# **Entrepreneurs Consultant**

 $\mathbf{BY}$ 

NAME : Abdulla Al Mamun ID: 201-15-14118

This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering

Supervised By
Mr. Amir Sohel
Lecturer (Senior Scale)
Department of CSE
Daffodil International University



# DAFFODIL INTERNATIONAL UNIVERSITY DHAKA, BANGLADESH JANUARY 2024

#### APPROVAL

This Project titled "Entrepreneurs Consultant", submitted by Abdulla Al Mamun to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 22.01.2024

#### **BOARD OF EXAMINERS**

M

Dr. Md. Ismail Jabiullah (MIJ)

Chairman

Professor

Department of CSE

Faculty of Science & Information Technology

Daffodil International University

Mr. Md. Ali Hossain (MAH)

**Assistant Professor** 

Department of CSE

Faculty of Science & Information Technology

**Daffodil International University** 

Internal Examiner

Israt Jahan(IJN)

Senior Lecturer

Department of CSE

Faculty of Science & Information Technology

**Daffodil International University** 

**Internal Examiner** 

Dr. Mohammed Nasir Uddin (DNU)

Professor

Department of Computer Science and Engineering

Jagannath University

**External Examiner** 

#### **DECLARATION**

We hereby declare that, this project has been done by us under the supervision of Mr. Amir Sohel Lecturer (Senior Scale), Department of CSE Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

Supervised by:

Mr. Amir Sohel Lecturer (Senior Scale)

Department of CSE

Daffodil International University

Submitted by:

MAMUN

Abdulla Al Mamun ID: 201-15-14118 Department of CSE

Daffodil International University

# **ACKNOWLEDGEMENT**

First, we express our heartiest thanks and gratefulness to almighty God for His divine blessing makes us possible to complete the final year project/internship successfully.

We really grateful and wish our profound our indebtedness Mr. Amir Sohel Lecturer (Senior Scale) Department of CSE Daffodil International University, Dhaka. Deep Knowledge & keen interest of our supervisor in the field of "Web Development" to carry out this project. His endless patience, scholarly guidance, continual encouragement, constant and energetic supervision, constructive criticism, valuable advice, reading many inferior drafts and correcting them at all stage have made it possible to complete this project.

We would like to express our heartiest gratitude to Dr. Sheak Rashed Haider Noori Professor & Head, Department of CSE, for his kind help to finish our project and also to other faculty member and the staff of CSE department of Daffodil International University.

We would like to thank our entire course mate in Daffodil International University, who took part in this discuss while completing the course work.

Finally, we must acknowledge with due respect the constant support and patients of our parents.

## **ABSTRACT**

The "Startup Repair" initiative is an innovative web application that aims to foster cooperation and support between newbie entrepreneurs and experienced consultants. Users are granted the ability to conveniently register, locate consultants by their names, Ids, or areas of expertise, and arrange appointments for the provision of expert guidance. Tailored dashboards offer functionalities including payment history, profile management, and appointment monitoring to accommodate the particular requirements of users, consultants, and administrators. The incorporation of SSLCommerz guarantees dependable and secure payment transactions, thereby augmenting the overall satisfaction of users. The primary objective of the platform's dedication to user-centric design is to streamline the consulting procedure and foster a dynamic community where expertise and knowledge collide in order to facilitate the triumph of startup endeavors. Through the utilization of technology and the promotion of smooth interactions, "Startup Repair" endeavors to serve as a crucial resource for individuals commencing entrepreneurial endeavors by providing a collaborative environment conducive to mentorship and advancement within the startup ecosystem.

# TABLE OF CONTENTS

CONTENTS	PAGE
Board of examiners	ii
Declaration	iii
Acknowledgements	Iv
Abstract	v
CHAPTER	
CHAPTER 1: Introduction	1-7
1.1 Introduction	1
1.2 Motivation	2
1.3 Objective	3
1.4 Problem Statement	4
1.5 Proposed System	5
1.6 Expected outcome	6
1.7 Report layout	7
CHAPTER 2: Background	8-13
2.1 Introduction	8
2.2 Terminology	8
2.2 Related work	9
2.3 Scope of the problem	10
2.4 Challenges	12
<b>CHAPTER 3: Requirement Specification</b>	14 20
3.1 Introduction	<b>14-20</b> 14
3.2 Business Process Model	14
	<b>4</b> 1

3.3 Requirement collection and analysis	
3.4 Hardware requirement	16
3.5 Software Requirement	16
3.6 Use-Case Diagram	16
3.7 Activity Diagram	17
3.8 Entity-Relationship Diagram	18
3.9 Class diagram	19
CHAPTER 4: Design Specification	20
4.1 Front-end design	21-23
4.1.1 Block diagram of frontend	21
4.2 Back-end design	21
4.3 Implementation requirement	22
CHAPTER 5: Implementation and testing	22
· · · · · · · · · · · · · · · · · · ·	
5.1 Implementation of Database	25-29
<ul><li>5.1 Implementation of Database</li><li>5.2 Implement of Front-End Design</li></ul>	<b>25-29</b> 25
-	
5.2 Implement of Front-End Design	25
5.2 Implement of Front-End Design 5.2.1 Home Page	<ul><li>25</li><li>26</li></ul>
<ul><li>5.2 Implement of Front-End Design</li><li>5.2.1 Home Page</li><li>5.2.2 Find Consultant Page</li></ul>	<ul><li>25</li><li>26</li><li>26</li></ul>
5.2 Implement of Front-End Design 5.2.1 Home Page 5.2.2 Find Consultant Page 5.2.3 All Consultants Page	<ul><li>25</li><li>26</li><li>26</li><li>27</li></ul>
5.2 Implement of Front-End Design 5.2.1 Home Page 5.2.2 Find Consultant Page 5.2.3 All Consultants Page 5.2.4 Blogs Page	<ul><li>25</li><li>26</li><li>26</li><li>27</li><li>28</li></ul>
5.2 Implement of Front-End Design 5.2.1 Home Page 5.2.2 Find Consultant Page 5.2.3 All Consultants Page 5.2.4 Blogs Page 5.2.5 About Us Page	<ul><li>25</li><li>26</li><li>26</li><li>27</li><li>28</li><li>29</li></ul>
5.2 Implement of Front-End Design 5.2.1 Home Page 5.2.2 Find Consultant Page 5.2.3 All Consultants Page 5.2.4 Blogs Page 5.2.5 About Us Page 5.6 Testing Implementation 5.8 Test Results and Reports	25 26 26 27 28 29 30
5.2 Implement of Front-End Design 5.2.1 Home Page 5.2.2 Find Consultant Page 5.2.3 All Consultants Page 5.2.4 Blogs Page 5.2.5 About Us Page 5.6 Testing Implementation	25 26 26 27 28 29 30 30 31 <b>32-33</b>
5.2 Implement of Front-End Design 5.2.1 Home Page 5.2.2 Find Consultant Page 5.2.3 All Consultants Page 5.2.4 Blogs Page 5.2.5 About Us Page 5.6 Testing Implementation 5.8 Test Results and Reports  CHAPTER 6: Impact on Society and Environment	25 26 26 27 28 29 30 30 31

CHAPTER 7: Conclusion and Future Scope	36-36
7.1 Conclusion	36
7.2 Future Scope	37
REFERENCES	<b>39-39</b>

# LIST OF FIGURES

FIGURES	PAGE NO
Figure 3.2.1: Business Process Model Diagram	14
Figure 3.6.1: Use-Case Diagram	17
Figure 3.7.1: Activity Diagram	18
Figure 3.8.1: Entity-Relationship Diagram	19
Figure 3.9.1: Class Diagram	20
Figure 4.1.1: Block Diagram	21
Figure 5.1.1: Database Collection	25
Figure 5.2.1.1: Home Page	26
Figure 5.2.2.1: Find Consultant Page	27
Figure 5.2.3.1: All Consultants Page	28
Figure 5.2.4.1: Blogs Page	29
Figure 5.2.5.1: About Us Page	30

# LIST OF TABLES

TABLES	PAGE NO
TABLE 3.4.1: HARDWARE REQUIREMENTS TABLE	16
TABLE 3.5.1: SOFTWARE REQUIREMENTS TABLE	16
TABLE 5.4.1: TEST RESULTS AND REPORTS	31

#### **CHAPTER 1**

#### Introduction

#### 1.1 Introduction

During an age characterized by entrepreneurialism and innovation, the "Startup Repair" initiative arises as a user-oriented and dynamic web application that has the potential to fundamentally transform the manner in which aspiring entrepreneurs consult for direction regarding their projects. By establishing a collaborative platform where ambition meets expertise, the project intends to bridge the gap between knowledge-seekers and seasoned consultants. Designed with efficiency and simplicity in mind, "Startup Repair" provides a collection of functionalities that accommodate the needs of users, consultants, and administrators.

The process commences with an intuitive registration system, which grants users uncomplicated access to a network of consultants. By utilizing the search functionality, individuals can efficiently locate consultants by specifying criteria such as names, IDs, or specialties. This streamlines the process of establishing connections with the appropriate experts. The appointment booking system enables users to efficiently schedule appointments, thereby facilitating individualized consultations for tailored guidance.

The project's core consists of dashboards that are tailored to the specific requirements of each role: consumers, consultants, and administrators. By granting users the ability to administer their profiles, monitor appointments, and assess payment histories, a thorough and open experience is guaranteed. In return, consultants derive advantages from functionalities such as online availability status updates, appointment administration, and the capacity to make contributions to the community via blog posts.

In order to enhance the security and dependability of financial transactions, the project incorporates SSLCommerz, thereby bolstering the reliance on the payment procedure. With a dedication to user-centric design and technological advancements, "Startup Repair" aspires to establish itself as a pillar within the startup ecosystem. Its ambition is to transcend the role of a mere platform and transform into a dynamic community where expertise and knowledge intersect, enabling entrepreneurs to flourish through cooperative efforts. The ongoing project aims to revolutionize the consulting industry by providing a nurturing environment that fosters development, achievement, and guidance in the ever-evolving realm of entrepreneurship.

#### 1.2 Motivation

The motivation for undertaking the "Startup Repair" initiative originates from an ingrained conviction in the revolutionary potential of mentorship and collaboration within the startup ecosystem. In light of the difficulties encountered by aspiring entrepreneurs when attempting to navigate the intricacies of their projects, we were inspired to develop a platform that streamlines the consulting procedure and cultivates significant relationships.

As a result of the inherently dynamic nature of the startup voyage, it is common to seek advice from those who have been through comparable obstacles. Our primary objective is to establish a central location where ambition and expertise converge, facilitating a seamless connection between knowledge-seekers and seasoned consultants. Our objective is to provide support to businesses, acknowledging their capacity to instigate progress and influence forthcoming developments.

Furthermore, in the dynamic realm of entrepreneurship, agile solutions are imperative. "Startup Repair" is driven by the ambition to utilize cutting-edge technologies in order to develop a user-friendly and effective platform, including React JS, Tailwind CSS, Node JS, and MongoDB. Our objective is to provide a dependable and secure environment for financial transactions by incorporating SSLCommerz, thereby guaranteeing a reputable experience for both users and consultants.

In essence, the impetus for developing "Startup Repair" transcends the limitations of a rudimentary web application. It signifies a dedication to fostering a community of support in which the interchange of ideas serves as a driving force for achievement. Our embarkation on this endeavor is driven by the aspiration to cultivate an environment that nurtures the development and perseverance of startups, thereby encouraging the proliferation and success of groundbreaking concepts.

# 1.3 Objectives

## 1. Optimize Consultancy Process:

- Simplify the consultancy process by integrating modern technologies, including React JS, Tailwind CSS, Node JS, and MongoDB, to create an intuitive and efficient platform.
- Foster secure and reliable financial transactions through the integration of SSLCommerz for payment processing.

#### 2. Empower Consultants and Users:

- Enable consultants to manage their profiles, track appointments, and contribute to the community through blog posts, fostering an environment of knowledge-sharing.
- Provide users with tools to schedule appointments effortlessly and gain personalized guidance for their entrepreneurial projects.

# 3. Build a Supportive Community:

- Cultivate a vibrant and supportive community where startups can thrive through mentorship, collaboration, and the exchange of knowledge.
- Redefine the consultancy landscape by offering a platform that goes beyond transactional interactions, emphasizing the building of meaningful connections.

#### 4. Contribute to Startup Ecosystem Growth:

- Contribute to the growth of the startup ecosystem by offering a central hub for mentorship, guidance, and collaboration.
- Inspire and support startups in their journey to drive innovation, shape the future, and contribute positively to the entrepreneurial landscape.

#### 5. Ensure Security and Trustworthiness:

- Prioritize the security and trustworthiness of the platform by implementing robust measures for user authentication and secure financial transactions.
- Uphold high standards of data integrity and privacy to build and maintain user confidence in the "Startup Repair" community.

#### 6. Adaptability and Agility:

• Embrace adaptability and agility in technology development, staying attuned to emerging trends and ensuring the platform remains responsive to the evolving needs of the startup community.

#### 7. Facilitate Effortless Connections:

- Enable aspiring entrepreneurs to connect effortlessly with experienced consultants based on specific criteria, such as names, IDs, or specialties.
- Implement a user-friendly registration process to simplify access to the platform.

#### 8. Enhance User Experience with Tailored Dashboards:

- Develop role-specific dashboards for users, consultants, and administrators, providing customized features to meet their distinct needs.
- Offer transparent and comprehensive functionalities, including profile management, appointment tracking, and payment history.

## 1.4 Problem Statement

## 1. Absence of a Supportive Community:

 The startup ecosystem lacks a collaborative space where startups can thrive through knowledge-sharing and meaningful connections, as existing platforms often focus solely on transactional interactions.

#### 2. Challenges in Community Building:

 Building a supportive community within the consultancy space remains a challenge, limiting the potential for startups to benefit from mentorship and collaborative initiatives.

#### 3. Limited Access to Tailored Guidance:

 Aspiring entrepreneurs face challenges in accessing tailored guidance and mentorship for their startup projects due to the absence of a centralized platform connecting them with experienced consultants.

#### 4. Lack of User-Centric Design:

 Existing solutions often lack user-centric design, resulting in a fragmented user experience that hinders seamless interactions between users and consultants.

#### 5. Transparency Issues:

 The current consultancy landscape may suffer from transparency issues, making it difficult for users to track appointments, manage profiles, and review payment histories efficiently.

#### 6. Inefficient Payment Processing:

• The absence of a secure and efficient payment processing system adds complexity to financial transactions, impacting the overall user experience for both consultants and startup founders.

The "Startup Repair" initiative endeavors to develop a secure, transparent, and user-friendly platform that not only resolves these challenges but also cultivates a dynamic community where consultants and startups can flourish in unison.

# 1.5 Proposed System

Understanding the value of a welcoming community, "Startup Repair" seeks to foster an atmosphere where entrepreneurs can prosper by exchanging ideas and making genuine connections. Encourage community-driven support via features like blog posts and collaborative efforts.

To make sure the platform can adapt and be agile, modern technologies like React JS, Tailwind CSS, Node JS, and MongoDB will be smoothly integrated. The system can adapt to the changing needs of the startup community if it stays abreast of current trends.

With the help of the planned system, consultants will be able to keep tabs on their profiles, schedule appointments, and even write blog pieces to share with the community. At the same time, consumers will have access to user-friendly scheduling tools that provide tailored assistance for their business endeavors.

A thorough and user-centric platform to serve the specific needs of aspiring entrepreneurs and experienced consultants is proposed by the "Startup Repair" initiative in response to the issues recognized in the current consultancy landscape.

The plan's key platform, "Startup Repair," would link up-and-coming business owners with seasoned advisers in an efficient and effective manner. In order to address the drawbacks of dispersed consultant services, this consolidation is being implemented to make sure that users can easily get personalized mentoring and assistance.

Improving the user experience is the primary goal of the suggested system's user-centric design. We will optimize functionality and ensure that each user type can navigate the platform with ease by developing tailored dashboards for users, consultants, and administrators. Features like appointment tracking, profile management, and payment history will be available on these dashboards, tailored to each function.

The proposed system prioritizes transparency. A full payment history, real-time appointment tracking, and transparent profile management are just a few of the user-beneficial features. Users are able to take charge of their interactions on the platform because of this transparency. Integrating SSLCommerz into the proposed system will simplify financial transactions and provide efficient and secure payment processing. Consultants and business owners alike will appreciate the streamlined payment processes made possible by this upgrade, which boosts the platform's credibility.

# 1.7 Expected Outcome

Upon the successful implementation of the "Startup Repair" project, the anticipated outcomes encompass a transformative and empowering experience for both aspiring entrepreneurs and experienced consultants within the startup ecosystem.

- Empowered Consultants: Consultants will benefit from comprehensive tools to manage profiles, track appointments, and contribute to the community through blog posts, enhancing their ability to provide valuable guidance.
- 2. **Personalized Guidance for Startups:** Users will have access to intuitive scheduling tools, ensuring personalized guidance for their entrepreneurial projects and contributing to the overall success of their startups.
- 3. **Growth of the Startup Ecosystem:** The anticipated outcome includes contributing to the growth of the startup ecosystem by offering a central hub for mentorship, guidance, and collaboration, fostering innovation and positive contributions to the entrepreneurial landscape.
- **4. Enhanced Accessibility**: Users will enjoy increased access to tailored guidance and mentorship through a centralized platform, fostering a more inclusive and supportive startup community.
- 5. **Seamless User Experience:** The user-centric design and role-specific dashboards will contribute to a seamless and intuitive user experience, ensuring that users, consultants, and administrators can navigate the platform effortlessly.

- 6. **Transparent Interaction Management:** The introduction of transparent functionalities, including profile management, appointment tracking, and payment history, will empower users to actively manage their interactions on the platform.
- **7. Secure and Efficient Transactions:** The integration of SSLCommerz for payment processing will result in secure and efficient financial transactions, instilling confidence in users and consultants alike.
- 8. **Vibrant and Collaborative Community:** The platform's focus on community building, knowledge-sharing, and collaborative initiatives is expected to cultivate a vibrant environment where startups thrive through meaningful connections and shared insights.
- 9. **Adaptive Technological Evolution:** With the integration of modern technologies, the platform will remain adaptable and agile, evolving in response to emerging trends and ensuring it stays at the forefront of the dynamic startup landscape.
- 10. **Building Trust and Confidence:** Upholding high standards of security and transparency is expected to build trust and confidence among users, consultants, and administrators, establishing "Startup Repair" as a reliable and reputable platform within the startup community.

# 1.8 Report Layout

The project report is distributed into below layout:

- 1. The project's instructions, motivation, objectives, Problem statement, Proposed system, expected outcomes, and an overview are all included in chapter one.
- 2. Background analysis, Terminology, Related work, Scope of the problem and Challenges of the project are covered in chapter two.
- 3. In Chapter 3, the project's general description, requirements, the design, the requirement prosperity, and model diagrams are all introduced.
- 4. The design specification, as well as its implementation, application is covered in Chapter 4.
- 5. The project Implementation including database, frontend design and testing are discussed in chapter 5.
- 6. The impact on society and environment included in chapter six.
- 7. Chapter 7 includes conclusion and future scope.
- 8. The sources used for the project are listed in the references section.

#### **CHAPTER 2**

# **Background**

#### 2.1 Introduction

Startups and entrepreneurial ventures have changed the business landscape, requiring a dynamic and supportive ecosystem to help ambitious entrepreneurs and seasoned consultants. The traditional consultant model lacks a central platform for entrepreneurs to connect with experienced mentors, fragmenting and inefficiently sharing knowledge and mentoring. To meet the growing need for a comprehensive and user-centric consultation hub, the "Startup Repair" initiative was created.

Startups boost economic growth and creativity in an age of rapid invention and technology. Entrepreneurship is complicated, requiring fresh ideas, strategic counsel, and mentorship. Existing advisory services, scattered across channels, typically fail to give entrepreneurs with a cohesive and transparent platform for targeted advice and support. Consultants also struggle to contact more clients and manage their connections. Without a centralized infrastructure, startup founders and consultants cannot easily share information and flourish.

The "Startup Repair" project creates a centralized, transparent, and technologically advanced platform to close these gaps. The initiative uses current technologies and efficient tools to foster cooperation, community, and individualized coaching for companies. The project aims to strengthen the startup ecosystem, stimulate innovation, and create a trusted platform for knowledge-sharing and mentorship in the entrepreneurial community.

# 2.2 Terminology

To facilitate a clear understanding of the "Startup Repair" project, the following key terminology is essential:

- Centralized Consultancy Hub: A unified platform serving as the epicenter for startup founders and consultants to connect, collaborate, and exchange knowledge seamlessly.
- ii. **User-Centric Design:** An approach focused on optimizing the platform's design and features to enhance the overall experience for users, consultants, and administrators.

- iii. **Transparent Functionality:** The implementation of open and clear features, such as profile management, appointment tracking, and payment history, ensuring users have full visibility into their interactions.
- iv. **SSLCommerz:** A secure and efficient payment processing solution integrated into the platform to enable seamless financial transactions.
- v. **Community Building:** The intentional effort to cultivate a vibrant and supportive community where startup enthusiasts, founders, and consultants can engage in meaningful interactions and share insights.
- vi. **Adaptive Technology Integration:** The incorporation of modern technologies, including React JS, Tailwind CSS, Node JS, and MongoDB, to ensure the platform remains adaptable and responsive to emerging trends.
- vii. **Personalized Guidance:** The provision of tailored advice and mentorship to startup founders through intuitive scheduling tools and collaborative initiatives.
- viii. **Empowered Consultants:** Equipping consultants with tools to manage profiles, track appointments, and contribute to the community, enhancing their ability to provide valuable guidance.
  - ix. **Growth of the Startup Ecosystem:** The positive impact of the platform on the overall development and success of startups, contributing to the vitality and innovation within the broader entrepreneurial community.
  - x. **Building Trust and Confidence:** Upholding high standards of security and transparency to instill trust and confidence among users, consultants, and administrators, establishing the platform as a reliable and reputable space within the startup community

#### 2.3 Related Work

Upwork, a prominent digital marketplace, has had a substantial impact on the freelance collaboration scene by offering a flexible platform that links professionals with organizations. The adaptability of the platform allows for both short-term projects and long-term partnerships, which is its main strength. Upwork creates a trustworthy and open environment for both clients and freelancers with its strong payment system and extensive review processes.

By reinventing the gig economy and providing a forum where freelancers can demonstrate their expertise through specialized services starting at \$5, Fiverr has carved out a niche for itself. The gig-based business model promotes diversity and creativity in the freelancing market by enabling consultants to offer distinctive services that are catered to their areas of expertise. Within the larger freelancing scene, Fiverr's intuitive design and wide range of service categories stimulate the idea of a gig-centric economy.

TrueLancer markets itself as a global marketplace that links clients with independent contractors. Transparency is highly valued at TrueLancer, where freelancers can display their talents, portfolios, and client testimonials. This dedication to transparency fosters an atmosphere of trust, which is necessary for fruitful freelance partnerships. To improve user experience and project management, TrueLancer also incorporates functions like project tracking and secure payment mechanisms.

Although LightCastle Partners departs from the freelance platform paradigm, it presents an alternative viewpoint with its emphasis on data-driven consulting. LightCastle, a company that specializes in offering data-driven insights and strategic consulting services, is an example of how analytics may be used to make informed decisions. While different from freelance marketplaces, its dedication to using data to make wise decisions can serve as an inspiration for the "Startup Repair" project's analytical integration.

Last but not least, Toptal distinguishes itself by carefully selecting a pool of elite independent contractors. This strategy establishes a high bar for competence and guarantees the caliber of experts on the platform. Toptal exemplifies the value of quality assurance in the freelance consulting industry by continuing to concentrate on connecting clients with highly qualified specialists.

Studying these platforms as a whole sheds light on the many features, methods, and techniques used in the online consulting industry. With this knowledge in hand, we can improve the "Startup Repair" project and make it more competitive in the ever-changing world of online consulting and collaboration.

#### 2.4 Scope of the Problem

The "Startup Repair" project addresses several challenges prevalent in the contemporary startup and consultancy landscape, offering a comprehensive solution that extends its scope across multiple dimensions:

- Fragmented Consultancy Ecosystem: The startup consultancy space often suffers from fragmentation, with entrepreneurs seeking guidance dispersed across various platforms. The "Startup Repair" project aims to centralize this ecosystem, providing a unified platform for consultants and startups to connect, collaborate, and share knowledge seamlessly.
- Lack of Transparent Platforms: Transparency is a crucial factor in building trust within consultancy relationships. Many existing platforms lack transparent functionalities, hindering the ability of startups and consultants to make informed decisions. The "Startup Repair" project addresses this by incorporating features that provide visibility into consultants' profiles, expertise, and success stories.
- Inefficient Payment Systems: Financial transactions between startups and consultants can be cumbersome on some platforms, leading to delays and inefficiencies. By integrating SSLCommerz, the "Startup Repair" project ensures a secure and efficient payment system, simplifying the financial aspect of consultancy services.
- Limited Community Engagement: Successful startups often attribute their growth to community engagement and collaborative environments. The project aims to foster a vibrant community where startups, founders, and consultants can engage in meaningful interactions, share insights, and contribute to the collective growth of the entrepreneurial ecosystem.
- **Technology-Driven Innovation:** The evolving technological landscape presents opportunities for innovative solutions. The "Startup Repair" project leverages modern technologies such as React JS, Tailwind CSS, Node JS, and MongoDB to create an adaptive and responsive platform, aligning with the expectations and preferences of tech-savvy users.
- Gaps in Mentorship and Knowledge Sharing: Many startups face challenges in
  accessing mentorship and tailored guidance. The project seeks to bridge this gap by
  providing a platform where consultants can offer personalized advice, schedule
  appointments, and share valuable insights through blogs. This enhances the overall
  mentorship experience for aspiring entrepreneurs.
- Community-Driven Data Insights: The project's integration of data-driven insights contributes to a dynamic consultancy environment. By facilitating the exchange of

data-driven information and strategic advice, "Startup Repair" empowers startups and consultants with actionable insights, fostering informed decision-making.

## 2.5 Challenges

While the "Startup Repair" project endeavors to revolutionize the startup consultancy landscape, several challenges must be acknowledged and strategically addressed to ensure the project's success and sustained impact:

- 1. User Adoption and Engagement: Encouraging startups and consultants to adopt the platform and actively engage in its community poses a significant challenge. Overcoming resistance to change and effectively communicating the platform's benefits will be crucial in building a vibrant and active user base.
- 2. Quality Assurance and Expertise Validation: Maintaining the quality of consultancy services is paramount. Implementing effective mechanisms to validate the expertise of consultants and ensuring the authenticity of shared knowledge will be a ongoing challenge. Rigorous vetting processes and user reviews may play a critical role in establishing credibility.
- 3. **Security and Data Privacy**: Given the sensitive nature of business information and financial transactions, ensuring robust security measures and stringent data privacy protocols is imperative. Safeguarding user data from potential breaches and unauthorized access will be an ongoing priority to establish and maintain trust.
- **4. Balancing Technology Integration:** While leveraging modern technologies enhances the user experience, striking a balance is essential. Avoiding technology overload and ensuring that the platform remains user-friendly, accessible, and adaptable to a diverse user base will be a persistent challenge.
- 5. **Monetization Strategy**: Developing a sustainable monetization strategy that aligns with the platform's value proposition without hindering user adoption is a delicate balancing act. Identifying revenue streams, such as transaction fees or premium features, while keeping the platform accessible to startups and consultants of varying financial capacities, will require careful consideration.
- **6. Regulatory Compliance**: Navigating the complex landscape of regulatory requirements, particularly in the context of financial transactions and user data, presents a significant challenge. Staying abreast of evolving regulations and ensuring full compliance will be crucial to avoid legal pitfalls.

- 7. **Competition from Established Platforms**: Established consultancy and freelance platforms may already have a substantial user base. Differentiating the "Startup Repair" platform and offering unique value propositions will be essential to attract users away from entrenched competitors.
- **8. Maintaining Community Culture**: As the platform scales, preserving the sense of community and collaboration may become challenging. Implementing strategies to foster meaningful interactions, facilitate knowledge sharing, and prevent the emergence of impersonal transactional relationships will be an ongoing effort.

Addressing these challenges requires a strategic and adaptive approach, involving continuous user feedback, iterative improvements, and a commitment to the project's core values. By proactively tackling these obstacles, the "Startup Repair" project can position itself as a transformative force in the startup consultancy arena.

#### **CHAPTER 3**

# **Requirement Specification**

#### 3.1 Introduction

The requirement specification functions as the fundamental blueprint for the "Startup Repair" project, outlining the critical features and functionalities that are indispensable for the development of the platform. By integrating user registration and authentication procedures, the specification ensures a secure onboarding situation. Utilizing filters for accurate matches, the consultant search and find functionality seeks to facilitate an easy relationship between entrepreneurs and consultants. The fundamental function of the platform is to facilitate effective collaboration between consultants and entrepreneurs through appointment scheduling. By adhering to these stipulations, the endeavor aims to establish a vibrant and user-focused setting, thereby guaranteeing a strong groundwork for the conceptualized revolutionary consulting platform.

#### 3.2 Business Process Model

The Agile Business Process Model, which was implemented for the "Startup Repair" initiative, represents an iterative and dynamic approach that emphasizes collaboration, adaptability, and ongoing enhancement. The procedure commences with collaborative sessions in which stakeholders from diverse domains participate and aid in the development of a comprehensive product backlog and prioritized user stories. Sprint planning sessions ensue, during which user stories are methodically decomposed into feasible tasks, effort estimation is conducted, and priorities are established for the forthcoming sprints.

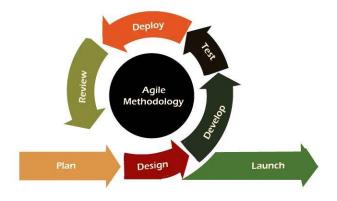


Figure 3.2.1: Business Process Model Diagram

A primary focus is placed on iterative cycles, commonly referred to as two-week sprints, during which cross-functional teams work together in collaboration to accomplish the development tasks. By facilitating issue resolution and promoting timely communication, daily stand-up meetings foster a unified and productive team atmosphere. Consisting of user acceptance testing and automated testing, continuous testing is an essential component of every iteration, guaranteeing the functionality and dependability of features that have been implemented.

Sprint evaluations and retrospectives are routinely carried out, serving as an occasion to exhibit fully developed functionalities, collect feedback, and engage in team performance reflection. The feedback cycle facilitates ongoing improvement by allowing the team to adjust to evolving priorities, new demands, and user anticipations.

Implementation takes place in stages following the completion of each iteration, providing stakeholders with observable advancements. The implementation of continuous integration/deployment pipelines guarantees dependability and efficiency by streamlining and automating the deployment procedure. Once the model has been deployed, it incorporates surveillance mechanisms, including user analytics, which empower the team to extract valuable insights regarding user interactions and behavior. In order to preserve the platform's integrity, bug resolution and monitoring are approached methodically. The implementation of collaborative documentation practices, which encompass living documentation that records iteration outcomes, design decisions, and user stories, guarantees clarity and openness at every stage of the development process.

In anticipation of forthcoming iterations and expansion endeavors, the model incorporates user feedback, market dynamics, and the ever-changing startup consulting landscape as guiding factors. By adopting this comprehensive strategy, the project can effectively achieve its objectives of providing a dependable, adaptable, and client-focused consulting platform. Continuous and incremental development is a key principle of the Agile methodology, wherein every sprint signifies a targeted iteration. Daily impromptu meetings play a critical role in facilitating communication, promoting openness, and resolving any issues that may arise. To maintain a stable and dependable codebase, development activities prioritize continuous integration, ensuring that code modifications are routinely tested and seamlessly integrated.

A sprint review and demonstration occurs at the conclusion of each sprint, affording the development team the chance to present the finished features to stakeholders, collect feedback, and implement any required modifications. The flexibility and adaptability afforded by this iterative process enable the "Startup Repair" initiative to effectively address evolving market trends, user feedback, and shifting requirements. The Agile business process model functions as a flexible structure that encourages cooperation, adaptability, and the gradual provision of a resilient agricultural e-commerce platform.

# 3.3 Requirement Collection and Analysis

The Requirement Collection and Analysis phase for "Startup Repair" is crucial, recognizing and recording stakeholder needs to guide the project. This phase lays the groundwork for the agricultural ecommerce platform's development with collaborative workshops, user stories, and use cases. Identifying important stakeholders and having comprehensive discussions helps create a user-centric and functionally robust platform that fits user, consultant, and administrators' expectations.

# 3.4 Hardware Requirements

TABLE 3.4.1: HARDWARE REQUIREMENTS TABLE

Processor	Intel i3 Processor
Motherboard	HP EliteBook 840 g2
RAM	Minimum storage of ram is 4GB
Internet Card	Whatever kind of internet card
Graphics Card	Any
Hard Disk	Minimum 50GB

# **3.5 Software Requirements**

TABLE 3.5.1: SOFTWARE REQUIREMENTS TABLE

Visual Studio Code	Minimum 1.0.0
NodeJS	15.0.1
Operating System	Windows/Mac
Browser	Google Chrome

# 3.6 Use-Case Diagram

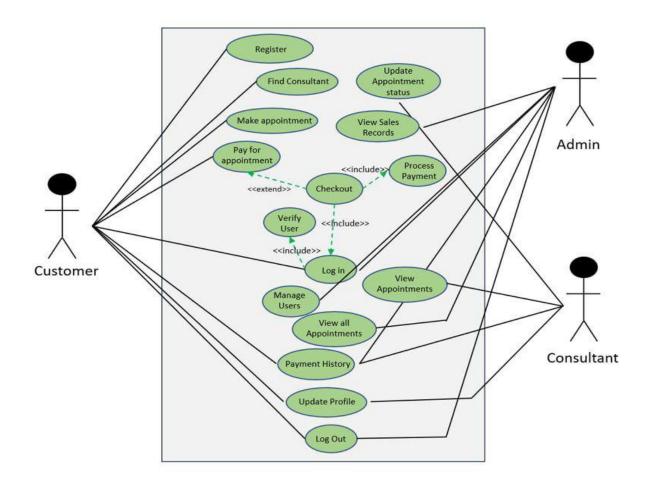


Figure 3.6.1: Use-Case Diagram

# 3.7 Activity Diagrams

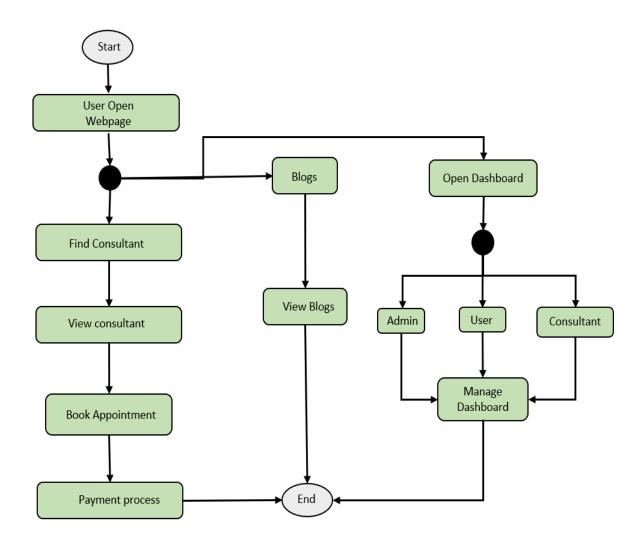


Figure 3.7.1: Activity Diagram

# 3.8 Entity-Relationship Diagram

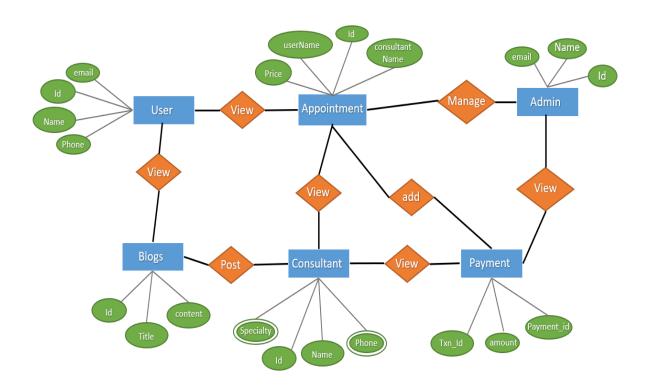


Figure 3.8.1: Entity-Relationship Diagram

# 3.9 Class diagram

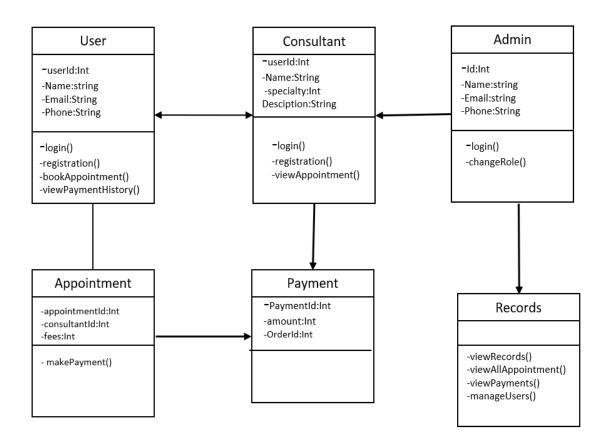


Figure 3.9.1: Class Diagram

#### **CHAPTER 4**

# **Design Specification**

# 4.1 Front-End Design

The "Startup Repair" project's front-end design has been meticulously constructed to provide users with a smooth and straightforward experience. By adhering to the tenets of user-centric design, the interface showcases an aesthetically pleasing and uncluttered design, which guarantees effortless navigation for administrators, consultants, and startups equally. By increasing accessibility across a range of devices, responsive design elements promote a consistent and engaging user experience. Key functionalities, including user registration, consultant search, appointment scheduling, and dashboard administration, are guided by intuitive user interfaces. The deliberate integration of the React JS library enables the seamless and contemporary presentation of content, whereas Tailwind CSS enhances the overall sophistication. The front-end design places equal emphasis on functionality and aesthetics, creating a visually appealing and user-friendly environment that supports the project's objective of enabling smooth collaboration among startup consultancy ecosystem participants.

# 4.1.1 Block Diagram of Frontend

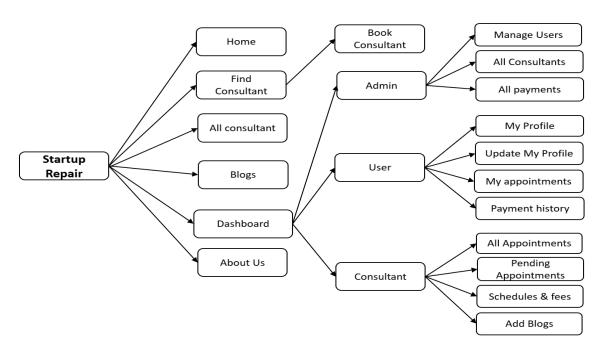


Figure 4.1.1: Block Diagram

# 4.2 Back-End Design

The back-end design of the "Startup Repair" project has been carefully crafted to establish a resilient and expandable framework for the operation of the platform. By utilizing Node.js and Express.js, the back-end architecture guarantees streamlined integration with the MongoDB database, effective management of data interactions, and user authentication. RESTful API endpoints are purposefully engineered to facilitate seamless communication between the front-end and back-end components. These endpoints provide support for critical functionalities including consultant profiles, payment processing, user administration, and appointment scheduling. Security measures are strengthened through the use of JWT, which enables secure user authentication and authorization. By meticulously evaluating server-side logic and data structures, the back-end design establishes a foundation for a dependable and adaptable consulting platform by giving precedence to performance, scalability, and maintainability. Technology used-

- NodeJS
- Express JS
- MongoDB
- SSLCommerze

# **4.3 Implementation Requirements**

## **Front-End Implementation:**

# 1. User Interface Development:

- Utilize React.js to create dynamic and responsive user interfaces that align with the design specifications.
- Implement components for user registration, consultant search, appointment scheduling, and user dashboards.

#### 2. Interactivity and State Management:

- Leverage React state and props to manage the dynamic content and interactivity of the user interface.
- Implement state management solutions, such as Redux or Context API, to ensure efficient data flow and updates.

#### 3. API Integration:

• Connect the front-end to the back-end through RESTful API endpoints, enabling seamless data exchange.

• Implement asynchronous requests using tools like axios to fetch and send data between the client and server.

#### 4. User Authentication:

- Integrate JWT-based user authentication for secure login and registration processes.
- Implement private routes and authorization mechanisms to control access to specific features based on user roles.

#### **Back-End Implementation:**

#### 1. Server-Side Logic:

- Develop server-side logic using Node.js and Express.js to handle incoming requests and execute the necessary operations.
- Implement middleware functions for tasks like authentication, error handling, and request parsing.

## 2. Database Integration:

- Utilize MongoDB for data storage and retrieval, creating collections and documents that align with the defined data models.
- Implement CRUD (Create, Read, Update, Delete) operations to manage user profiles, consultant information, appointments, and payments.

#### 3. RESTful API Endpoints:

- Design and implement RESTful API endpoints for each major feature, ensuring a standardized and scalable approach to data interaction.
- Include endpoints for user management, consultant profiles, appointment scheduling, and payment processing.

#### 4. Security Measures:

- Implement security measures such as data validation, sanitation, and encryption to protect against common vulnerabilities.
- Integrate HTTPS for secure data transmission and implement best practices for secure coding.

#### 5. Testing and Debugging:

- Conduct thorough testing of both front-end and back-end components to identify and address bugs, ensuring the reliability of the entire system.
- Use testing frameworks like Jest and Super test for automated testing of server-side logic and API endpoints.

# 6. Deployment:

- Deploy the application on a hosting platform, ensuring proper configuration of server environments and database connections.
- Implement continuous integration and deployment (CI/CD) pipelines for streamlined and automated deployment processes.

## **CHAPTER 5**

# **Implementation and Testing**

# **5.1 Implementation of Database**

The database implementation for the "Startup Repair" project entails the establishment of 'startup-repair' MongoDB database, which will function as the primary repository for a variety of data entities. The designated collections for representing user profiles, blog content, appointment details, and payment history, respectively, are "usersCollection", "blogsCollection", "appointmentsCollection", and "paymentsCollection". In accordance with the specifications of the project, the data models are rigorously defined with respect to fields, data types, and relationships. Priority is given to the implementation of query optimization and efficient indexing in order to improve the efficacy of data retrieval. Systematically establishing CRUD operations for each collection guarantees the smooth administration of data interactions.

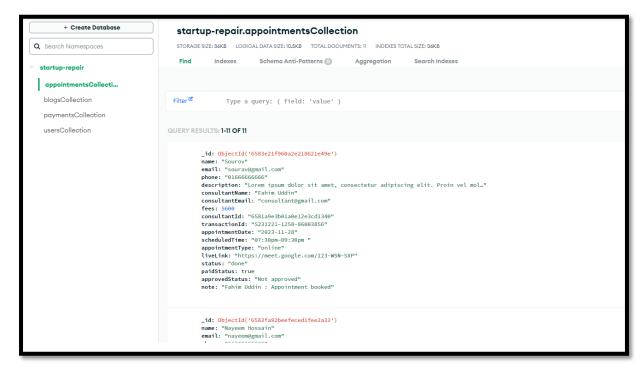


Figure 5.1.1: Database Collections

The integration of robust validation and sanitization mechanisms ensures the preservation of data integrity and security. A secure connection is established between the Node.js server and the MongoDB database. This connection is configured with authentication credentials and connection parameters. Integration and unit tests, in addition to other exhaustive error management and testing procedures, serve to bolster the dependability of database interactions. In the final stage, factors such as backup and deployment strategies are taken

into account to guarantee a scalable and resilient database environment during the production phase.

There are 4 collections in the "Startup Repair" database. These are list

- 1. appointmentsCollection
- 2. usersCollection
- 3. blogsCollection
- 4. paymentsCollection

# 5.2 Implementation of Front-End Design

# **5.2.1 Home Page**

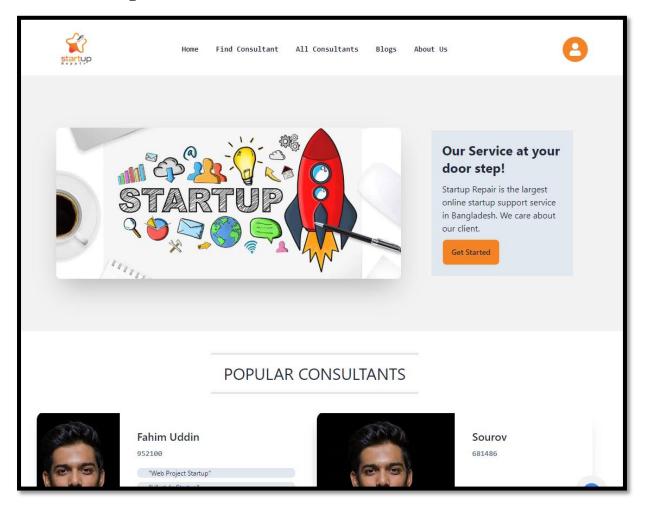


Figure 5.2.1.1: Home Page

In the landing page or home page, a user will see the beautiful user interface of "Startup Repair". In the banner section there is a welcoming picture and some navigation option in navigation bar at the top.

# 5.2.2 Find Consultant Page

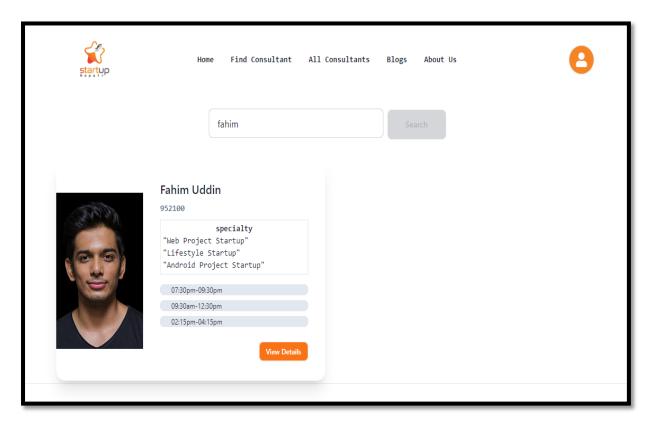


Figure 5.2.2.1: Find Consultant Page

In "Find Consultant" page user have to input the name/ unique id number that can be provided by the consultant / specialty of the consultant. Then user can find the respective consultants which match the search keywords. Then user can book the consultant by completing the payment process.

# **5.2.3** All Consultants Page

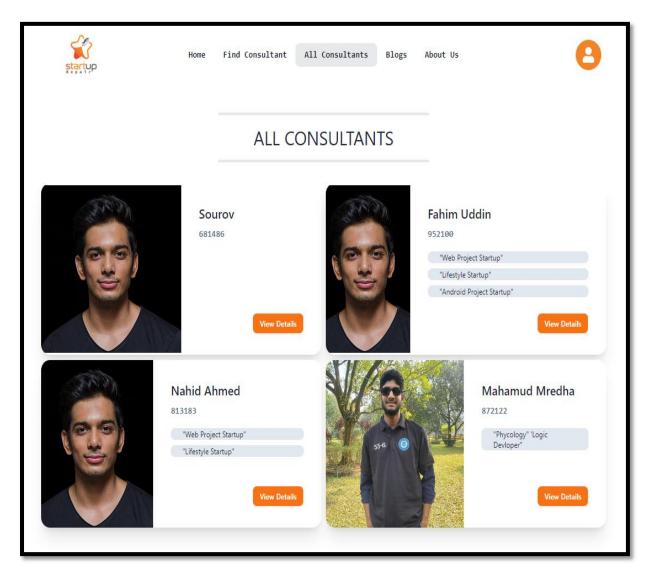


Figure 5.2.3.1: All Consultants Page

In "All Consultants" page user can find all the consultant that in the platform enrolled. And there also the details of the consultant in view details page.

# 5.2.4 Blogs Page

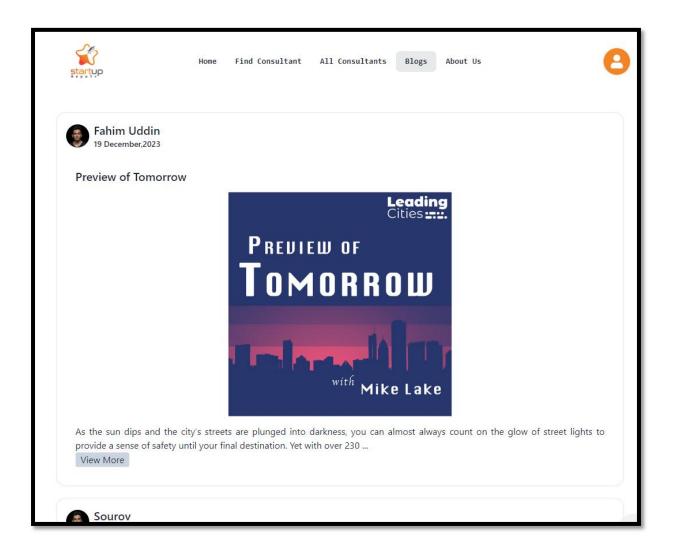


Figure 5.2.4.1: Blogs Page

"Blogs" page contains all the blogs that have been added by the consultant for the end user or others so that the user can be benefited or get up to date.

## 5.2.4 About Us Page

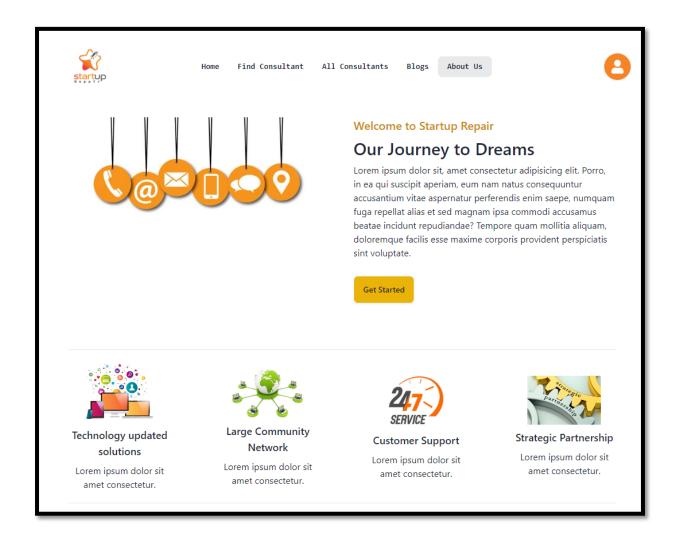


Figure 5.2.5.1: About Us Page

Here in this page user can find the details of "Startup Repair" teams and authority. One can communicate with us by using the contacts information here.

# **5.3 Testing Implementation**

The phase of testing implementation holds significant importance in the "Startup Repair" project as it serves to verify the overall system's dependability, functionality, and security. This comprehensive methodology incorporates evaluation of both the front-end and backend, utilizing an assortment of frameworks and tools to analyze distinct facets of the application. The principal objective is to detect and resolve potential concerns, thereby guaranteeing a smooth and flawless user experience. Front-end testing focuses on the visual and interactive elements, as well as the responsiveness, of the user interface. It employs

comprehensive coverage through the use of tools such as Jest, React Testing Library, Selenium, or Cypress. Back-end testing is concerned with the verification of database interactions, API endpoints, and server-side logic. To ensure thorough testing, Mocha, Chai, and Super test are utilized. End-to-end testing evaluates the overall functionality of a system by simulating real-world user scenarios. By incorporating rigorous testing procedures, the "Startup Repair" platform not only improves its overall quality but also fosters user trust in its functionality and security.

# **5.4 Test Results and Reports**

TABLE 5.4.1: TEST RESULTS AND REPORTS

SL.	Test Name	Expected Result	Result
01	User Registration	User created successfully	Successful
02	User Login	User Authentication ok	Ok
03	User Authorization	Can determine admin and normal user	Successful
04	Dashboard authorization for each user	successful	Successful
05	Updating user info	updated	Successful
06	APIs integration	Fetching Data	Fetching
07	Payment method	Pay to SSLcommerze	Successful

#### **CHAPTER 6**

## **Impact on Society and Environment**

# **6.1 Impact on society**

The "Startup Repair" project has the potential to make a substantial impact on society by addressing critical needs within the startup consultancy ecosystem. The platform's multifaceted features and functionalities contribute to fostering collaboration and support among users, consultants, and administrators. Here are several ways in which the project could positively impact society:

- Entrepreneurial Support: The platform offers a centralized hub where aspiring entrepreneurs can seek guidance and support from experienced consultants. This support can significantly enhance the success rate of startup ventures, fostering innovation and economic growth.
- Career Opportunities for Consultants: Consultants, particularly those with expertise in various domains, can leverage the platform to expand their reach and connect with a diverse clientele. This not only benefits individual consultants but also contributes to the growth of the consultancy industry.
- **Knowledge Sharing and Learning:** The incorporation of features such as blogs and user profiles encourage knowledge sharing and continuous learning within the startup community. This collaborative environment helps disseminate valuable insights and best practices.
- Enhanced Access to Consultancy Services: The platform facilitates streamlined access to consultancy services, breaking down geographical barriers. Users from various locations can connect with consultants relevant to their needs, democratizing access to expertise.
- Economic Development: By supporting startups and entrepreneurs, the "Startup Repair" project contributes to economic development.

Successful startups can generate employment opportunities, stimulate local economies, and drive innovation.

- Efficient Appointment Management: The appointment scheduling system streamlines the consultancy process, ensuring efficient time management for both users and consultants. This can lead to improved productivity and more effective utilization of resources.
- Transparent Payment Processes: The integration of a secure payment system enhances transparency in financial transactions between users and consultants. This reliability fosters trust and contributes to the overall credibility of the platform.
- Educational Impact: The platform's emphasis on blogs and knowledgesharing features can serve as an educational resource for individuals interested in entrepreneurship and consultancy. It provides insights into real-world experiences and industry trends.
- Technological Advancement: Leveraging modern technologies such as React.js, Node.js, and MongoDB, the project contributes to the technological advancement of the startup consultancy sector. This adoption of innovative technologies can inspire similar advancements in related industries.
- Community Building: The creation of user, consultant, and admin dashboards fosters a sense of community among platform users. This community-building aspect can lead to collaborative initiatives, networking opportunities, and the formation of valuable professional connections.

#### **6.2 Impact on environment**

While the direct impact of the "Startup Repair" project on the environment may be indirect compared to projects with explicit environmental goals, there are several aspects where its implementation can contribute to sustainability and environmental responsibility:

- Reduced Physical Meetings: By facilitating online consultations and appointments, the platform reduces the need for physical meetings and travel. This can result in a decrease in carbon emissions associated with commuting, contributing to a more sustainable approach to business interactions.
- Paperless Transactions: The integration of secure online payment methods eliminates the need for paper-based transactions. This reduction in paper usage aligns with environmentally friendly practices by minimizing resource consumption and lowering the environmental impact associated with paper production and waste.
- **Encouraging Green Practices:** The platform can incorporate features or information encouraging consultants and users to adopt environmentally friendly practices within their businesses. This might include guidance on sustainable business operations or eco-friendly initiatives.
- Digital Knowledge Sharing: The emphasis on blogs and knowledge-sharing features promotes the exchange of information in a digital format.
   This reduces reliance on printed materials and encourages the dissemination of knowledge in an eco-friendly manner.
- **Energy-Efficient Technologies:** The project's use of modern and energy-efficient technologies, such as serverless architecture, can contribute to a reduction in overall energy consumption. Leveraging cloud services effectively can lead to more sustainable hosting solutions.
- Remote Work Opportunities: By supporting remote work for consultants and users, the platform indirectly contributes to reducing the carbon footprint associated with commuting. This aligns with global trends toward more flexible and sustainable work arrangements.
- Green Hosting Practices: The choice of hosting providers and their commitment to green and sustainable practices can further influence the

- environmental impact of the project. Opting for hosting solutions with renewable energy sources can contribute to an eco-friendlier footprint.
- Environmental Awareness: The platform can include features or campaigns that promote environmental awareness and responsibility within the startup community. This may include highlighting the importance of sustainable business practices or partnering with environmentally focused organizations.

#### **CHAPTER 7**

## **Conclusion and Future Scope**

#### 7.1 Conclusion

The "Startup Repair" initiative signifies an all-encompassing and groundbreaking resolution with the purpose of fundamentally transforming the startup consulting domain. By incorporating state-of-the-art technologies and prioritizing user needs, the platform effectively tackles significant obstacles encountered by administrators, consultants, and entrepreneurs. The project's achievements are emphasized by its extensive range of features, which include user authentication and registration, consultant identification and scheduling, and user, consultant, and administrator interfaces that are exceptionally robust.

The platform's influence transcends technological boundaries and encompasses societal and economic aspects as well. By promoting cooperation, the exchange of information, and assistance among members of the startup community, "Startup Repair" serves as a catalyst for entrepreneurial achievement. The accessibility and user experience are improved through the utilization of user-friendly interfaces powered by React.js and Tailwind CSS. Additionally, the back-end infrastructure, constructed with Node.js and MongoDB, ensures scalability, efficiency, and security.

By judiciously integrating SSLCommerz to facilitate secure online payments, the platform enhances its credibility and fosters user confidence. The project's dedication to environmental stewardship is apparent in its implementation of electronic transactions, reduced reliance on in-person meetings, and promotion of environmentally sustainable practices.

Upon its culmination, the project imparts a lasting impact on the startup consultancy sector, exemplifying the fundamental values of collaboration, sustainability, and innovation. "Startup Repair" exemplifies the potential that emerges from the convergence of cutting-edge technology and an in-depth comprehension of user requirements. By virtue of its capacity to enable entrepreneurs, generate economic prospects, and promote environmental awareness, the undertaking establishes a standard for forthcoming startup support platforms. The progression from conception to execution highlights the importance of adopting a comprehensive perspective, in which technology functions as a facilitator for beneficial transformations in society and the economy. In summary, "Startup Repair" not only achieves

its technical goals but also presents a vision of a future in which consultants prosper, startups flourish, and innovation is limitless.

## 7.2 Future Scope

The future scope of the "Startup Repair" project holds promising opportunities for expansion, enhancement, and continued impact in the dynamic landscape of startup consultancy. Several avenues for growth and development can be explored to ensure the project remains relevant and responsive to emerging trends and user needs. Here are key areas of future scope for the "Startup Repair" platform:

- 1. **Diversification of Consultancy Services:** Explore opportunities to broaden the range of consultancy services offered on the platform. Introduce specialized categories or industry-specific expertise to cater to a more diverse set of entrepreneurial needs.
- 2. **Integration of Real-time Communication Tools:** Enhance the consultation experience by integrating real-time communication tools. Consider incorporating features like video calls and instant messaging to facilitate seamless and immediate interactions between users and consultants.
- 3. Implementing a Ratings and Reviews System: Introduce a robust ratings and reviews system for both users and consultants. This will not only provide valuable feedback but also establish a reputation mechanism, aiding users in selecting the most suitable consultants for their specific requirements.
- 4. **Incorporation of AI-driven Chatbots:** Leverage artificial intelligence to implement chatbots that can assist users in navigating the platform, scheduling appointments, and accessing relevant information. This AI-driven support can enhance user engagement and satisfaction.
- 5. Enhanced Data Security Measures: Strengthen data security protocols to safeguard user information and transaction details. Consider implementing advanced encryption techniques and regular security audits to ensure a secure environment for all platform users.
- 6. **Introduction of a Referral Program:** Implement a referral program to incentivize users and consultants to bring in new members to the platform. This can help in organically growing the user base while rewarding those who contribute to the platform's expansion.
- 7. **Integration with External APIs:** Explore partnerships and integrations with external APIs to enrich the platform's features. This could involve integrating with popular

- project management tools, communication platforms, or financial software to provide a comprehensive user experience.
- 8. **Development of a Mobile Application:** Create dedicated mobile applications for iOS and Android platforms to ensure a seamless user experience on mobile devices. A mobile app can enhance accessibility and convenience for users and consultants on the go.
- 9. **Collaboration with Industry Influencers:** Establish partnerships with industry influencers and thought leaders in startup ecosystems. Their involvement can add credibility to the platform and attract a broader audience of users and consultants.
- 10. Regular User Feedback Surveys: Conduct regular user feedback surveys to gather insights into user preferences, pain points, and suggestions for improvement. Use this feedback to iteratively enhance the platform based on the evolving needs of the community.
- 11. **Inclusion of Legal Consultancy Services:** Consider expanding the scope of consultancy services to include legal expertise. This can address legal challenges commonly faced by startups and provide users with valuable insights into navigating legal complexities.
- 12. **Development of a Knowledge Repository:** Create a comprehensive knowledge repository within the platform, housing articles, whitepapers, and resources relevant to startup challenges. This repository can serve as a valuable self-help resource for users and consultants.
- 13. **Implementation of a Loyalty Program:** Introduce a loyalty program to reward frequent users and consultants. Loyalty points, discounts, or exclusive benefits can incentivize continued engagement and foster a sense of community within the platform.

#### **References:**

- [1] Find the best global talent, available at << <a href="https://www.fiverr.com">https://www.fiverr.com</a>>>, last accessed on 28-12-2023 at 09:00 PM.
- [2]Management Consulting In Bangladesh | LightCastle Partners, available at << https://www.lightcastlebd.com>>>, last accessed on 28-12-2023 at 09:10 PM.
- [3] Hire Freelancers & Find Freelance Jobs Online Truelance , available at << <a href="https://www.truelancer.com">https://www.truelancer.com</a>>>, last accessed on 28-12-2023 at 09:12 PM.
- [4]We connect expertly vetted talent with world-class clients, available at <<<u>https://www.toptal.com/?gclid=Cj0KCQiA1rSsBhDHARIsANB4EJaOwRfoHL-</u>
- <u>cLC9mvcNG7qub3Lbp7ggvb1O0XK8-9IHAY1Fc vBt154aAh9IEALw wcB</u>>>, last accessed on 28-12-2023 at 09:05 PM.
- [5]J. Lai, R. Zin, and K. Yahya, "A Conceptual Review of Engineering Consultancy Practice (ECP) Business Model," Archives of Business Research, vol. 2, no. 4, pp. 161–173, Aug. 2014, doi: 10.14738/abr.24.398.
- [6] W3Schools Online Web Tutorials, available at << https://www.w3schools.com >> last accessed on 28-12-2023 at 09:20 PM.
- [7]React Hook Form performant, flexible and extensible form library, available at << <a href="https://react-hook-form.com">https://react-hook-form.com</a>> last accessed on 16-12-2023 at 09:25 PM.
- [8]Tailwind CSS Rapidly build modern websites without ever leaving your HTML, available at << https://tailwindcss.com>> last accessed on 16-12-2023 at 09:34 PM.
- [9] MongoDB: The Developer Data Platform, available at << <a href="https://www.mongodb.com/">https://www.mongodb.com/</a>>> last accessed on 28-12-2023 at 09:41 PM.
- [10] React Reference Overview React, available at << <a href="https://react.dev/reference/react">https://react.dev/reference/react</a>>> last accessed on 28-12-2023 at 09:55 PM.
- [11]daisyUI Tailwind CSS Components, available at << <a href="https://daisyui.com/">https://daisyui.com/</a>>> last accessed on 16-12-2023 at 08:50 PM.

# STARTUP REPAIR AN ONLINE STARTUP PROJECT CONSULTANCY PLATFORM

ORIGIN	ALITY REPORT				
	5% ARITY INDEX	14% INTERNET SOURCES	0% PUBLICATIONS	12% STUDENT	
PRIMAR	RY SOURCES				
1	dspace.d	laffodilvarsity.e	du.bd:8080		10%
2	Submitte Student Paper	ed to Daffodil Ir	nternational U	niversity	2%
3	Submitte Student Paper	2%			
4	Submitte Student Paper	ed to VIT Univer	rsity		<1%
5	Submitte Student Paper	ed to Universiti	Tunku Abdul I	Rahman	<1%
6	Submitte Student Paper	<1%			
7	Submitted to Taylor's Education Group  Student Paper				<1%
8	Submitte Banglade Student Paper	ed to University	of Liberal Art	S	<1%