American International   University-Bangladesh (AIUB)

Department of Computer Science
Faculty of Science & Technology (FST)

Invesment-Finder

A Software Requirement Engineering Project Submitted By

Semester: Spring_22_23		Section:	Group Number:	
SN	Student Name	Student ID	Contribution in % (CO+CO2)	Individual Marks
01	Arpita Saha	19-41363-3	33%	
02	Rakib Hossain Ivan	19-41393-3	33%	
03	Eashita Islam	20-42008-1	33%	

The project will be Evaluated for the following Course Outcomes

Evaluation Criteria	Total Marks (50)	
Introduction, Format, Submission, Defense	[10 Marks]	
System Overall Description & Functional Requirements	[10 Marks]	
System Quality Attributes and Project Requirements	[10 Marks]	
UML and E-R Diagram with Data Dictionary	[10 Marks]	
UI/UX Prototyping	[10 Marks]	

Software Requirements Specification

for

Investment Finder

Version 1.0 approved

Prepared by Arpita Saha

Rakib Hossain Ivan

Eashita Islam

May 1,2023

Table of Contents

Revision History

Name	Date	Reason for Changes	Version

1. Introduction

1.1 Purpose

The investment finder is a web-based program designed to streamline the process of finding investors for project people who want to start their business or need investment in their existing institution/ organization. The software allows user, who need investment will get their preferable investment quickly. And user, who want to invest their money can also invest in their preferable project and earn profit easily online. The main purpose of the software is to find investment for new business and investors can find the perfect project for investment. By automating the investment process a lot of users can get investments for their business in a minimum time.

The objective and goal of the software – •
    Streamlining the investment finding
- Increase the number of investments
- To attract a diverse range of investment opportunities for investors to choose from.
- To ensure the security and confidentiality of user information and investment transactions.

Some of the benefits of using investment finder software are- •
Quick access to investment for those seeking it.
- Opportunity for individuals with wealth to easily invest in projects and earn profits online.

The investment finder software can relate to corporate goals or business strategies by aligning with the company's objective. For example, if a company wants to start a new project and want investment, then this software can help them find a preferable investment for their business and reduce the chance of deception.

1.2 Document Conventions

This Software Requirements Specification (SRS) document follows the following standards and typographical conventions:
1. Font: Times New Roman, size 12
2. Priority: Each requirement statement has its own priority level specified, which is denoted by the use of the keywords "MUST", "SHOULD", or "MAY". "MUST" signifies a mandatory requirement, "SHOULD" signifies a desirable requirement, and "MAY" signifies an optional requirement.
3. Formatting: Use of bold and italics to highlight key terms and phrases.
4. References: External references will be cited using APA style.

1.3 Intended Audience and Reading Suggestions

This document's intended audience includes developers, project managers, business analysts, quality assurance or testers, stakeholders, and end users. Before reading this document, it is highly advised that you read the paper to better understand Investment finder. Audience members include:
- Developers: To understand the technical specifications and requirements of the Investment Platform software.
- Project Managers: To understand the project scope, timelines, and resources required to develop the Investment Platform software.
- Business Analysts: To understand the business requirements and objectives of the Investment Platform software.
- Documentation Writers: Documentation Writers should review the User Documentation section to understand the documentation components that will be delivered with the software and the delivery formats or standards.
- Quality Assurance/Testers: To understand the test cases, scenarios, and acceptance criteria for the Investment Platform software.
- Legal Staff: Responsible for ensuring that the project complies with all relevant laws and regulations.
- Stakeholders and End-Users: To understand the features and functionality of the Investment Platform software.

We recommend the following sequence for reading this document:

- Introduction: Provides an overview of the document, including its purpose, conventions, and intended audience.
- Overall Description: Describes the product perspective, functions, user classes, operating environment, design and implementation constraints, and user documentation.
- System Requirements: Describes the system features, non-functional/quality requirements, and project requirements.
- Design and Interface Requirements: Describes the UML diagrams, data dictionary, and UI/UX design specification.

Although each section is self-contained, reading the paper in order will provide the reader with a better understanding of Investment Finder. The entire document is divided into four parts. The first part is the introduction where we discuss the purpose intended audience, the scope of the system. he second section gives an overview of the system's functioning. Introduce several types of stakeholders and their interactions with the system. It also covers the software's running environment, including hardware platforms, operating systems and versions, hardware platforms, operating systems, and versions, and hardware platforms, operating systems, and versions, as well as other software components and applications that should coexist harmoniously. Also, this section discusses system limits and project assumptions. This section is extremely beneficial to system users. The third section includes extensive requirements specifications as well as descriptions of various system interfaces. This section is meant primarily for developers because it discusses the software's features in technical detail. It is also written for users because there is a use case. The final section includes a numbered list of findable sources. These are still in the SRS for completion tracking. It also includes a list of open issues and things that SRS still has to do but has not yet done.

2. Overall Description

2.1 Product Perspective

The project aims to create a platform that connects startups and entrepreneurs with potential investors. From a product perspective, this platform will provide the following features and benefits:

1.   Investor Discovery: The platform will allow entrepreneurs to discover potential investors by filtering investors based on their investment preferences, sector focus, location, and investment history.

2.   Profile Creation: Startups and entrepreneurs will be able to create a profile that showcases their business idea, traction, and potential for growth. This profile will be visible to potential investors on the platform.

3.   Messaging: The platform will allow startups and entrepreneurs to send messages to potential investors and vice versa. This messaging feature will facilitate communication between both parties and help them discuss investment opportunities.

4.   Deal Tracking: The platform will allow entrepreneurs to track their investment deals and funding rounds. This feature will help entrepreneurs keep track of their progress and update potential investors on their fundraising status.

5.   Analytics: The platform will provide analytics and insights on investor activity, investor preferences, and successful funding rounds. These insights will help entrepreneurs understand the market trends and investor preferences.

Overall, the project will provide a user-friendly and efficient platform that connects startups and entrepreneurs with potential investors. This platform will enable entrepreneurs to raise capital and grow their businesses while providing investors with access to promising investment opportunities.
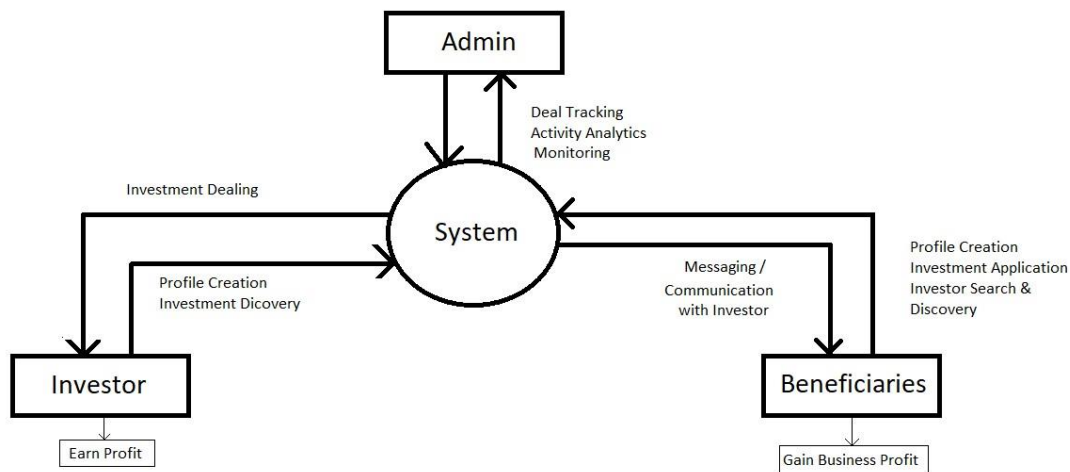
2.2 Product Functions

1.   User Registration and Profile Creation: It should allow users to create an account and provide basic information about themselves, including their name, email address, and investor type. Users should also be able to create a profile and provide additional information about their investment preferences and experience.

2.   Investor Search and Filter: startups to search for investors based on criteria such as investment type, industry, location, and investment size. The website should also allow investors to search for startups based on similar criteria.

3.   Investment Deal Listings: To list investment deals, including information such as company overview, funding round, investment amount, and investment type. Investors should be able to browse and search these listings.

4.   Messaging and Communication: The project will allow startups and investors to communicate with each other through a messaging system. This should include features such as message threads, file attachments, and read receipts.

5. **Investment Application:** Submit investment applications to investors. This should include a form for submitting basic information about the company, as well as the ability to attach additional documents such as pitch decks and financial statements.

6. **Investor Dashboard:** The project will provide investors with a dashboard that displays relevant information, such as their investment portfolio, investment opportunities, and messages from startups.

7. **Startup Dashboard:** A dashboard that displays relevant information, such as their investment listings, investment applications, and messages from investors.

8. **Analytics and Reporting:** It will provide analytics and reporting features that allow investors and startups to track and analyze their investment activity, such as total investments made, investment performance, and success rates.

9. **Integration with Third-Party Services**: The project will be able to integrate with third-party services such as payment gateways and KYC/AML providers to facilitate investment transactions and ensure compliance with regulations.

2.3 User Classes and Characteristic

User Class	Characteristics
Entrepreneurs	Looking for funding for their business. May have a startup or an established business. Need to create a detailed profile to showcase their business idea. Need to track their investment deals and funding rounds
Investors	Looking for investment opportunities. Have a specific investment focus, such as sector or geographic location. May have experience investing in startups. Need to discover potential investment opportunities on the platform

Advisors/Mentors	Have experience advising or mentoring startups. May have a specific industry or functional expertise. Can provide guidance to entrepreneurs on fundraising and business strategy
Service Providers	Provide services to startups and entrepreneurs, such as legal, accounting, or marketing services. Can connect with potential clients on the platform. May have a specific industry or functional expertise

Platform Administrators	Manage and maintain the platform. Provide customer support to users. Monitor user activity and ensure compliance with platform policies and regulations

2.4 Operating Environment

ID	Description
OE1	Front-end development tools and frameworks, such as HTML/CSS, JavaScript, React, Angular, etc.
OE2	Back-end development tools and frameworks, such as Node.js, Ruby on Rails, Django, etc.
OE3	Database management tools and technologies, such as MySQL, PostgreSQL, MongoDB, etc.
OE4	Cloud computing platforms, such as AWS, Google Cloud, or Azure, for hosting and scaling the platform
OE5	Security and encryption technologies to ensure the safety of user data and transactions
OE6	APIs and integrations with third-party services, such as payment gateways or analytics tools
OE7	Project management tools, such as JIRA or Trello, to manage development tasks and timelines
OE8	Testing and debugging tools, such as Jest or Mocha, to ensure the quality of the platform
OE9	Compliance and regulatory frameworks, such as GDPR or HIPAA, to ensure legal compliance and user privacy
OE10	Customer support tools, such as Zendesk or Freshdesk, to manage user inquiries and issues.

2.5 Design and Implementation Constraints

1. **Technology Constraints:** The software must be developed using HTML, CSS, JavaScript, and a backend programming language such as Python or Ruby on Rails.

2. **Third-Party Libraries:** The software may utilize third-party libraries and APIs for certain functionalities, but their usage must be approved by the project manager and must comply with licensing agreements.

3. **Security:** The software must comply with industry-standard security practices and protocols, including encryption of sensitive user information and secure user authentication and authorization.

4. **Data Storage:** The software must store user data in a secure and compliant manner, adhering to all relevant data protection laws and regulations.

5. **Maintenance:** The customer's organization will be responsible for maintaining the software after its delivery, and as such, the software must adhere to their internal programming standards and conventions.

2.5.1 Brand Guidelines:

For a business website, one of the non-negotiables for success is identifying brand guidelines and sticking to them. The guidelines should include examples of brand assets, typography, color palettes, imagery, and messaging.

1. **Logo:** The Investor Finder project should have a distinctive logo that is easily recognizable and reflects the brand values. The logo should be simple, clear, and scalable to ensure that it is easily recognizable on different platforms.

2. **Color Palette:** The color palette should be selected based on the brand personality and values. The colors should be consistent across all brand assets, including the website, marketing materials, and social media.

3. **Typography:** The typography should be selected based on legibility and readability. The font should be easy to read, even at small sizes, and should be consistent across all brand assets.

4. **Imagery:** Imagery should be selected based on the brand values and target audience. The imagery should be high-quality, relevant, and consistent with the brand personality.

5. **Voice and Tone:** The brand voice and tone should be consistent across all brand assets. The voice should reflect the brand values and target audience, while the tone should be appropriate for the context and the intended audience.

6. **Brand Messaging:** The brand messaging should be consistent across all brand assets and reflect the brand values and benefits. The messaging should be clear, concise, and memorable.

2.5.2 Project Timeline:

The current timeline has been planned by following the Agile method. The whole project has been divided between modules for planning, development and again into sub modules for team members. Depending on the specific requirements and constraints of the project, there may be additional sprints or activities to consider. Timeline may exceed the deadline but quality has to be prioritized over delivery.

1. Project Planning (2 weeks)

- Define project goals, scope, and objectives

- Identify user requirements and create a product backlog

- Conduct feasibility study and risk analysis

- Define team roles and responsibilities

2. Sprint 1 (2 weeks)

- Conduct user research and create user personas

- Develop wireframes and user flows

- Create visual design concepts and brand guidelines

- Develop a minimum viable product (MVP) and conduct user testing

3. Sprint 2 (3 weeks)

- Develop core functionality for the platform, including user profiles and investment deals

- Implement search and filter functionality for finding investors

- Implement messaging and communication features between investors and startups

4. Sprint 3 (4 weeks)

- Develop advanced functionality, such as analytics and reporting

- Implement integration with third-party services, such as payment gateways and KYC/AML providers

- Conduct user testing and optimize the platform based on user feedback

5. Sprint 4 (2 weeks)

- Conduct acceptance testing and ensure compliance with regulations and standards

- Develop documentation and training materials for users and support staff - Launch the

  platform and provide ongoing maintenance and support.

2.5.3 Browser:

1. **Desktop Browsers:** Desktop browsers refer to the web browsers that are installed on desktop computers, such as Google Chrome, Mozilla Firefox, Microsoft Edge, and Safari.

   When developing the website, it is important to ensure that it is optimized for these browsers and that all features are functional.
2. **Mobile Browsers:** Mobile browsers refer to the web browsers that are installed on mobile devices, such as smartphones and tablets. Popular mobile browsers include Google Chrome, Safari, and Mozilla Firefox. It is important to optimize the website for these browsers as well, considering the differences in screen sizes and mobile-specific interactions.
3. **Accessibility:** When developing the website, it is important to ensure that it is accessible to users with disabilities. This involves following best practices for web accessibility, such as providing alternative text for images and videos, ensuring keyboard navigation, and following WCAG guidelines.
4. **Security:** Security should be a top priority when developing the website. The website should be designed and implemented to ensure that user data is protected and that the website is secure against cyber threats, such as hacking and data breaches.
5. **Compatibility:** The website should be compatible with different operating systems and devices. This involves testing the website on different platforms and devices to ensure that it functions as expected.
6. **Performance:** The website should be designed and implemented to ensure that it loads quickly and performs well. This involves optimizing images and other media, minimizing HTTP requests, and using caching and other performance-enhancing techniques.
7. **SEO:** The website should be optimized for search engines to ensure that it is easily discoverable by users. This involves following best practices for search engine optimization, such as using descriptive page titles, meta descriptions, and implementing structured data markup.

2.6 User Documentation

The following user documentation components will be delivered along with the software:

○ **User Manual:** A comprehensive guide that describes how to use the software, including stepby-step instructions, screenshots, and examples.
○ **Online Help:** A context-sensitive online help system that provides assistance for specific tasks or functions within the software.
○ **Tutorials:** Interactive tutorials that guide users through common scenarios and workflows.

The user documentation will be delivered in digital format as part of the software installation package. The online help will be accessible from within the software, while the user manual and tutorials will be provided as separate documents in PDF format. The documentation will adhere to industry-standard formatting and style guidelines for consistency and ease of use.

3. System Requirements

3.1 System Features

1. **User account**

   Functional Requirements (FRs)

   1.1 A user account is a personal account created by individuals who want to use the investor finder system.
   1.2 It allows users to access and utilize the features and functionalities of the investor finder system.
   1.3 To create a user account, users need to provide personal information such as their name, email address, and password.
   1.4 Once logged in, users can create and save investor searches, view investor profiles, track investor activities, and send messages to potential investors.
   1.5 The user account also allows users to manage their subscription plans, payment methods, and other account-related settings.
   1.6 Some investor finder systems may offer additional features and benefits for users with upgraded or premium accounts.

   Priority Level: High

   Precondition: N/A

   Cross-references: N/A

2. **Registration of user account**

   2.1 Go to the investor finder system website and click on the "Register" or "Sign Up" button.

   2.2 Fill out the registration form with your personal details, such as your name, email address, and password. Some systems may also require additional information, such as your phone number, company name, or investment preferences.

   2.3 · Review and accept the terms and conditions of the investor finder system, if required.

   2.4 Submit the registration form and wait for a confirmation email to be sent to your email address.

   2.5 Click on the confirmation link in the email to activate your account.

   2.6 Once your account is activated, you can log in to the investor finder system and start using its features.

Priority Level: High
Precondition: Valid email address
Cross-references: N/A

3. **Update Account**

    3.1 The Update Account feature allows registered users to edit and update their personal information within the investor finder system.

    3.2 Users can change their name, email address, password, profile picture, and other contact details through this feature.

    3.3 Users can also add new information, such as their current job title, industry, investment preferences, and location.

    3.4 The updated information will be reflected in the user's profile and used to match them with potential investors or investment opportunities.

    3.5 The Update Account feature is secure and requires users to authenticate themselves before making any changes.

    3.6 The system will also keep a record of all changes made to a user's account for security and auditing purposes.

Priority Level: Medium
Precondition: user id and password and must be an user Cross-references: N/A

4. **Post**

    4.1 Users can edit their posts anytime to update information.

    4.2 Users can delete their posts anytime if they no longer require funding or investment

    4.3 Users can report a post if there is something wrong or inappropriate, except for the post owner.

    4.4 Users can boost their posts by paying a certain amount of money.

    4.5 Boosted posts will appear at the top of the screen for other users, increasing their visibility

Priority Level: Medium
Precondition: user id and password and must be a user **Cross-references: N/A**

5. **Dealing**

    5.1 Dealing is the process of making a deal with the post owner of an investment opportunity or fundraising campaign in an investor finder system.

    5.2 Any registered user of the system can initiate a deal by messaging the post owner expressing their interest in investing, funding, or donating.

5.3 The post owner can either accept or reject the deal proposal based on the terms and conditions of the proposed investment, funding, or donation.

5.4 If the post owner accepts the deal proposal, the user and post owner will move forward with negotiating the specifics of the deal through the messaging system.

5.5 Once both parties have agreed to the terms and conditions of the deal, they can confirm the deal and move forward with the investment, funding, or donation process.

5.6 If the deal is confirmed by both parties, the post will be archived and no longer active in the investor finder system.

5.7 If the deal is not confirmed by both parties, the post will remain active in the system for other users to engage with.

Priority Level: High
Precondition: user id and password and must be an user **Cross-references:**
N/A

6. **Payment**

6.1 Payment is not mandatory, but it can be done through the software after confirming a deal between the investor and the startup**.**

6.2 The payment process is designed to be secure and efficient, with options for various payment methods such as credit/debit cards, bank transfers, and e-wallets.

6.3 Investors can choose to make partial or full payments based on their agreement with the startup.

6.4 The payment process is tracked and recorded in the system, ensuring transparency and accountability for both parties.

6.5 In case of any payment disputes or issues, the system provides a mechanism for dispute resolution and refunds if necessary.

6.6 The payment process is a critical component of the investor finder system, facilitating seamless transactions between investors and startups to support the growth and development of innovative businesses.

Priority Level: High
Precondition: Confirmation of a deal between the investor and the startup, access to the payment feature on the investor finder system, and a valid payment method. **Cross-references: N/A**

7. **User Report**
7.1 A user can make a report by filling out a form that includes details about the incident, the user being reported, and any evidence that supports the claim.

7.2 Once a report is submitted, the platform's administrators will review the information and take appropriate action, which may include warning the user, suspending their account, or terminating their access to the platform.

7.3 The system also ensures that the identity of the person making the report is kept confidential, to prevent any retaliation or harassment.

7.4 The user report feature demonstrates the platform's commitment to maintaining a safe and trustworthy community for investors and entrepreneurs to connect and collaborate

Priority Level: High
Precondition: user id and password and must be an user **Cross-references:**
N/A

8. Browse Post

8.1 The Browse Post feature allows users to view investment, funding, and donation posts in a categorized manner.

8.2 Users can access the Browse Post feature from the homepage or through a dedicated tab/menu.

8.3 The posts are categorized based on the type of investment (e.g., equity, debt, crowdfunding), industry, investment stage, and other relevant factors.

8.4 Each post contains relevant information such as the company name, investment amount, expected return, and contact details of the poster.

8.5 The Browse Post feature helps investors find potential investment opportunities, entrepreneurs find funding or donation options, and donors find meaningful causes to support.

Priority Level: Low
Precondition: user id and password and must be an user
Cross-references: N/A

9. User Feedback

9.1 User feedback is a mechanism for users to provide their opinions, suggestions, and comments about the investor finder system.

9.2 It allows users to report any issues they encounter while using the system, such as bugs, glitches, or errors

9.3 User feedback can also provide insight into users' preferences and needs, which can help improve the system's functionality and user experience

9.4 The feedback can be collected through various channels, such as online surveys, email, or in-app feedback forms.

9.5   The feedback can also be used as a tool for evaluating the system's success and measuring user satisfaction.

Priority Level: Low
Precondition: N/A
Cross-references: N/A

3.2 Non-Functional/Quality Requirements

QA1: Performance: The system should respond to user input within an acceptable time frame, such as 1-2 seconds.The system should be able to handle a certain number of concurrent users or requests, such as 100 users or 1000 requests per hour.The system should be reliable and perform as expected, with minimal errors or downtime.

> **Priority Level:** High
> **Precondition:** N/A
> **Cross-references:** N/A

QA2: Usability: The system should have a user-friendly interface that is easy to navigate and understand, with clear labeling and intuitive controls.

> **Priority Level:** Medium
> **Precondition:** N/A
> **Cross-references:** QA3, QA5

QA3: Scalability: The system should be able to process and store large amounts of investmentrelated data without performance degradation. The system should be able to support a large number of concurrent users without slowing down or becoming unstable.

> **Priority Level:** Medium
> **Precondition:** N/A
> **Cross-references:** QA3, QA5

QA4: Availability: The system should be available to users for a certain percentage of time, such as 99.9% uptime. The system should have a plan in place for recovering from disasters or failures, such as backup and restore procedures, failover systems, and redundancy.

> **Priority Level:** High
> **Precondition:** N/A
> **Cross-references:** QA8, QA9

QA5: Security: Users should be required to provide valid login credentials (such as username and password) before accessing the system. The system should also include mechanisms for managing user accounts, such as password resets. The system should use encryption and other techniques to protect sensitive data, such as user information and financial transactions, both in transit and at rest.

> **Priority Level:** Medium

Precondition: N/A
Cross-references: N/A

QA6: Usability: The investment finder should be easy to use and navigate for users of varying technical abilities. The system should present investment information in a clear and concise manner, using plain language that is easy to understand. The investment finder should allow users to customize their search criteria and preferences, such as risk tolerance, investment goals, and investment type.

Priority Level: Medium
Precondition: N/A
Cross-references: QA5, QA6

QA7: Maintainability: The system should be designed in a modular way so that individual components can be easily updated or replaced without affecting the entire system. The system should be under version control to track changes and allow for easy rollback in case of errors or issues.

Priority Level: Medium
Precondition: N/A **Cross-references:**

QA8: Robustness: The system should be able to handle errors and exceptions gracefully, providing users with clear and meaningful error messages that help them correct their inputs. The system should validate user inputs to ensure that they are complete, correct, and consistent with the system's requirements.

Priority Level: Medium
Precondition: N/A **Cross-references:**

QA9: Interoperability: The system should be able to integrate with payment gateways to enable users to deposit and withdraw funds from their investment accounts. The system should be able to access real-time market data and analysis from third-party market data providers to help users make informed investment decisions.

Priority Level: High
Precondition: N/A
Cross-references: N/A

QA10: Security: The system would need to be tested using real or simulated data to ensure that it accurately identifies investment opportunities and assigns points to them. Having access to a diverse range of test data can help ensure that the system can handle a wide range of scenarios and user inputs.

Priority Level: High

Precondition: N/A **Cross-references:**

3.3 Project Requirements

3.3.1 Time:

The project has a time frame of four months, which provides sufficient time to plan, execute and deliver a high-quality software solution. However, the team should remain flexible, communicative, and focused on delivering results, as unexpected issues could arise during the project lifecycle. Clear timelines and priorities should be established, with regular check-ins to ensure that the project stays on track.

3.3.2 Budget:

The project must be completed within a budget of 8 lakh taka. The software must meet all specified requirements and deliverables, which will be determined through consultation with the stakeholders.

3.3.3 Resources:

The project requires a team of seven individuals, comprising one project manager, four software developers, and two software testers. To facilitate software development and testing, the team will require five desktop computers and two laptops. Access to the internet is essential for research and effective communication. The project will also entail the the use of reusable components, subsystems, modules, and data management systems to optimize software development and testing.

3.3.4 Developing and testing tools:

- Integrated Development Environment (IDE) such as Eclipse or Visual Studio

- Version control system such as Git

- Database management system such as MySQL or Oracle

- Web development framework such as Express and React.

- Selenium testing tool in order to perform necessary testing activities.

The system developers will need to ensure that all the required tools are installed and configured before starting the development and testing activities. Additionally, the developers will need to

have a clear understanding of how to use these tools effectively to ensure the successful completion of the project.
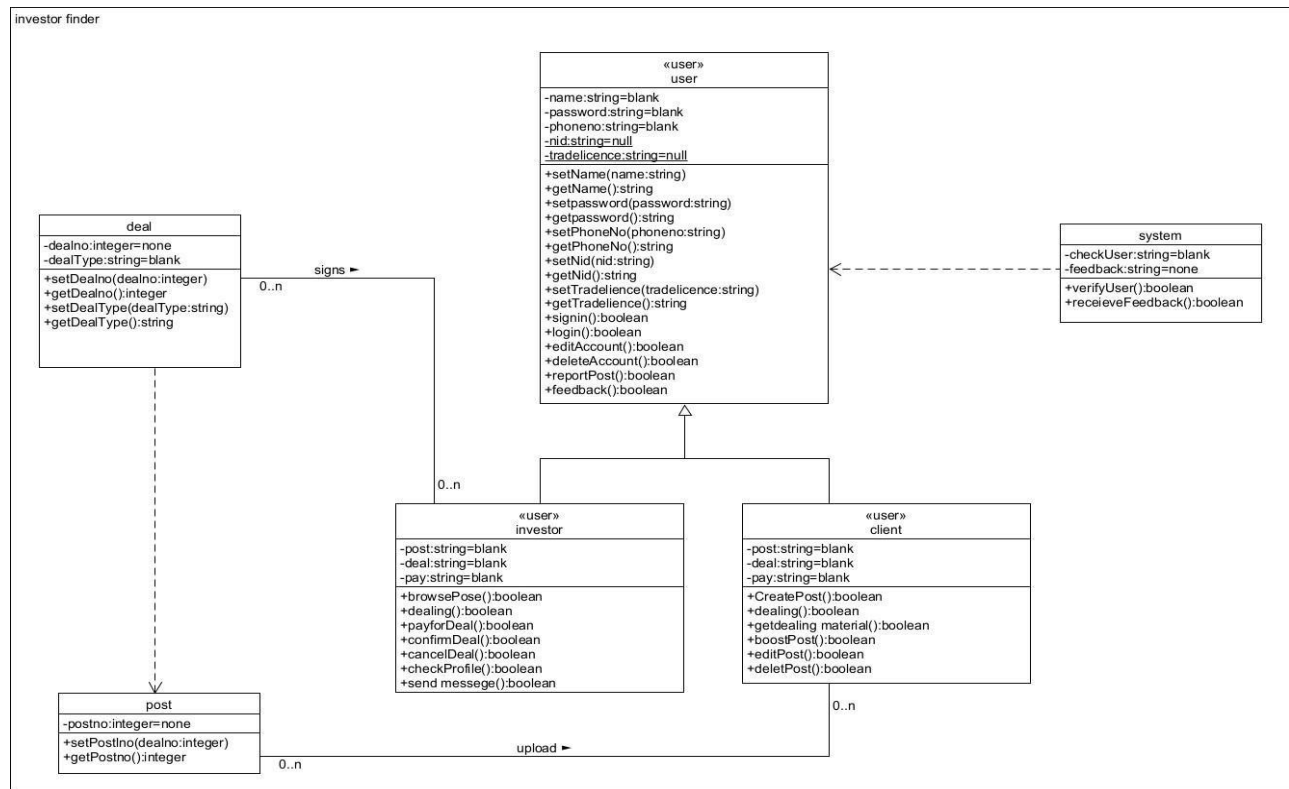
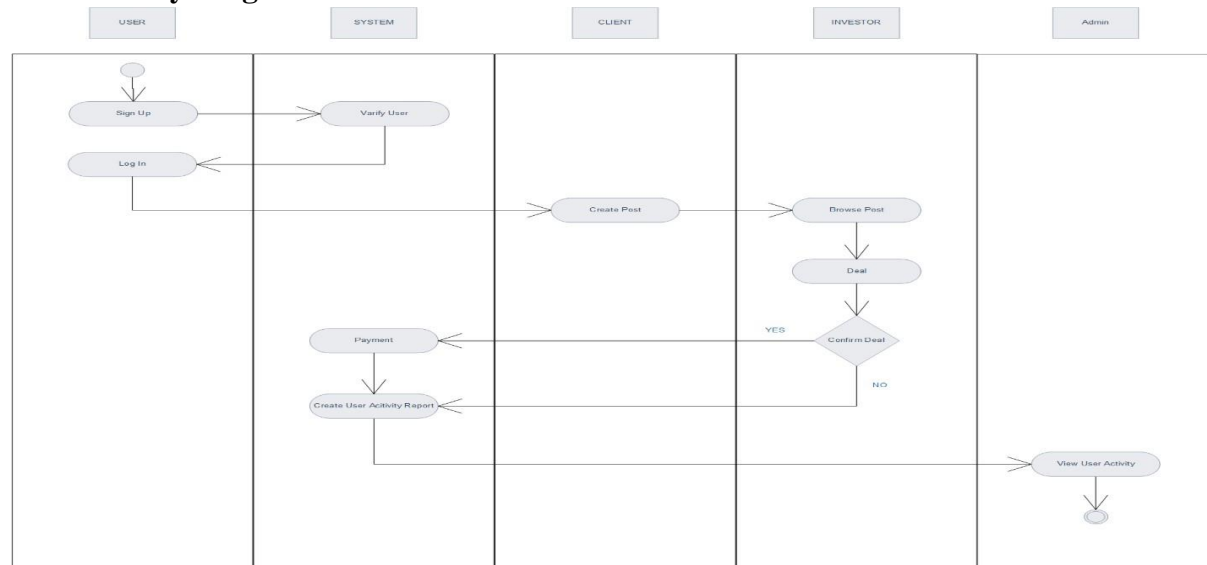# 4. Design and Interface Requirements

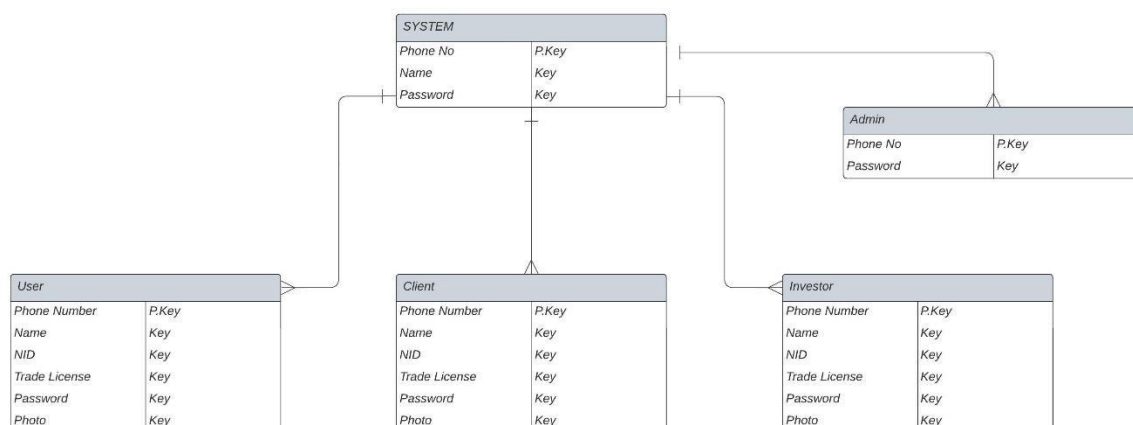## 4.1 UML Diagrams

4.1.1 Use Case Diagram:
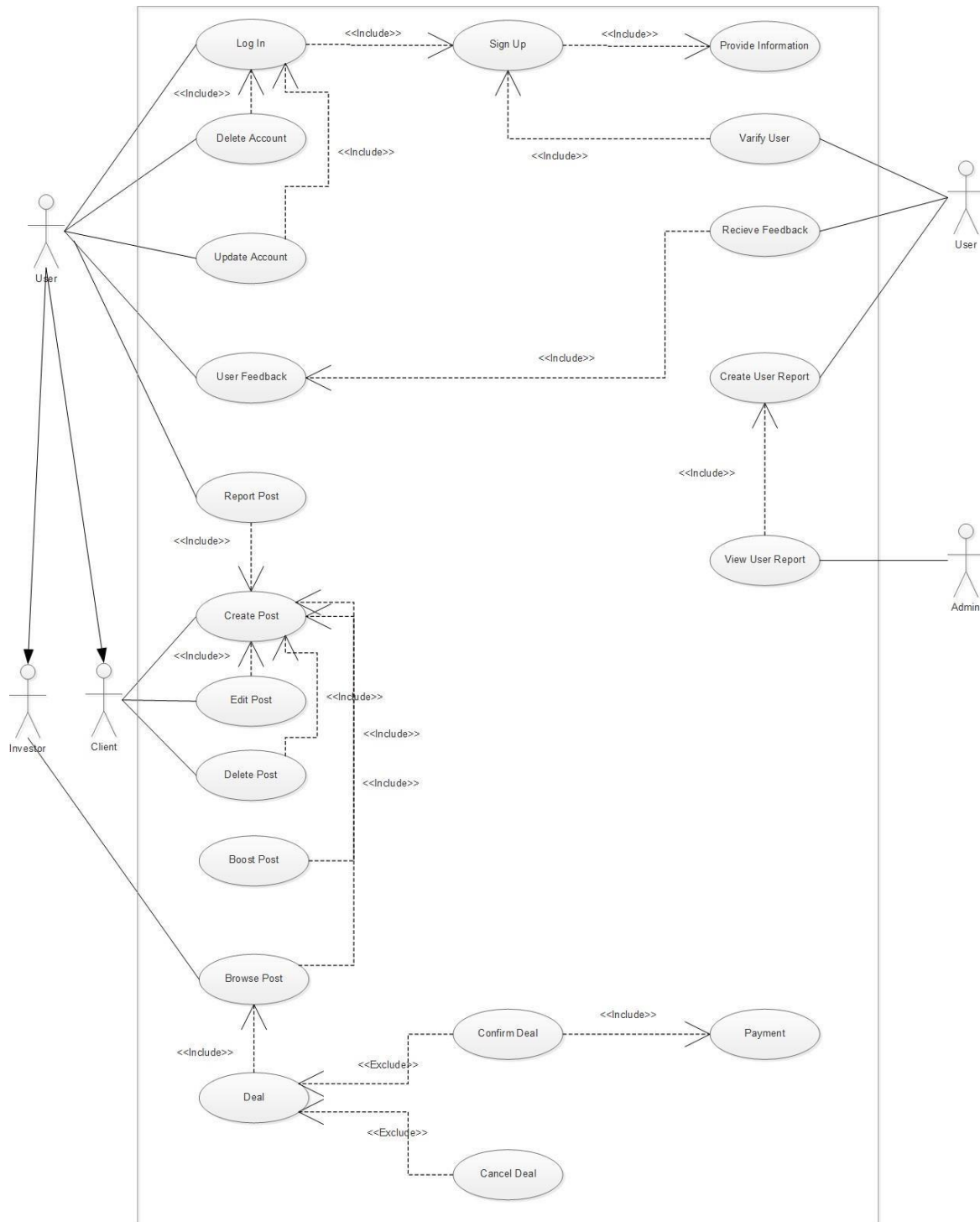
4.1.2 Class Diagram:

4.1.3 Activity Diagram:

4.1.4 E-R Diagram:

4.2 Data Dictionary

Entity	Attribute	Type/Size	Validation	Key
System	S_Phone No	Text(50)	Required	Primary
System	SName	Text (100)	Required	
System	S_Password	Text(100)	Required	
Admin	A_PhoneNo	Text(50)	Required	Primary
Admin	A_Password	Text(100)	Required	
User	U_Name	Text(150)	Required	
User	U_PhoneNo	Text (50)	Required	Primary
User	U_Nid	Int	Required	Primary
User	U_TradeLicence	Int	Required	Primary
User	U_Password	Text (100)	Required	
User	U_Photo	Picture	Required	
Client	C_PhoneNo	Text (50)	Required	Primary
Client	C_PhoneNo	Text (50)	Required	Primary
Client	C_Nid	Int	Required	Primary

Client	C_TradeLicence	Int	Required	Primary
Client	C_Password	Text (100)	Required	
Client	C_Photo	Picture	Required	
Investor	I_Name	Text(150)	Required	
Investor	I_PhoneNo	Text (50)	Required	Primary
Investor	I_Nid	Int	Required	Primary
Investor	I_TradeLicence	Int	Required	Primary
Investor	I_Password	Text (100)	Required	
Investor	I_Photo	Picture	Required	

4.3 UI/UX Design Specification

Microsoft paint was used to develop the User Interface (UI) and User Experience (UX) of this project.

4.3.1 Sign in

INVESTOR FINDER

Email/Phone

Enter your email address

Password

Enter Password

Sign in

Don't have account? Register

About   Contact   Terms & Condition   Feedback

4.3.2 Register:

INVESTOR FINDER

Email/Phone

Enter your email address

Password

Enter Password

NID

Enter NID

Trade Lience No.

Enter Trade Licence No.

Register

About   Contact   Terms & Condition   Feedback

4.3.3 Home:

INVESTOR FINDER

Search 🔍

Home   Settings

Notification●   Message   Profile   Sign out

CREATE POST ⌄

Investment

Funding

Donation

Useful Links

About

Contact

Terms & Condition

Feedback

Sponsered

Arpita Saha · Investment   ...

t is a long established fact that a reader will be distracted by
the readable content of a page when looking at its layout. The
point of using Lorem Ipsum is that it has a more-or-less
normal distribution of lettersh.

Show more

Sponsered

Shafiul Islam Majumder · Donation   ...

t is a long established fact that a reader will be distracted by
the readable content of a page when looking at its layout. The
point of using Lorem Ipsum is that it has a more-or-less
normal distribution of lettersh.

Show more

Dibya Jyoti Hore · Funding   ...

There are many variations of passages of Lorem Ipsum available, but the majority have
suffered alteration in some form, by injected humour, or randomised words which don't look
even slightly believable. If you are going to use a passage of Lorem Ipsum, you need to be
sure there isn't anything embarrassing hidden in the middle of text. All the Lorem Ipsum
generators on the Internet tend to repeat.

Show more   Deal

Asif Kamal Tias · Investment   ...

There are many variations of passages of Lorem Ipsum available, but the majority have
suffered alteration in some form, by injected humour, or randomised words which don't look
even slightly believable. If you are going to use a passage of Lorem Ipsum, you need to be
sure there isn't anything embarrassing hidden in the middle of text. All the Lorem Ipsum
generators on the Internet tend to repeat.

Show more   Deal

Abdullah Mutasaddik · Investment   ...

There are many variations of passages of Lorem Ipsum available, but the majority have
suffered alteration in some form, by injected humour, or randomised words which don't look
even slightly believable. If you are going to use a passage of Lorem Ipsum, you need to be
sure there isn't anything embarrassing hidden in the middle of text. All the Lorem Ipsum
generators on the Internet tend to repeat.

Show more   Deal

4.3.4 Profile (User View)

INVESTOR FINDER

Search

Home   Settings   Message   Profile   Sign out

Name	Joseph Pearson
Trade License	4130-5455-1265-56
NID	4515645654221546
Password	*****************
Birth Date	19 September, 1974
Live in	California, USA

Joseph Pearson
Active now

Edit Profile

Description

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Posts

Joseph Pearson · Funding   ...

There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour, or randomised words which don't look even slightly believable. If you are going to use a passage of Lorem Ipsum, you need to be sure there isn't anything embarrassing hidden in the middle of text. All the Lorem Ipsum generators on the Internet tend to repeat.

Show more   Deal

Delete Post

Edit Post

Promote Post

About   Contact   Terms & Condition   Feedback

4.3.5 Profile (Visitor View)

INVESTOR FINDER

Search

Home   Settings   Notification   Message   Profile   Sign out

Name	Joseph Pearson
Trade License	4130-5455-1265-56
NID	4515645654221546
Birth Date	19 September, 1974
Live in	California, USA

Joseph Pearson
Active now

★★★★☆

Report

Description

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Posts

Joseph Pearson · Funding   ...

There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour, or randomised words which don't look even slightly believable. If you are going to use a passage of Lorem Ipsum, you need to be sure there isn't anything embarrassing hidden in the middle of text. All the Lorem Ipsum generators on the Internet tend to repeat.

Show more   Deal

About   Contact   Terms & Condition   Feedback

4.3.6 Create Post:

INVESTOR FINDER | Search 🔍

Home   Settings   Message   Profile   Sign out

Create Post [Donation ▼]   [Post]   ✕

Arial ▼ − 11 + **B** *I* U A ✏ 🔗 ⊞ 🖼 ▼ ≡ ≡ ≡ ≡ ↕ ✓≡ ☰ ▼ ☰ ▼ Insert

|

Required Amount $ [   ]

4.3.7 Post:

INVESTOR FINDER | Search 🔍

Home   Settings   Message   Profile   Sign out

Dibya Jyoti Hore • Investment   ⋯   [Report as inappropriate]

There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour, or randomised words which don't look even slightly believable. If you are going to use a passage of Lorem Ipsum, you need to be sure there isn't anything embarrassing hidden in the middle of text. All the Lorem Ipsum generators on the Internet tend to repeat.

Lorem ipsum dolor sit amet consectetur adipisicing elit. Maxime mollitia, molestiae quas vel sint commodi repudiandae consequuntur voluptatum laborum numquam blanditiis harum quisquam eius sed odit fugiat iusto fuga praesentium optio, eaque rerum! Provident similique accusantium nemo autem. Veritatisobcaecati tenetur iure eius earum ut mole

$77, 500   [Deal]

About   Contact   Terms & Condition   Feedback

4.3.8 Deal Confirmation (Investor)

INVESTOR FINDER

Search 🔍

Home   Settings

Notification   Message   Profile   Sign out

Confirm deal for investing **in pharmaceutical project with Arpita Saha?**
Deal no. 7124454545545

Confirm   Message   Discard

About   Contact   Terms & Condition   Feedback

4.3.9 Deal Confirmation (Client)

INVESTOR FINDER

Search 🔍

Home   Settings

Message   Profile   Sign out

Joseph Pearson wants to invest in your pharmaceutucal project.
Deal no. 7124454545545

Confirm   Message   Reject

About   Contact   Terms & Condition   Feedback

4.3.10 Notification:

INVESTOR FINDER

Search 🔍

Home   Settings   Notification   Message   Profile   Sign out

Notifications

Arpita Saha rejected your proposal in phermaceutical project

Abdullah Mutasaddik confirmed your deal. Deal no. 9044515454

4.3.11 Message:

INVESTOR FINDER

Search 🔍

Home   Settings   Notification   Message   Profile   Sign out

Messages

| Mutasaddik | 3m |
| Asif | 2h |

Mutasaddik
Hello

Hi

Type message ▷

4.3.12 Settings:

INVESTOR FINDER

Search 🔍

Home   Settings   Notification   Message   Profile   Sign out

Settings

Delete Profile   Delete

4.3.13 About:

INVESTOR FINDER

Search 🔍

Home   Settings   Message   Profile   Sign out

About Us

Nisi est sit amet facilisis magna etiam tempor. Integer enim neque volutpat ac tincidunt. Posuere morbi leo urna molestie at. Et ultrices neque ornare aenean euismod elementum nisi. At erat pellentesque adipiscing commodo elit. Tempus egestas sed sed risus pretium quam vulputate. Vel fringilla est ullamcorper eget nulla. Morbi tincidunt ornare massa eget egestas purus viverra. Ut etiam sit amet nisl purus in. Consectetur libero id faucibus nisl tincidunt. Leo a diam sollicitudin tempor id eu.

Diam volutpat commodo sed egestas egestas fringilla phasellus faucibus. Nisl rhoncus mattis rhoncus urna neque viverra justo nec ultrices. Condimentum mattis pellentesque id nibh tortor id aliquet lectus proin. A scelerisque purus semper eget duis at tellus at. Dictum non consectetur a erat nam. Ut aliquam purus sit amet luctus venenatis lectus. Erat nam at lectus urna duis convallis. Sed turpis tincidunt id aliquet risus feugiat in. Purus ut faucibus pulvinar elementum integer enim neque volutpat. Commodo ullamcorper a lacus vestibulum sed arcu. Accumsan sit amet nulla facilisi morbi tempus iaculis. Congue quisque egestas diam in arcu cursus. Etiam non quam lacus suspendisse faucibus interdum posuere. Sed felis eget velit aliquet sagittis id consectetur purus ut. Pellentesque dignissim enim sit amet. Id porta nibh venenatis cras sed felis eget velit. Neque aliquam vestibulum morbi blandit cursus risus at ultrices. Urna duis convallis convallis tellus id interdum velit laoreet. Amet luctus venenatis lectus magna fringilla urna porttitor rhoncus dolor.

About   Contact   Terms & Condition   Feedback

4.3.14 Feedback:

5. References:

1.Marisa Analia Sánchez, Gastón Milanesi, 2011. *Evaluation of Software Development Investments: a Real Options Approach, Volume: ISSN 1850-2792*

6. Challenges:

Some potential challenges that this project may face could include:

- Finding a suitable number of investors to sign up for the platform

- Ensuring the security and privacy of user data on the platform

- Building a user-friendly interface that meets the needs of both startups and investors

- Competing with existing investment platforms that may have established user bases and market share

- Managing potential legal and regulatory issues surrounding investments and fundraising

- Handling a high volume of messages and deals on the platform without sacrificing efficiency or quality of service.

7. Conclusion:

In conclusion, the development of a platform that connects startups and entrepreneurs with potential investors is an ambitious project with significant potential benefits. The platform's features, such as investor discovery, profile creation, messaging, deal tracking, and analytics, have the potential to revolutionize the way startups and investors connect and conduct business. However, the project will also face various challenges, such as ensuring user privacy, managing security risks, and optimizing the user experience. By addressing these challenges and leveraging the project's potential benefits, this platform has the potential to transform the startup and investment landscape, enabling entrepreneurs to raise capital and grow their businesses while providing investors with access to promising investment opportunities.