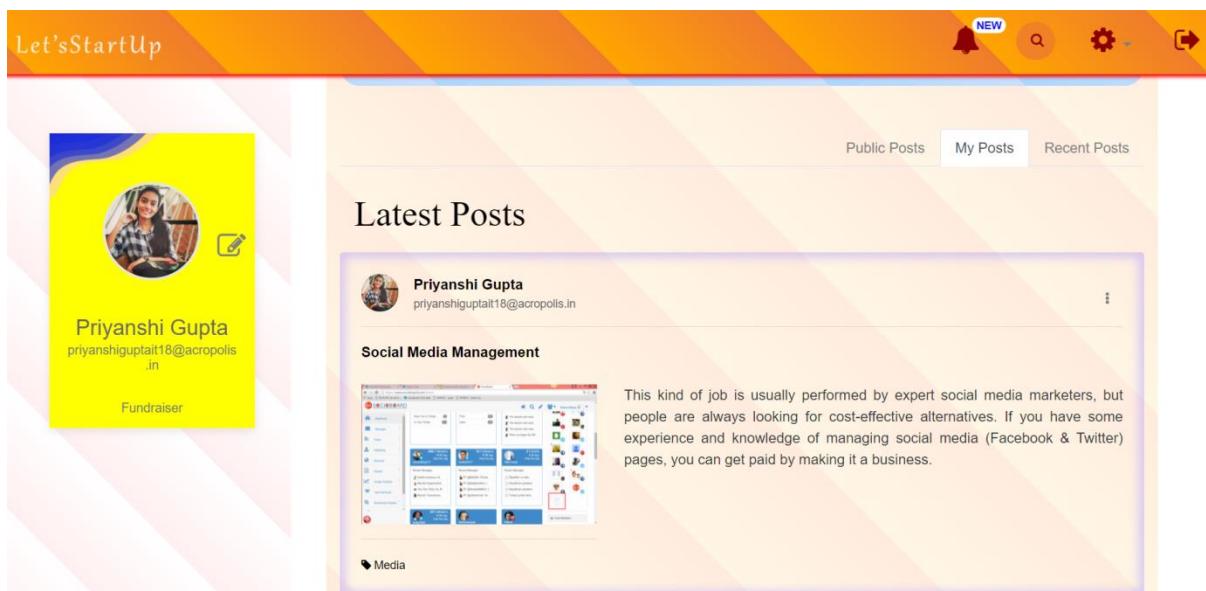
A "Quick Pitch" section contains the following text:
Caring about the planet can be a great business — especially if we consider the state of our glaciers and oceans.
On the positive side, consumers seem more worried now about climate change and reusable materials than before. So, investing in reusable bags promises quite a profit! Filtered and reusable bottles, like the Ocean Bottle, have also become more famous as startup initiatives, too.
You could think about making the most of people's awareness with more eco friendly daily devices.

Buttons for "Upload Pitch" and "Choose Pitch PDF" are located on the right side of the pitch area.

A large blue "Submit Idea" button is at the bottom.

At the very bottom, there's a copyright notice: "© Copyright @2021. All Rights Reserved" and "Designed with Love in India".

Fig 4.2.1(g)



The screenshot shows a user profile page on the "Let'sStartUp" platform. The header features the platform's logo and navigation icons for "NEW", "Bell", "Search", "Settings", and "Logout".

The left sidebar displays a circular profile picture of Priyanshi Gupta, her name, email (priyanshiguptait18@acropolis.in), and the role "Fundraiser".

The main content area is titled "Latest Posts". It shows a post by Priyanshi Gupta with the title "Social Media Management". The post includes a screenshot of a software interface for managing multiple social media accounts simultaneously. A caption below the post reads: "This kind of job is usually performed by expert social media marketers, but people are always looking for cost-effective alternatives. If you have some experience and knowledge of managing social media (Facebook & Twitter) pages, you can get paid by making it a business."

Navigation tabs at the top of the main content area include "Public Posts", "My Posts", and "Recent Posts".

Fig 4.2.1(h)

Fundraising and Idea Sharing System

- **Edit Post**

The screenshot shows the Let'sStartUp platform interface. At the top, there is a navigation bar with icons for NEW, search, settings, and sharing. Below the navigation bar, there are tabs for Public Posts, My Posts, and Recent Posts. The main area is titled "Latest Posts". A post by Priyanshi Gupta is displayed, with her profile picture and name. The post title is "Social Media Management" and it includes a small image of a computer screen showing social media management software. There are "Edit Post" and "Delete" buttons at the bottom right of the post card. A black arrow points to the "Edit Post" button.

Fig 4.2.1(i)

- **View All Public Post**

The screenshot shows the Let'sStartUp platform interface. At the top, there is a navigation bar with icons for NEW, search, settings, and sharing. Below the navigation bar, there are tabs for Public Posts, My Posts, and Recent Posts. The main area is titled "Latest Posts". A post by Tanmay Jain is displayed, with his profile picture and name. The post title is "Video Editing" and it includes a bar chart titled "Film and Video Editors and Camera Operators" showing projected percent change in employment from 2012-22. The chart shows that Total, all occupations have a 11% increase, Camera operators, televisions, video, and motion picture have a 6% increase, Film and video editors and camera operators have a 3% increase, and Film and video editors have a 1% increase. There are "Other" and "Interested" buttons at the bottom left and right respectively. A note at the bottom states: "Note: All Occupations include all occupations in the U.S. Economy. Source: U.S. Bureau of Labor Statistics, Employment Projections program."

Fig 4.2.1(j)

Fundraising and Idea Sharing System

- View Posts of Followed Account

The screenshot shows the Let'sStartUp platform interface. At the top, there is a navigation bar with icons for 'NEW', search, settings, and sharing. Below the navigation bar, there are tabs for 'Public Posts', 'My Posts', and 'Recent Posts'. The main area is titled 'Latest Posts' and displays a post from a user named Tarv Gupta. The post is titled 'Taxi Booking Service And Solution' and includes a small image of a taxi sign. The post text discusses the profitability of an online taxi app development business. Below the post, there are two interaction buttons: 'Other' and 'Interested'.

Fig 4.2.1(k)

- Show Interest

The screenshot shows the Let'sStartUp platform interface. A user profile for 'Sakshi Goyal' is visible. Below the profile, there is a post titled 'Team Message App Solution' with a thumbnail image. The post text discusses the need for a business messaging app. Below the post, there are two interaction buttons: 'Communication' and 'Interested'. An arrow points to the 'Interested' button.

Fig 4.2.1(l)

The screenshot shows the Let'sStartUp platform interface. A user profile for 'Sakshi Goyal' is visible. Below the profile, there is a post titled 'Team Message App Solution' with a thumbnail image. The post text discusses the need for a business messaging app. Below the post, there are two interaction buttons: 'Communication' and 'Interested'. The 'Interested' button is highlighted with a black border.

Fig 4.2.1(m)

Fundraising and Idea Sharing System

- Get Notified

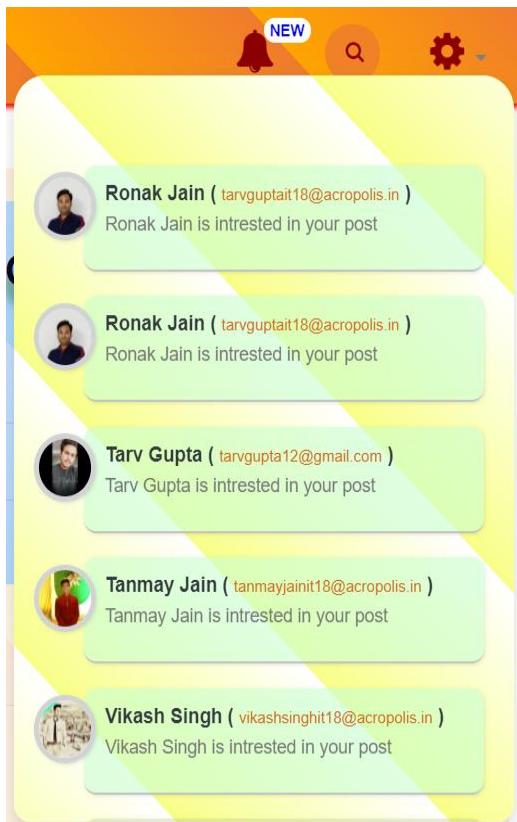


Fig 4.2.1(n)

- Raise Complaint

The image consists of two screenshots of a web-based platform. The top screenshot shows a post by 'Vikash Singh' with the title 'Payment Gateway System'. The post contains a diagram titled 'HOW PAYMENT GATEWAYS WORK' showing a flow from a customer shopping cart to a payment gateway company, and then to a bank. Below the diagram are buttons for 'FinTech' and 'Interested'. To the right of the post is a 'Report' button with a red arrow pointing to it, and a 'Report other' link below it. The text in the post discusses the importance of payment gateways in the modern era. The bottom screenshot shows a 'Complaint' form. It includes fields for 'Report User ID' (vikashsinghit18@acropolis.in), 'Report Post Title' (Payment Gateway System), 'Complaint Title' (with a placeholder 'Complaint Title'), 'Complaint Body' (with a placeholder 'Complaint Body'), and a large blue 'Submit' button at the bottom.

Fig 4.2.1(o)

Fundraising and Idea Sharing System

- Visit Profile

The screenshot shows a user profile for Tanmay Jain. The profile picture is a circular portrait of a man in a red shirt. Below the picture, the name "Tanmay Jain" and the email "tanmayjainit18@acropolis.in" are displayed. A blue "FUNDRAISER" badge is visible. A "Follow" button is at the bottom. To the right, a "Profile Detail" section shows the following information:

Full Name	:	Tanmay Jain
Email	:	tanmayjainit18@acropolis.in
Phone	:	6935689745
LinkedIn	:	https://linkedin.in/in/tanmay07
Address	:	Indore

Below the profile detail, there is a "Recent Posts" section with a "Latest Posts" heading. One post by Tanmay Jain is shown, titled "Video Editing". It includes a bar chart titled "Film and Video Editors and Camera Operators" showing the percentage share of employment from 2012-13 to 2013-14. The chart shows Camera operators & technicians, motion picture, video, and camcorder editors at 6%, Film and video editors and camera operators at 2%, and Other film and video workers at 1%. A note states: "Note: All occupations include all occupations in the U.S. Economy. Source: U.S. Bureau of Labor Statistics, www.bls.gov, www.bls.gov/oes/oes_current.htm". Below the chart are two buttons: "Other" and "Interested".

Fig 4.2.1(p)

The screenshot shows a user profile for Ronak Jain. The profile picture is a circular portrait of a man in a dark shirt. Below the picture, the name "Ronak Jain" and the email "tarvguptait18@acropolis.in" are displayed. A blue "INVESTOR" badge is visible. A "Follow" button is at the bottom. To the right, a "Profile Detail" section shows the following information:

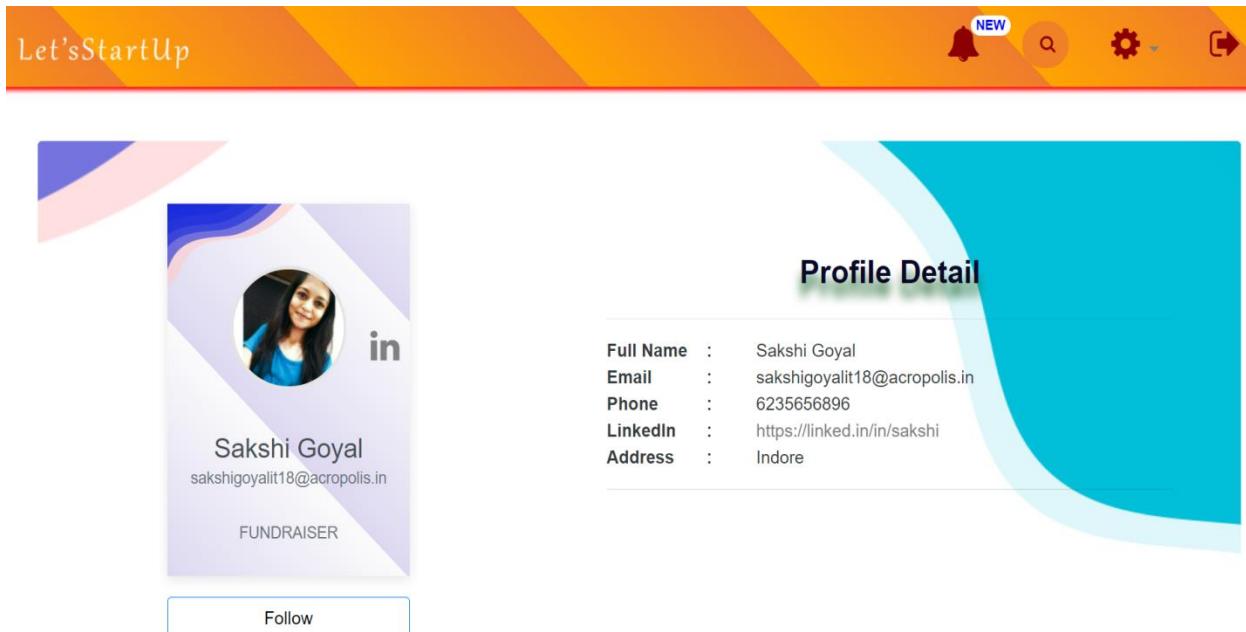
Full Name	:	Ronak Jain
Email	:	tarvguptait18@acropolis.in
Phone	:	6935689745
LinkedIn	:	https://linkedin.in/in/Ronak.Jain
Address	:	Indore

Below the profile detail, there is a section for "Type Of Investment", "Investment Budget", and "Previously Invested".

Fig 4.2.1(q)

Fundraising and Idea Sharing System

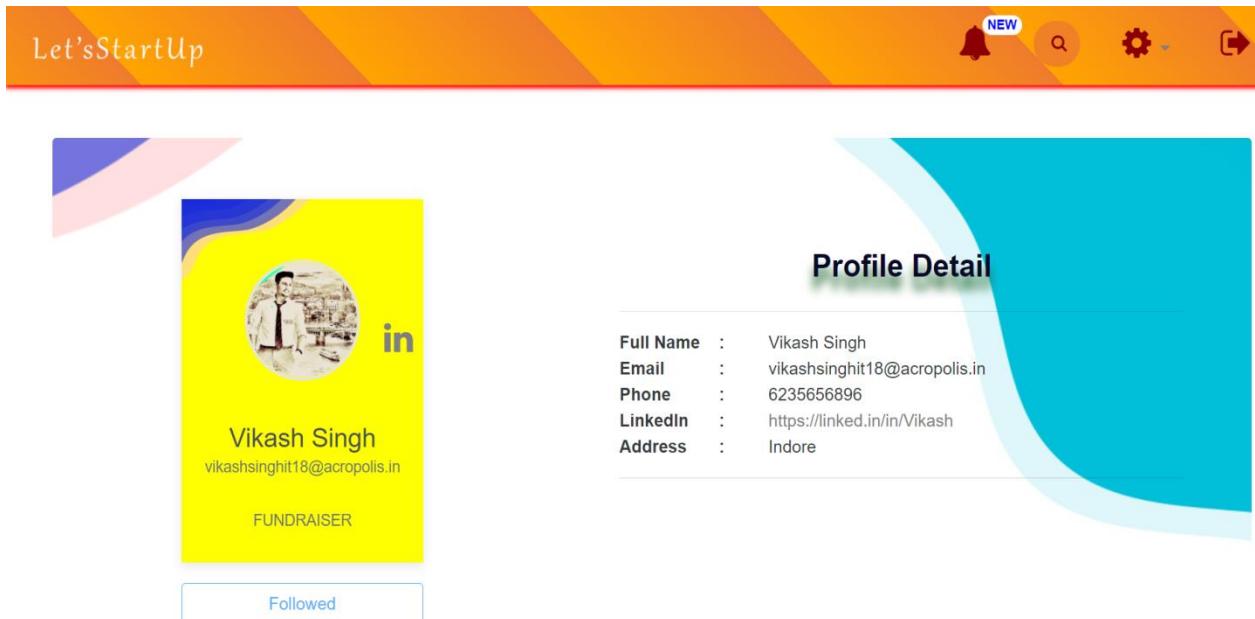
- **Follow Account**



The screenshot shows a profile page for a fundraiser named Sakshi Goyal. At the top, there's a header bar with the 'Let'sStartUp' logo and various navigation icons. Below the header, the profile card features a circular profile picture of a woman, the name 'Sakshi Goyal', her email 'sakshigoyalit18@acropolis.in', and the word 'FUNDRAISER'. A 'Follow' button is located at the bottom of the card. To the right, a 'Profile Detail' section displays the following information:

Full Name	:	Sakshi Goyal
Email	:	sakshigoyalit18@acropolis.in
Phone	:	6235656896
LinkedIn	:	https://linked.in/in/sakshi
Address	:	Indore

Fig 4.2.1(r)



The screenshot shows a profile page for a fundraiser named Vikash Singh. The layout is identical to Fig 4.2.1(r), featuring a header bar with 'Let'sStartUp' and navigation icons. The profile card on the left shows a circular profile picture of a man, the name 'Vikash Singh', his email 'vikashsinghit18@acropolis.in', and the word 'FUNDRAISER'. A 'Followed' button is at the bottom. To the right, a 'Profile Detail' section displays the following information:

Full Name	:	Vikash Singh
Email	:	vikashsinghit18@acropolis.in
Phone	:	6235656896
LinkedIn	:	https://linked.in/in/Vikash
Address	:	Indore

Fig 4.2.1(s)

Fundraising and Idea Sharing System

4.2.2 INVESTOR MODULE

- Signup

Let'sStartUp

Home About Team Contact Us Join Login

Full Name: Ronak Jain Email: gpriyanshi1600@gmail.com ✓ available

Contact No.: 6235656896 Where Do You Live: Indore

Linked-in URL: https://linked.in/in/RonakJain Date Of Birth: 20-06-1989

Gender: M Fundraise/Investor: I

Type Of Investor: Personal Investor Investment Budget For The Year (In Lacs): 50000 Have You Invested Before: Yes

Tell Us Where You Have Invested: Ask Career : Career Guidance Platform

Signup

Fig 4.2.2(a)

- Verification through mail

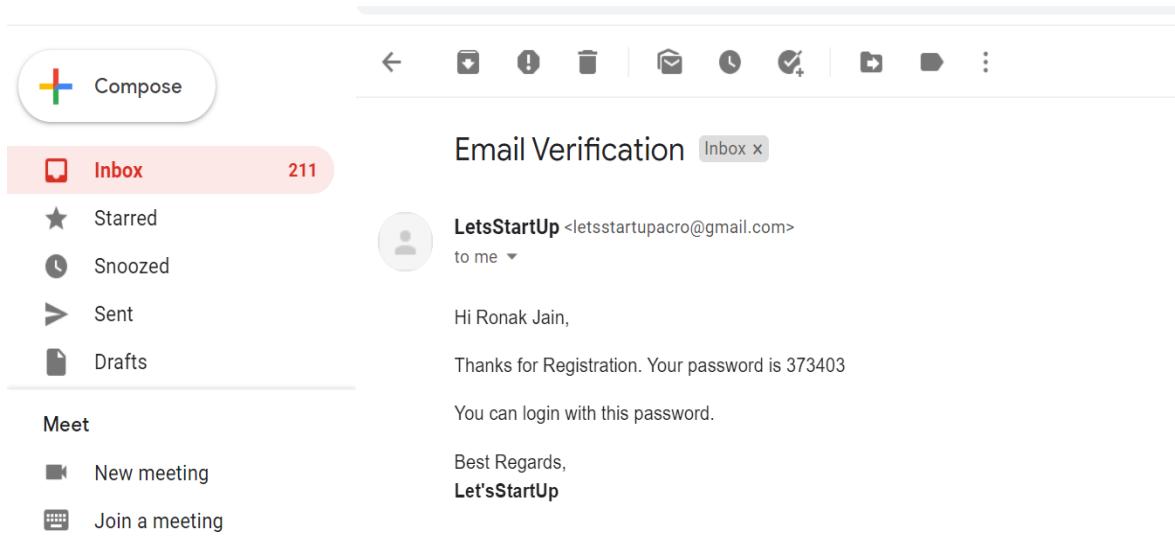


Fig 4.2.2(b)

Fundraising and Idea Sharing System

- **Login**

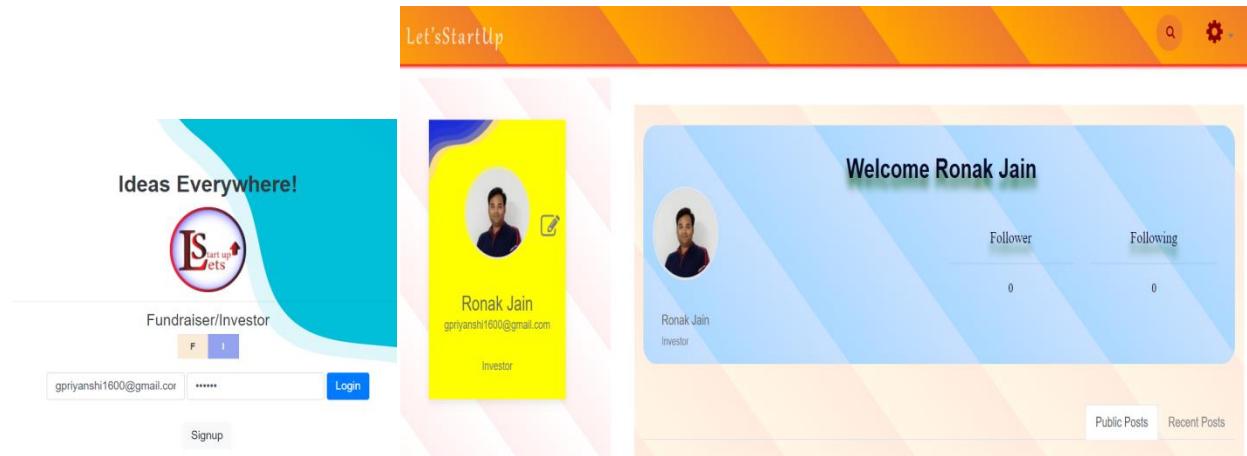


Fig 4.2.2(c)

- **Edit Profile**

The image shows the 'Edit Your Profile' page. At the top is a placeholder for a profile picture with a 'Change Profile Picture' button. Below it is the user's name 'RONAK JAIN'. The form includes fields for 'Email address' (gpriyanshi1600@gmail.com), 'Gender' (set to 'M'), 'Phone' (0235656898), and 'Address' (Indore). At the bottom are buttons for 'Change Password' and 'Update Profile'.

Fig 4.2.2(d)

Fundraising and Idea Sharing System

- View All Public Post

The screenshot shows the 'Latest Posts' section of the Let'sStartUp platform. At the top, there is a profile card for 'Ronak Jain' (gpriyanshi1600@gmail.com) with the title 'Investor'. Below this, two posts are displayed:

- Vikash Singh** posted about the 'Payment Gateway System'. The post includes a diagram illustrating the payment process: a customer makes a payment to a payment gateway company, which then sends the details to a merchant bank or a net banking firm, which collects the payment from the customer's bank. The post has a caption: "I think at this moment in the age where innovation is progressing at a quicker rate, one ought to have its secured payment gateway. A payment gateway helps us to send money to anybody, anywhere easily and with high-security features. One just requires buying a mobile and a web app that can operate on all operating systems and devices like Android and iOS websites. Here are some example of Payment Gateways: Braintree Sage Pay Authorize.net PaymentExpress TrustCommerce". It also includes a 'FinTech' tag and an 'Interested' button.
- Sakshi Goyal** posted about the 'Team Message App Solution'. The post includes a blue banner with the text 'BEST MESSAGING APP TO'. The caption states: "People in a corporate world require passing on information regarding projects, sharing".

Fig 4.2.2(e)

- View Posts of Followed Account

The screenshot shows the 'Latest Posts' section for followed accounts. At the top, there is a profile card for 'Ronak Jain' (gpriyanshi1600@gmail.com) with the title 'Investor'. Below this, one post is displayed:

- Tanmay Jain** posted about 'Video Editing'. The post includes a chart titled 'Film and Video Editors and Camera Operators' showing projected growth in employment from 2012-22:

Occupation	Percent change in employment, projected 2012-22
Total, all occupations	11%
Camera operators, television, video, and motion picture	6%
Film and video editors and camera operators	3%
Film and video editors	1%

The caption states: "Would you like to make your own video editing application yet not certain how to begin? SAGIPL has all the answers for you. You simply prepare yourself for earning money using your editing skills. A truly capable video editor application that won't stamp a watermark or place a timeline on your clasp. Truth be told you can utilize your editing abilities effectively. It will have the capacity to edit your capture videos with a video editing app that must easily operate on Android, iPhone, and other web solutions." It also includes an 'Other' tag and an 'Interested' button.

Fig 4.2.2(f)

Fundraising and Idea Sharing System

- Show Interest

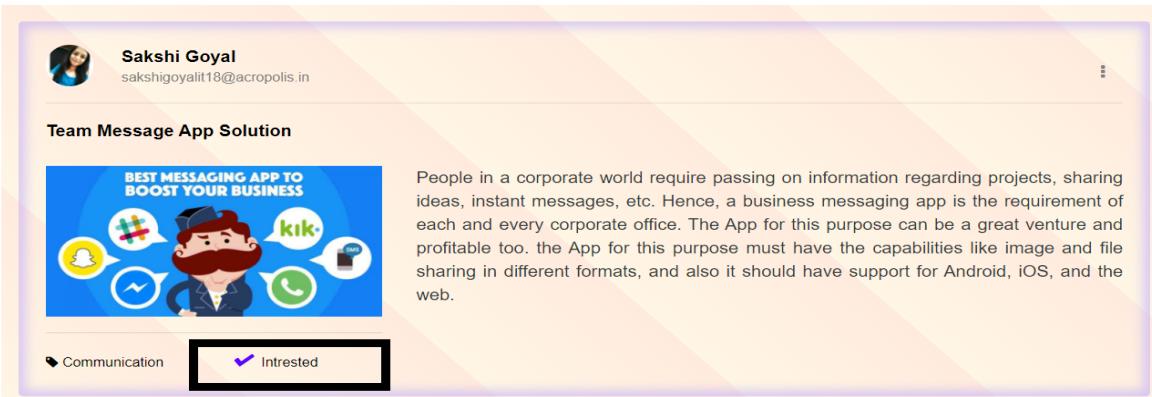
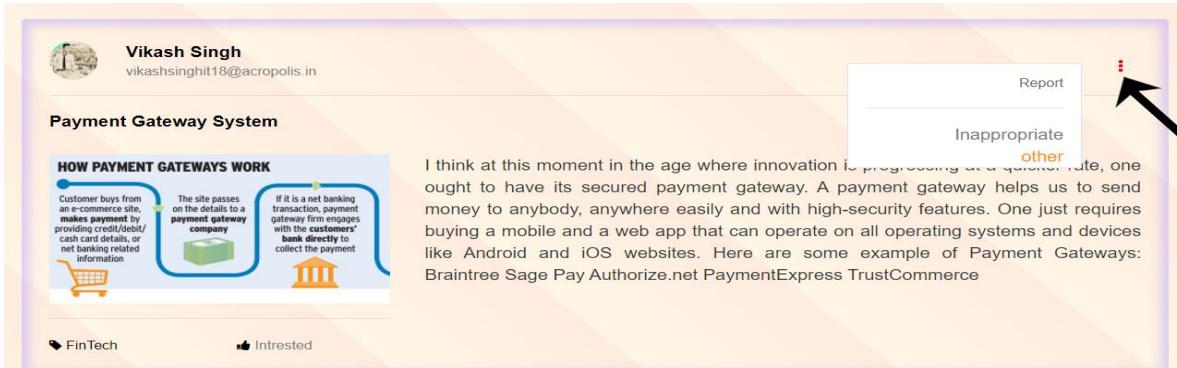


Fig 4.2.1(g)

- Raise Complaint



Complaint

Report User ID : vikashsinghit18@acropolis.in
Report Post Title : Payment Gateway System

Complaint Title

Complaint Title

Complaint Body

Complaint Body

Submit

Fig 4.2.1(h)

Fundraising and Idea Sharing System

- Visit Profile

The screenshot shows a user profile for Tanmay Jain. The profile card includes a circular profile picture, the name "Tanmay Jain", the email "tanmayjainit18@acropolis.in", and the title "FUNDRAISER". Below the card is a "Follow" button. To the right, a "Profile Detail" section displays the following information:

Full Name	:	Tanmay Jain
Email	:	tanmayjainit18@acropolis.in
Phone	:	6935689745
LinkedIn	:	https://linkedin.in/in/tanmay07
Address	:	Indore

Below the profile detail is a "Recent Posts" section with a "Recent Posts" button. Further down is a "Latest Posts" section featuring a post by Tanmay Jain titled "Video Editing". The post includes a chart titled "Film and Video Editors and Camera Operators" showing the percentage share of employment from 2012-13 to 2013-14. The chart data is as follows:

Occupation	Percent share in employment - projected 2013-14
Total all occupations	6%
Cameramen, operators and editors in motion picture and video production	2%
Film and video editors and camera operators	2%
Other	✓ Interested

The post text discusses the potential for making a video editing application and mentions SAGIPL.

Fig 4.2.1(i)

The screenshot shows a user profile for Ronak Jain. The profile card includes a circular profile picture, the name "Ronak Jain", the email "tarvguptait18@acropolis.in", and the title "INVESTOR". Below the card is a "Follow" button. To the right, a "Profile Detail" section displays the following information:

Full Name	:	Ronak Jain
Email	:	tarvguptait18@acropolis.in
Phone	:	6935689745
LinkedIn	:	https://linkedin.in/in/Ronak.Jain
Address	:	Indore

Below the profile detail is a section for "Type Of Investment", "Investment Budget", and "Previously Invested".

Fig 4.2.1(j)

Fundraising and Idea Sharing System

- **Follow Account**

The screenshot shows a web browser window for the URL `localhost/LetStartUp_f/view_profile.php?view-profile_i=tarvgupta12@gmail.com`. The page has a header "Let'sStartUp" and a navigation bar with icons for search, settings, and notifications (with a "NEW" badge). The main content area displays a profile card for "Tarv Gupta" with the email `tarvgupta12@gmail.com` and the title "FUNDRAISER". Below the card is a blue "Follow" button. To the right, a "Profile Detail" section lists the following information:

Full Name	:	Tarv Gupta
Email	:	tarvgupta12@gmail.com
Phone	:	6235656896
LinkedIn	:	https://linked.in/in/tarv
Address	:	Indore

Fig 4.2.1(k)

The screenshot shows a web browser window for the URL `localhost/LetStartUp_f/view_profile.php?view-profile_i=vikashsinghit18@acropolis.in`. The interface is identical to Fig 4.2.1(k), displaying the profile of "Vikash Singh" with the email `vikashsinghit18@acropolis.in` and the title "FUNDRAISER". Below the card is a blue "Followed" button. To the right, a "Profile Detail" section lists the following information:

Full Name	:	Vikash Singh
Email	:	vikashsinghit18@acropolis.in
Phone	:	6235656896
LinkedIn	:	https://linked.in/in/Vikash
Address	:	Indore

Fig 4.2.1(l)

Fundraising and Idea Sharing System

4.3 Testing

4.3.1 Unit Testing

➤ User Login

a. Negative Test Case:

If the user gives the wrong credentials, then a message will be shown saying “You have entered invalid user-id or password!!!” and if the fields are empty then a message will be shown at login id saying “Please fill out this field”.

b. Positive Test Case:

By giving the valid credentials the user can click on the Login button, then the user is authenticated and navigated to their respective home screen.

➤ User Registration

a. Negative Test Case:

Clicking on the Signup button without entering values in any of the fields and trying to register with the application will show a message “Please fill out this field”. The validation is for each text box on the registration page.

Fundraising and Idea Sharing System

b. Positive Test Case:

After successful registration, it will show a message “You have been successfully registered, Password has been sent on your email ID” and navigate the user to the login page. Before registering the user, we will make sure all the fields are validated.

➤ **User Home Page**

a. Negative Test Case:

The data is not shown on the pages and it does not direct to other pages of the application.

b. Positive Test Case:

The user is navigated to other pages and session is also handled.

➤ **Edit Profile**

a. Negative Test Case:

Clicking on the Update Profile button without entering values in any of the fields and trying to update profile with the application will show a message “Please fill out this field”. The validation is for each text box is applied.

b. Positive Test Case:

It will show a message “Profile Updated Successfully”.

Fundraising and Idea Sharing System

➤ Post Idea

a. Negative Test Case:

Clicking on the Post button without entering values in any of the fields and trying to post an idea will show a message “Please fill out this field”.

b. Positive Test Case:

After entering correct details according to the validations applied, it will show a message “Your idea is posted successfully” and then you can view your idea under My Post category.

➤ View Ideas

a. Positive Test Case:

After clicking on public posts option, user can view all publically posted ideas and on clicking Recent Posts, user can view only the ideas posted by the followed account.

➤ Raise Complaint by User

If user find any inappropriate idea then on clicking hamburger icon on the posted idea and than raise complaint option, it will redirect the user to the compaint page and after successfully entering valid description and clicking on Post Complaint button, a message will appear "Your complaint has been raised".

Fundraising and Idea Sharing System

➤ Show Interest

After clicking interested option available for individual post, user can show interest and than the icon is changed and marked as "Interested". The another user whose posted idea is liked by someone than he/she will get message in the notification bar.

➤ Follow account

Any user can search another user by his/her name and on tapping the name he will redirected to the profile and there is a profile card of the user having "Follow me " button. On clicking the button, it will changed into "Followed". And on successfully following an account, the number of followers of that user increased by one.

Fundraising and Idea Sharing System

4.3.2 Integration Testing

In integration testing, we integrated all the pages. After merging all the pages, we checked whether all the pages are working properly or not.

When the website starts, the first thing occurs is the splash page.

To post ideas user needs to register.

After successful registration, Password will be sent to the user's email id.

After a successful login, the home screen occurs. There are multiple options present on the home screen, the user can choose any option according to his/her interest.

- Post Ideas
- Edit Profile
- Search people
- Visit profile and follow people
- View public posts
- View posts of followed account
- Raise complaint on a particular post
- Show interest on a post
- Get notify
- Logout

All the mentioned screens/pages are integrated and are working properly.

Conclusion

5.1 Conclusion

This research work ,design and implementation of a online Fundraising and Idea Sharing system used to study funding as a tool to help entrepreneurs to choose a proper funding path, design a way in which the manual system can be computerized and to deploy a website that will serve as a social platform for the entrepreneurs and startup founders.

New ventures or startups do not just have to deal with a variety of processes like gaining traction, ideation, expansion, etc. All these processes require money, and that money should be something that should be provided to them at the right time so that the growth of the startup is not halted.

This is why startups opt for ‘startup funding.’ After acquiring the right amount of funds, business owners must ensure that the money raised goes to the right place and is used for just the right purpose.

In this research work we have been able to explore the problems encountered by the existing manual system, to design an online funding and idea sharing system that will improve upon the existing manual approaches and to implement a web based application that will help businessmen get a good amount of funds and team that best suits them. In this research we have studied different aspects of online funding, designed a functional web application and implemented it with some successful test results.

Fundraising and Idea Sharing System

5.2 Limitations of the work

The main limitation of our application is that there is no direct contact between investors and fundraisers, they have to connect personally with the profile details provided. And also it is an idea sharing website where user can post basic idea and build up the team but at the same time mentorship required to turn up the business is not provided.

5.3 Suggestion and Recommendation for future work

It is suggested that the scope of this research can be widened if the time and resources permit. Based on the results of the conclusions above, the suggestions that can be given for further development are expected to be further enhanced by supporting features that make it easier to use, as well as a more user-friendly appearance and function. It is highly recommended that this research can be improved upon and implemented as this will be very useful to the society at large. A live and functional chat system can also be included to connect directly instead of personal communication via email and calls.

Fundraising and Idea Sharing System

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