



**Business Information
Systems Faculty of
Commerce and Business
Administration
Helwan University**



Writer's Corner

Project No. (24)

➤ Team Members

| | | |
|----|---------------------|-----------|
| 1. | Basma Medhat Ahmed | 512190948 |
| 2. | Alaa Yasser Nashaat | 512190909 |
| 3. | Nabil Sobhy Shafik | 512191621 |
| 4. | Bassant Sayed Gabr | 512190958 |
| 5. | Eyad Walid Ahmed | 512192700 |
| 6. | Adam Mohamed Ahmed | 512190869 |

Supervisors

(IT)

Prof. Dr. Amira Mohy EL-Dien

(Business)

Prof. Dr. Hend Owda

Year 2024

TABLE OF CONTENTS

| Content | Page |
|--|-------------|
| CHAPTER ONE: INTRODUCTION | 8 |
| CHAPTER TWO: BUSINESS PLAN | 17 |
| CHAPTER THREE: SYSTEM ANALYSIS | 27 |
| CHAPTER FOUR: SYSTEM DESIGN | 54 |
| CHAPTER FIVE: SYSTEM IMPLEMENTATION | 59 |
| CHAPTER SIX: TESTING METHODOLOGY | 80 |
| CHAPTER SEVEN: CONCLUSION AND FUTURE WORK | 125 |
| REFERENCE | 127 |

Abstract

Are you an aspiring writer? Have you ever dreamed of a place where you, as a writer, can publish your books from the comfort of your own home with minimal cost and the highest quality? Have you ever envisioned being able to interact with the readers of your books to further enrich your writing?

Are you a devoted reader, longing for a space to immerse yourself in beloved stories and engage with the authors who bring them to life?

Your search ends here.

At Writer's Corner, we are a platform that caters to both writers and readers. For our readers, we offer a diverse selection of published books across various genres to ensure an enriching reading experience. We prioritize quality and affordability, providing high-standard books at competitive prices. Whether you're delving into timeless favorites or the latest releases, every purchase guarantees value.

As for writers, we believe that every talented writer deserves the chance to have their work published and appreciated by a wide audience. However, the outdated practices and corrupt nature of traditional publishing should not hinder aspiring writers from achieving their goals. While self-publishing can present challenges, writers can effectively market their books and navigate potentially fraudulent activities with the right knowledge and resources.

Our platform offers a complete solution for budding authors seeking to release their books conveniently from their own homes. The process is simple: writers submit their completed, polished manuscript, and we handle the rest. We function as a fully equipped publishing firm, providing professional editors to ensure that the content is copyrighted, plagiarism-free, and ready for publication and by also marketing the books digitally and traditionally. Once the editorial process is complete

Importantly, our reasonable, transparent fees enable new writers to easily share their work with the world without the daunting expenses often associated with traditional publishing methods. We believe talented authors should be

empowered to bypass the gatekeepers and connect directly with readers. Our convenient, end-to-end service guarantees that novice writers can publish their work confidently and without unnecessary hassle or hidden costs.

So, let us handle the details of publishing your book while you focus on your creative process. Submit your manuscript today and bypass the obstacles of traditional publishing with our comprehensive services and unwavering support. Whether you're a writer or a reader, Writer's Corner is the perfect place for you. Embark on a literary journey: Explore, create, and connect at our immersive Literary Oasis & Writer's Haven!"

Dedication

At Writer's Corner, we are deeply committed to using our platform as a force for good, extending our efforts beyond the realm of literature. With heavy hearts, we recognize the immense challenges faced by the people of Gaza, many of whom have been displaced from their homes and deprived of the most necessities for survival.

It is our fervent hope that one day soon, these resilient individuals will be able to return safely to the comfort and security of their own homes. Until then, we dedicate our work to uplifting their spirits and amplifying their stories.

Through the power of the written word, we aspire to provide a glimmer of hope, comfort, and inspiration to those who have endured unimaginable hardships. May our books and the collective efforts of our global community serve as a testament to the indomitable human spirit and the transformative potential of compassion and solidarity.

CLARATION

We hereby certify that this material is entirely my work, that I have exercised reasonable care to ensure that the work is original and does not to the best of my knowledge breach any law of copyright and has not been taken from the work of others save and to the extent that such work has been cited and acknowledged within the text of my work.

Signed:

- Basma Medhat Ahmed Shawky Faramawy Nassar
- Alaa Yasser Nashat
- Nabil Sobhy Shafik
- Basant Sayed Gaber
- Eyad Walid Ahmed
- Adam Mohamed Ahmed

Registration No.: 24

Date: 23/6/2024

List of Figures

Chapter Two:

| | |
|-------------------------|-----------|
| Figure 2.1 | 23 |
| Figure 2.2 | 23 |
| Figure 2.3 | 23 |

Chapter Three:

| | |
|--------------------------|-----------|
| Figure 3.1 | 35 |
| Figure 3.2 | 36 |
| Figure 3.3 | 37 |
| Figure 3.4 | 39 |
| Figure 3.5 | 40 |
| Figure 3.6 | 41 |
| Figure 3.7 | 41 |
| Figure 3.8 | 42 |
| Figure 3.9 | 43 |
| Figure 3.10..... | 44 |
| Figure 3.11 | 45 |
| Figure 3.12 | 46 |
| Figure 3.13 | 47 |
| Figure 3.14 | 48 |
| Figure 3.15 | 49 |
| Figure 3.16 | 50 |
| Figure 3.17 | 51 |
| Figure 3.18 | 52 |

Chapter Four:

| | |
|-------------------------|-----------|
| Figure 4.1 | 54 |
| Figure 4.2 | 56 |
| Figure 4.3 | 58 |

Chapter Five:

| | |
|--------------------------|-----------|
| Figure 5.1 | 59 |
| Figure 5.2 | 60 |
| Figure 5.3 | 60 |
| Figure 5.4 | 60 |
| Figure 5.5 | 61 |
| Figure 5.6 | 61 |
| Figure 5.7 | 62 |
| Figure 5.8 | 62 |
| Figure 5.9 | 63 |
| Figure 5.10 | 63 |
| Figure 5.11 | 64 |
| Figure 5.12 | 65 |
| Figure 5.13 | 65 |
| Figure 5.14 | 65 |
| Figure 5.15 | 66 |
| Figure 5.16 | 66 |
| Figure 5.17 | 67 |
| Figure 5.18 | 67 |
| Figure 5.19 | 68 |
| Figure 5.20 | 69 |
| Figure 5.21 | 69 |
| Figure 5.22 | 70 |
| Figure 5.23 | 70 |
| Figure 5.24 | 71 |
| Figure 5.25 | 71 |
| Figure 5.26 | 72 |
| Figure 5.27 | 72 |
| Figure 5.28 | 73 |
| Figure 5.29 | 73 |
| Figure 5.30 | 74 |
| Figure 5.31 | 74 |

| | |
|--------------------------|-----------|
| Figure 5.32 | 75 |
| Figure 5.33 | 75 |
| Figure 5.34 | 76 |
| Figure 5.35 | 76 |
| Figure 5.36 | 77 |
| Figure 5.37 | 77 |
| Figure 5.38 | 78 |
| Figure 5.39 | 78 |
| Figure 5.40 | 79 |
| Figure 5.41 | 79 |

Chapter Six:

| | |
|--------------------------|-----------|
| Figure 6.1 | 81 |
| Figure 6.2 | 81 |
| Figure 6.3 | 82 |
| Figure 6.4 | 83 |
| Figure 6.5 | 83 |
| Figure 6.6 | 84 |
| Figure 6.7 | 84 |
| Figure 6.8 | 85 |
| Figure 6.9 | 85 |
| Figure 6.10 | 86 |
| Figure 6.11 | 87 |
| Figure 6.12 | 88 |
| Figure 6.13 | 88 |
| Figure 6.14 | 89 |
| Figure 6.15 | 89 |
| Figure 6.16 | 90 |
| Figure 6.17 | 91 |
| Figure 6.19 | 92 |
| Figure 6.20 | 92 |
| Figure 6.21 | 93 |

| | |
|--------------------------|------------|
| Figure 6.22 | 93 |
| Figure 6.23 | 94 |
| Figure 6.24 | 94 |
| Figure 6.25 | 95 |
| Figure 6.26 | 95 |
| Figure 6.27 | 96 |
| Figure 6.28 | 96 |
| Figure 6.29 | 97 |
| Figure 6.30 | 97 |
| Figure 6.31 | 98 |
| Figure 6.32 | 98 |
| Figure 6.33 | 99 |
| Figure 6.34 | 99 |
| Figure 6.35 | 100 |
| Figure 6.36 | 101 |
| Figure 6.37 | 102 |
| Figure 6.38 | 103 |
| Figure 6.39 | 104 |
| Figure 6.40 | 105 |
| Figure 6.41 | 106 |
| Figure 6.42 | 107 |
| Figure 6.43 | 108 |
| Figure 6.44 | 108 |
| Figure 6.45 | 109 |
| Figure 6.46 | 109 |
| Figure 6.47 | 110 |
| Figure 6.48 | 110 |
| Figure 6.49 | 111 |
| Figure 6.50 | 111 |
| Figure 6.51 | 112 |
| Figure 6.52 | 112 |
| Figure 6.53 | 113 |

| | |
|-------------------------|------------|
| Figure 6.54..... | 114 |
| Figure 6.55..... | 114 |
| Figure 6.56..... | 115 |
| Figure 6.57..... | 115 |
| Figure 6.58..... | 116 |
| Figure 6.59..... | 116 |
| Figure 6.60..... | 117 |
| Figure 6.61..... | 117 |
| Figure 6.62..... | 118 |
| Figure 6.63..... | 118 |
| Figure 6.64..... | 119 |
| Figure 6.65..... | 119 |
| Figure 6.66..... | 120 |
| Figure 6.67..... | 121 |
| Figure 6.68..... | 121 |
| Figure 6.69..... | 122 |
| Figure 6.70..... | 122 |
| Figure 6.71..... | 123 |
| Figure 6.72..... | 123 |
| Figure 6.73..... | 124 |

List of Tables

Chapter One:

| | |
|------------------------------------|-----------|
| Table 1.1 (Time plan) | 21 |
|------------------------------------|-----------|

Chapter Two:

| | |
|--|-----------|
| Table 2.1 (Swot Analysis) | 24 |
|--|-----------|

| | |
|---|-----------|
| Table 2.2 (Financial Plan) | 30 |
|---|-----------|

| | |
|--|-----------|
| Table 2.3 (Working Capital) | 30 |
|--|-----------|

| | |
|---------------------------------------|-----------|
| Table 2.4 (Loan Payment) | 30 |
|---------------------------------------|-----------|

| | |
|---|-----------|
| Table 2.5 (Owner's equity) | 30 |
|---|-----------|

| | |
|-----------------------------------|-----------|
| Table 2.6 (Salaries) | 30 |
|-----------------------------------|-----------|

| | |
|--------------------------------------|-----------|
| Table 2.7 (Investments) | 30 |
|--------------------------------------|-----------|

| | |
|-----------------------------------|-----------|
| Table 2.8 (Expenses) | 30 |
|-----------------------------------|-----------|

| | |
|--|-----------|
| Table 2.9 (Financial Summary) | 30 |
|--|-----------|

Chapter One

Introduction

1.1 Introduction (Aim of The Chapter):

We will discuss in this important chapter the idea, scope, objectives, features, requirements, and methodology of our project and system users. With great attention to detail and unwavering commitment, we will explore every aspect of our system to ensure that it meets all the requirements and objectives we have set. By the end of this chapter, you will clearly understand how our system will work and how it will benefit our users.

1.2 Project Idea and Scope:

In this section, we will discuss the idea and scope of our project, which aims to provide services to our users. Our project idea is to develop a comprehensive and user-friendly online bookstore website that provides a wide range of features to our users. Our primary goal is to support new and beginner authors who often face numerous challenges while publishing their books. By providing a platform that is easy to use and navigate, we aim to streamline the publishing process, making it more accessible and less time-consuming.

Our website will offer various services, including editing, formatting, cover design, and marketing, all aimed at helping authors publish their books quickly and efficiently. We understand that security is a major concern for authors, and we will take all necessary measures to ensure the highest level of security for their work.

In addition to supporting authors, our website will cater to book lovers by offering a vast collection of books across various genres. We will use advanced search

algorithms to make it easy for users to find their favorite books quickly and conveniently.

Overall, our online bookstore website will provide a one-stop shop for authors and book lovers, offering all users a seamless and secure experience.

1.3 System Objectives:

Our project's main goal is to create a user-friendly service that meets the needs and expectations of our users. We aim to achieve this by providing a service that is easy to use and makes our users feel happy and comfortable while navigating through our website. Additionally, we are dedicated to ensuring maximum security for our users by implementing a system that protects their personal and sensitive information from unauthorized access or misuse. This will enhance the quality of their experience on our website and build trust and confidence in our brand.

Our ultimate target is to increase the number of subscribers on our website to 100000 and to attract more than 200 skilled authors to contribute their content on our platform. With their contributions, we aim to provide our readers with diverse and insightful content that caters to their interests and needs. We believe that our website has the potential to become a hub of knowledge, entertainment, and inspiration, and we are committed to making it a reality.

1.4 System Features:

1.4.1 User:

- **SIGN-UP:** a form allowing a user to create a new account. It typically includes fields for the user's name, email, address, password, and other relevant information.
- **Sign-in:** The login form is a form that allows a user to access an existing account on a website or application. It typically includes fields for the user's username or email address and password.
- **Search with Book name:** This platform enables users to search for books that match their interests. Discover your next favorite book with our platform! Our search feature allows you to easily find books that match your interests, so you can spend less time searching and more time reading.
- **Add book to saved books:** Discover a new way of organizing your favorite books on this platform. With our user-friendly interface, you can easily add your favorite books to your list with just a few clicks add them to your saved list and access them quickly and easily a book from your favorite.
- **Read books for free:** The customer can read any book free of charge.
- **Add item to cart:** The user can add the item "book" to their cart to purchase it.
- **User profile:** This page will enable the user to show and change his data
- **Feedback:** Users can write their feedback about the book and the author. They can also view feedback provided by others about different books.
- **Add book to Wishlist:** On the Wishlist page, the user can add books that they are interested in reading in the future.
- **Open Contact US:** If users encounter any issues or have any queries, they can reach out to the administrator conveniently by using the "Contact Us" page.
- **Show recently added:** the user showcases our most recent additions to the book collection.
- **Show best seller:** The user can display a list of the top-selling books.

- **Make discount request:** The user shows the reason for requesting a discount.

1.4.2 Administrator:

- **Sign-in:** the admin can sign in with a name and a unique password
- **View users:** The admin has the authority to access detailed information about users, including the ability to add new users and delete existing ones from the system.
- **View home page:** The admin can access the home page, where they can view recent users and recent orders.
- **View feedback:** The administrator can view feedback and remove any feedback that violates our policy.
- **Log-out:** The administrator can log out of the website.
- **Show All payments:** the admin shows all payments
- **View books:** The administrator can access and view a comprehensive list of all the books available on the website. Additionally, they have the privilege to delete existing books from the collection, add new books to the website, and view recent books
- **View writers:** The administrator can access the list of writers on the website. They can perform a range of actions such as adding new writers and removing existing ones. Additionally, the administrator can view comprehensive details about each writer, including their name, photo, and biographical information.
- **Show list of orders:** The admin can showcase a detailed list of orders, including customer information. This comprehensive list will provide key details about each order and the individuals associated with them.

1.4.3 Writer:

- **View profile:** a writer can view their profile, change their profile photo, and see information about themselves, their books, and book covers.
- **Sign-Up:** a form allowing a user to create a new account. It typically includes

fields for the user's name, email, address, password, and other relevant information.

- **Sign-in:** The login form is a form that allows a user to access an existing account on a website or application. It typically includes fields for the user's username or email address and password.
- **See feedback:** As a writer, it's important to be able to access and review feedback and reviews about your published books. This feedback can provide valuable insights into how readers perceive and engage with your work, allowing you to gain a better understanding of your audience and potentially improve your future writing endeavors.
- **Upload his book:** The writer can upload both his book and book cover.

1.5 Related Works and Determination of the existing problem:

As for writers, we believe that every talented writer deserves the chance to have their work published and appreciated by a wide audience. However, the outdated practices and corrupt nature of traditional publishing should not hinder aspiring writers from achieving their goals. While self-publishing can present challenges, writers can effectively market their books and navigate potential fraudulent activities with the right knowledge and resources.

Our platform offers a complete solution for budding authors seeking to release their books conveniently from their own homes. The process is effortless: writers submit their completed, polished manuscripts, and we handle the rest. We function as a fully equipped publishing firm, providing professional editors to ensure that the content is copyrighted, plagiarism-free, and ready for publication. Once the editorial process is complete

Importantly, our reasonable, transparent fees enable new writers to easily share their work with the world without the daunting expenses often associated with traditional publishing methods. We believe talented authors should be

empowered to bypass the gatekeepers and connect directly with readers. Our convenient, end-to-end service guarantees that novice writers can publish their work confidently and without unnecessary hassle or hidden costs.

1.6 System Requirements:

The configuration that the system must have for the hardware or software application to run smoothly and effectively. Ex operating system, network, laptop device, mobile device.

1.6.1 Software system:

1.6.1.1 upload a version of the browser:

Google Chrome (42-112)
Edge (14-109)
Safari (10,1-16,3)
Firefox (39-111)

1.6.1.2 Operating system:

Window (8-11)
Ma os (11-13)
Android (10-11)
Ios (10-14)

1.6.2 Hardware system:

- Desktop computer (con i5-i7,6gb-16gb ram, VGA card, 32-64 bite)
- Smartphones
- Internet connection (ADSL at least 1MB)

1.7 System Users:

Our project serves two distinct categories of users. The first group is composed

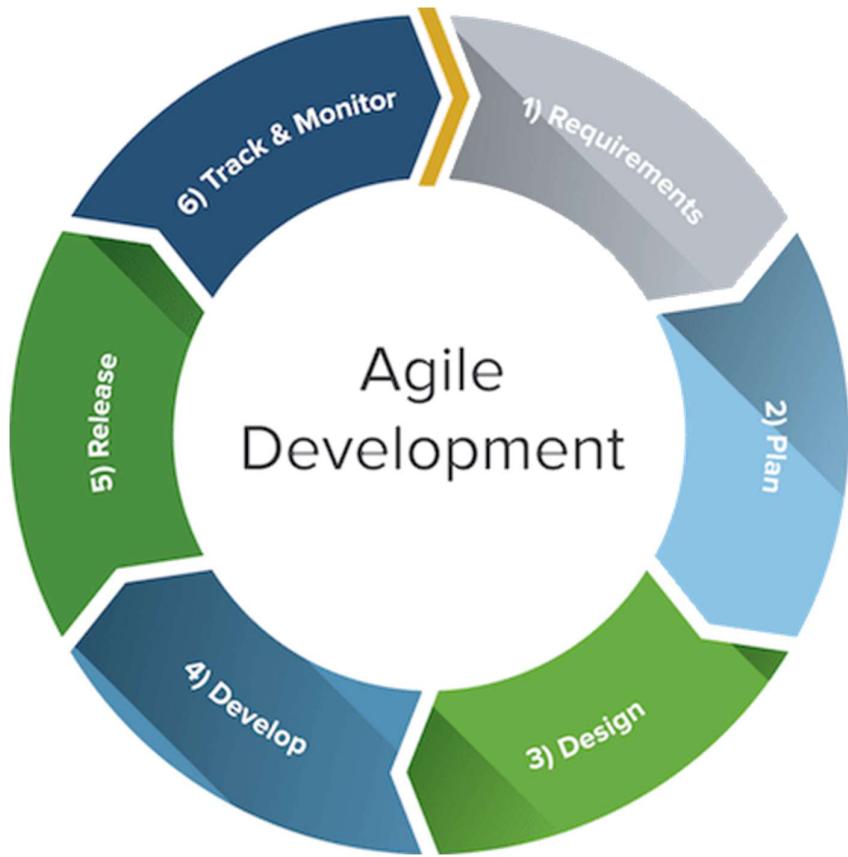
of individuals who visit our website to explore and exploit the different functions and features that we offer. These users can browse, read, and purchase books from our extensive collection. Additionally, they can avail themselves of various offers and discounts that we provide from time to time.

The second group of users includes writers who can publish their books on our website with ease and in a more secure manner. Our platform offers a hassle-free and streamlined process for authors to upload and publish their books, ensuring that their 5 intellectual properties are protected. This feature also provides authors with a wider audience and more exposure, as our website is accessible to a vast number of book enthusiasts.

1.8 System methodology:

- Agile is a project management and software development approach that aims to be more effective.
- It focuses on delivering smaller pieces of work regularly instead of one big launch.
- This allows teams to adapt to changes quickly and provide customer value faster.

Figure 1.1



Step 1 – Requirements Gathering:

The first step in software development is gathering and understanding the requirements. This stage involves identifying the needs, objectives, and constraints of the project. The goal is to define what the software should do and what problems it will solve.

Step 2 – Planning:

Once the requirements are clear, the next step is to create a comprehensive project plan. This plan outlines the scope, timeline, and resource allocation for the development project. It serves as a roadmap to guide the team throughout the Development process.

Step 3 – Design:

In the design phase, the software's architecture and user interface are developed. This step defines how the software will work and how users will interact with it. Design includes creating wireframes, prototypes, and system architecture diagrams.

Step 4 – Development:

Development is where the actual coding of the software takes place. Developers write the source code based on the design and requirements. This phase can be time-consuming and requires careful attention to detail.

Step 5 – Release:

refers to deploying the software to production. It involves testing, packaging, and distributing the software to end-users. A successful release ensures that users can access the software with minimal disruptions.

Step 6 – Track and Monitor:

involve observing the software's performance, usage, and any issues. Tools like monitoring dashboards, logs, and analytics help identify bottlenecks, bugs, and areas for improvement.

1.9 Time plan:

With the use of time management methodologies, people can accomplish more in less time, by planning and assigning the necessary amount of time for each distinct work.

One of the most difficult things we face in our professional lives is time management. Effective time management is a prerequisite for both good leadership and company management.

Planning and efficiency are necessary to juggle a demanding work life. Fortunately, several approaches can support efficient time management.

Table 1.1

| Which Part? | Business Part | System Part | Front-EndPart | Back-EndPart |
|--------------|--------------------|--------------------|--------------------------------|--------------------------------|
| Duration | 2 Weeks | 1 Month | 2 Month | 1 Month |
| Team Members | - Bassma Medhat | - Bassant Sayed | - Alaa Yasser - Nabil Sobhy | - Adam Mohamed - Eyad Walid |

Chapter Two

Business plan

2.1 Executive Summary:

- **Name of business:** Writer's Corner.
- **Legal Form:** Partnership.
- **Contact Address:** Cairo, Egypt.
- **Mobile:** 01024730733
- **E-mail:** writerscorner.66@gmail.com
- **Instagram**
page:<https://www.instagram.com/writerscorner66?igsh=MW1lcHc2cj5MTZueQ==>
- **Facebook Page:** <https://www.facebook.com/writer.s.corner.2024>
Type of Business: Service provider
- **Type of products or services:** Online and Offline bookstores.
- **Customers:** Authors and readers “Every person interested in books, whether in reading or writing.”

2.2 Vision and Mission:

2.2.1 Vision:

- Our vision is to change the bad idea spread about publishing houses in terms of exorbitant prices and not give young talented people an opportunity to present their talent.
- We function as a fully equipped publishing firm, providing professional editors to ensure that the content is copyrighted, plagiarism-free, and ready for publication and by also marketing the books digitally and traditionally.

- Moreover, we aim to expand internationally to reach a broader audience and provide authors with the opportunity to publish their works on a global scale. We will collaborate with international publishers and global book fairs to ensure that our authors' books reach readers from around the world. This step will help enhance cultural exchange and broaden the horizons of authors, enabling them to achieve greater success and reach a diverse global audience.
- Additionally, we can open our library where we can host readers and provide them with a comfortable environment to browse and read books. This library will serve as a cultural hub, hosting literary events such as book signings, seminars, and workshops aimed at promoting the love of reading and spreading culture. By providing this space, we aim to create an active and interactive reading community that supports authors and contributes to the dissemination of knowledge.

2.2.2 Mission:

- Our mission is to bring talented, aspiring young writers to light, allow them to show their talent and creativity, and help them publish their books. We will provide him with references so that he can review the book for errors, as well as a local marketing plan, and help him sign a contract with publishing houses that believe in ambitious emerging youth, and all of this at a cost that is incomparable to the costs of expensive publishing houses.

2.3 Business Idea and Marketing:

2.3.1 Description of business idea:

- Every small writer deserves to see their work published and read by the masses, but unfortunately, many talented writers miss out on this opportunity due to the exorbitant pricing and the increasing rate of bribery in traditional

publishing houses. These publishing houses only work with well-known and established writers, leaving aspiring writers with no alternatives but to self-publish their books. However, self-publishing can be a daunting task, as writers may not know how to market their books effectively and may fall prey to fraudulent practices.

- Our website is the ultimate solution for aspiring writers who want to publish their books from the comfort of their own homes with ease. The process is seamless and straightforward: the writer sends in their book, and we take care of the rest. We act as a fully equipped publishing house providing certified editors who ensure that the content has reserved copyrights, is free from plagiarism, and is suitable for publishing. The website publishes the book in two formats: an e-book or a hard copy. Our affordable fees make it easier for beginning writers to share their work with the world without the overwhelming costs of traditional publishing methods. Our hassle-free service ensures that first-time writers can confidently publish their work without any hassles. With us, publishing your book has never been easier.

2.3.2 SWOT Analysis:

Table 2.1

| Strength | Weakness |
|--|--|
| <ul style="list-style-type: none"> • Free website • New features • Our prices are low compared to our competitors. • High quality at a reasonable price. • Online website (easy to access). • Our website can be accessed through any browser and internet connection. • Targeting a variety of items and categories that attract users and customers. • Useful and relevant content. • Team structure. | <ul style="list-style-type: none"> • The app is a startup project. • Users' unawareness of the web. • Open other offices that provide the same services. |
| Opportunities | Threats |
| <ul style="list-style-type: none"> • Technological change. • Online service (save time and effort). • It can easily expand and add new features. | <ul style="list-style-type: none"> • Tough competition with other Competitors • New laws or restrictions. • one of my competitors decided to change his service. • Competitors stealing features or ideas. |

- The internet infrastructure in Egypt is weak.

2.4 Marketing Plan:

2.4.1 Primary Research:

- After doing our Survey, we found that most people tend to use their smartphones for reading books services. Therefore, we decided to provide them with a place that offers a variety of books at affordable prices. This place will be a source of knowledge and entertainment and a means to promote a culture of reading among individuals. We believe that books should be accessible to everyone, and offering them at reasonable prices is a crucial step towards achieving this goal.
- Therefore, we decided to provide them with a safe place to publish their books, offering assistance at every step of the publishing process. We will start with a thorough review of the book to ensure its quality and adherence to required standards. Then, we will help them design an attractive cover that reflects the book's content and appeals to readers. Following that, we will manage the publishing process professionally, whether through traditional or electronic publishing, taking care of all technical and administrative aspects. Additionally, we will provide marketing and promotional services for the book to ensure it reaches the target audience and increases its sales. Our goal is to support authors by providing a comprehensive environment that facilitates the publishing of their works and achieving success.

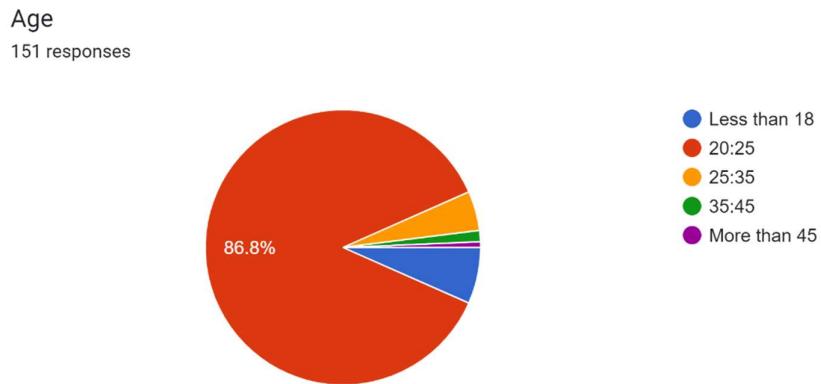
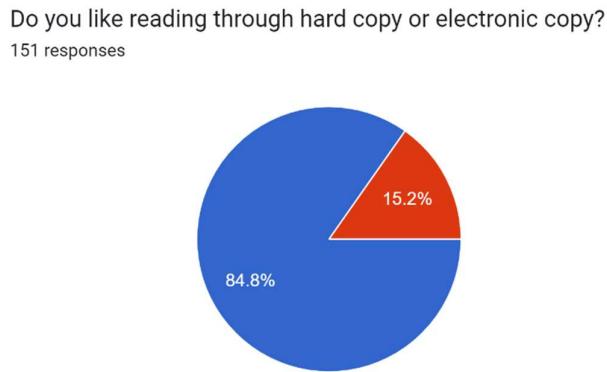


Figure 2.1



>> Through the questionnaire, it became clear that young people prefer to read through the electronic version.

Figure 2.2

As an author, did you face any difficulties when publishing your book?

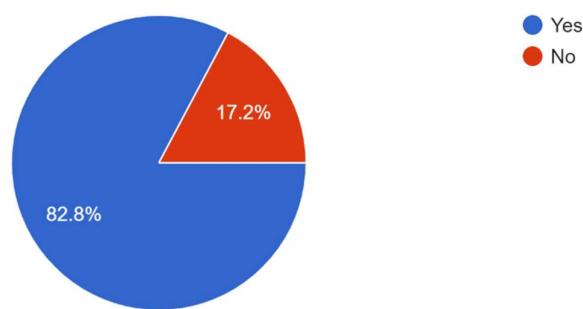


Figure 2.3

2.4.2 Secondary Market:

- As for the industry size, we have competitors in the market.

Like:

- الدار للنشر و التوزيع .1
- الرواق للنشر و التوزيع .2
- عصير الكتب .3
- دار دون للنشر و التوزيع .4
- دار المعارف .5
- دار الشروق .6

2.4.3 Marketing Mix:

2.4.3.1 Marketing Plan Price:

By 3 Ways:

- 1st way is online advertising,
- 2nd way is Bloggers who love writing and reading (Nurhan Abu Bakar).
- 3rd Word-of-mouth.

2.4.3.2 Marketing Plan Place:

- Our online website.
- Our office is in Zamalek, Cairo.

2.4.3.3 Marketing Plan Promotion:

- Social media Advertisement.
- E-mail marketing: we will use this type to promote our website, this is a good step for interacting with our customers and making them aware of our website.
- Social media marketing: We will use social platforms to increase brand awareness as billions use the Facebook platform daily while using Instagram. Also, it allows direct connections with our users.

2.4.3.4 Marketing Plan People:

- Writers.
- Bloggers.
- Readers.
- Students of the Faculty who are interested in writing or reading like, of Mass Communication.

2.4.3.5 Marketing Plan Physical Evidence:

- Our Logo.
- Our Slogan.
- Our website.
- Ushering.

2.5 Legal Form:

2.5.1 General Partnership is a business arrangement by which two or more individuals agree to share in all assets, profits, and financial and legal liabilities of a jointly owned business.

2.5.1 What's the reason for choosing it?

1. Easy to form.
2. Default business entity: each partner in a general partnership agrees over the guidelines for their business among themselves, there is no requirement to draft a detailed legal business document before beginning the operations.
3. Diversity within leadership: The experiences and skills of diverse people can help build an effective and profitable business that has the power to last in the long run.
4. Pass through taxation: Businesses as partnerships do not have to pay income tax.

5. Equal rights distributions: all the partners involved have equal rights to manage the operations of the business.

2.6 Source of Capital:

Family loan: 350,000 EGP

Bank loan: 1,000,000 EGP

2.7 Financial Plan:

Table 2.2

| Start-up Capital | Values |
|-------------------------|---------------|
| Family Loan | 350,000 L.E |
| Bank Loan | 1,000,000 L.E |
| Total Fund | 1,350,000 L.E |

2.7.1 Working Capital:

Table 2.3

| Content | Per Month | Per Year |
|--|------------------|-----------------|
| Rent | 12000 | 144000 |
| Staff Costs | 63000 | 756000 |
| Marketing | 7500 | 90000 |
| Internet | 700 | 8400 |
| Office operating costs | 1900 | 22800 |
| - Total Investment + Total Working Capital "Total Current Assets" = | | 1187800 |
| - Result of summation of total investment and total working capital - 100000 amount of bank loan | | 187800 |
| - The result of the last cell / 6 partners >> This is the amount that will be paid by each partner | | 31300 |

2.7.2 Loan Payment:

Table 2.4

| Description | Amount | Per month |
|-------------------------|---------|-----------|
| Family loan | 350,000 | _____ |
| Loan Repayment – Year 1 | 200,000 | 16666 |
| Loan Repayment – Year 2 | 200,000 | 16666 |
| Loan Repayment – Year 3 | 200,000 | 16666 |
| Loan Repayment – Year 4 | 200,000 | 16666 |
| Loan Repayment – Year 5 | 200,000 | 16666 |

2.7.3 Owner's Equity:

Table 2.5

| Owner | Amount | Percentage |
|---------|---------|------------|
| Bassma | 5216.67 | 17 |
| Bassant | 5216.67 | 17 |
| Nabil | 5216.67 | 17 |
| Eyad | 5216.67 | 17 |
| Adam | 5216.67 | 17 |
| Alaa | 5216.67 | 17 |

2.7.4 Salaries:

Table 2.6

| Name | Title | Quantity | month | year |
|------------------|------------------------------------|----------|-------|--------|
| Bassma | Marketing and Business Development | 1 | 9000 | 108000 |
| Bassant | Business Analyst | 1 | 9000 | 108000 |
| Nabil | Accounting Manager | 1 | 9000 | 108000 |
| Eyad | Human Resource Manager | 1 | 9000 | 108000 |
| Adam | Senior Web Developer | 1 | 9000 | 108000 |
| Alaa | Warehouse Manager | 1 | 9000 | 108000 |
| Customer service | Customer Service (Remotely) | 2 | 6000 | 72000 |
| Data Entry | Data Entry (From Office) | 1 | 3000 | 36000 |
| Total: | | 9 | 63000 | 756000 |

2.7.5 Investments:

Table 2.7

| Content | Quantity | Price per one | Price Per All |
|-----------------------------------|----------|---------------|---------------|
| Computers | 9 | 15000 | 135000 |
| Routers | 1 | 1800 | 1800 |
| Office desks | 9 | 2100 | 18900 |
| Office Chairs | 9 | 1000 | 9000 |
| Printers | 1 | 1900 | 1900 |
| Total fixed assets: 166600 | | | |

2.7.6 Expenses:

Table 2.8

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Rent | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 |
| Operating | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Staff wadges | 63000 | 63000 | 63000 | 63000 | 63000 | 63000 | 63000 | 63000 | 63000 | 63000 | 63000 | 63000 |
| Internet | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 |
| Marketing | 13000 | 13000 | 13000 | 13000 | 13000 | 13000 | 13000 | 13000 | 13000 | 13000 | 13000 | 13000 |
| Loan Repayment | 16666 | 16666 | 16666 | 16666 | 16666 | 16666 | 16666 | 16666 | 16666 | 16666 | 16666 | 16666 |
| Total: | 107266 | 107266 | 107266 | 107266 | 107266 | 107266 | 107266 | 107266 | 107266 | 107266 | 107266 | 107266 |

2.7.7 Financial Summary:

Table 2.9

| Total working capital | Total Loan | Total Fixed assets | Total Investment | Revenue | Total Exp. | Profit | Break even (units) | Break even (year) |
|-----------------------|------------|--------------------|------------------|---------|------------|--------|--------------------|-------------------|
| 1021200 | 1350000 | 133280 | 1154480 | 1544140 | 1138020 | 406120 | 4442.666667 | 0.19712 4771 |

Chapter Three:

System Analysis

3.1 AIM of Chapter:

In this chapter, we will comprehensively explore the components of our system. This will include a thorough examination of the use case, the three interfaces, and the various features. We will also provide a detailed discussion on the sequence and activities within our online bookstore. Furthermore, we will delve into the specific user requirements, which include functional requirements, and non-functional requirements to ensure a comprehensive understanding of the system's needs and capabilities.

3.1.1 Introduction:

Analysis Phase: The Analysis identifies areas requiring or needing training considering the views of subject matter experts, the target audience, and the ultimate objectives and goals of the training. During this phase, we define and develop as clear an understanding of the audience's needs and constraints, existing knowledge, skills, and the desired outcome of the training as we can. Here, we identify the learning problem, set the goals, objectives, and any other relevant characteristics of the desired training, and consider the learning environment, available delivery options, and the timeline for the project.

Design Phase: The Design phase is the systematic process of research, planning, identifying, and specifying the complete design of the course objectives, lesson planning, topic content, training methodology, media, learner exercises, courseware content, and assessment criteria. Typically, detailed prototypes are developed currently, and the look, feel, design, and content are determined.

3.2 User Requirements:

3.2.1 Functional requirements:

Are product features or functions that developers must implement to enable users to accomplish their tasks? So, it's essential to make them clear both for the development team and the stakeholders. Generally, functional requirements describe system behavior under specific conditions. Functional requirements will vary for different types of software. For example, functional requirements for a website or mobile application should define user flows and various interaction scenarios.

3.2.1.1 User:

1. **Sign-up:** this is a form that allows a user to create a new account. It typically includes fields for the user's name, email, address, password, and other relevant information.
2. **Sign-in:** The login form is a form that allows a user to access an existing account on a website or application. It typically includes fields for the user's username or email address and password.
3. **Search with Book name:** This platform enables users to search for books that match their interests. Discover your next favorite book with our platform! Our search feature allows you to easily find books that match your interests, so you can spend less time searching and more time reading.
4. **Add books to saved books:** Discover a new way of organizing your favorite books on this platform. With our user-friendly interface, you can easily add your favorite books to your list with just a few clicks add them

to your saved list and access them quickly and easily a book from your favorite.

5. **Read books for free:** The customer can read any book free of charge.
6. **Add item to cart:** The user can add the item "book" to their cart to purchase it.
7. **User profile:** This page will enable the user to show and change his data.
8. **Feedback:** Users can write their feedback about the book and the author; they can also view feedback provided by others about different books.
9. **Add book to Wishlist:** On the Wishlist page, the user can add books that they are interested in reading in the future.
10. **Open Contact US:** If users encounter any issues or have any queries, they can reach out to the administrator conveniently by using the "Contact Us" page.
11. **Show new arrivals:** the user showcases our most recent additions to the book collection.
12. **Show best seller:** The user can display a list of the top-selling books.
13. **Make discount request:** The user shows the reason for requesting a discount.

3.2.1.2 Administrator:

1. **Sign-in:** the admin can sign in with a name and a unique password
2. **View users:** The admin has the authority to access detailed information about users, including adding new users and deleting existing ones from the system.
3. **View home page:** The admin can access the home page, where they can view recent users and recent orders.
4. **View feedback:** The administrator can view feedback and remove any feedback that violates our policy.
5. **Log-out:** The administrator can log out of the website.
6. **Show All payments:** the admin shows all payments
7. **View books:** The administrator can access and view a comprehensive list of all the books available on the website. Additionally, they have the privilege to delete existing books from the collection, add new books to the website, and view recent books
8. **View writers:** The administrator can access the list of writers on the website. They can perform a range of actions such as adding new writers and removing existing ones. Additionally, the administrator can view comprehensive details about each writer, including their name, photo, and biographical information.

9. **Show list of orders:** The admin can showcase a detailed list of orders, including customer information. This comprehensive list will provide key details about each order and the individuals associated with them.

3.2.1.3 Writer:

1. **View profile:** a writer can view their profile, change their profile photo, and see information about themselves, their books, and book covers.
2. **Sign-up:** this is a form that allows a user to create a new account. It typically includes fields for the user's name, email, address, password, and other relevant information.
3. **Sign-in:** The login form is a form that allows a user to access an existing account on a website or application. It typically includes fields for the user's username or email address and password.
4. **See feedback:** As a writer, it's important to be able to access and review feedback and reviews about your published books. This feedback can provide valuable insights into how readers perceive and engage with your work, allowing you to gain a better understanding of your audience and potentially improve your future writing endeavors.
5. **Upload his book:** the writer can upload his book through the form from the admin and wait until the admin approves his update.

3.2.2 Non-Functional Requirements:

1. **Performance:** This refers to the speed at which the system can complete tasks and its ability to handle increased demand.
2. **Security:** relates to the system's protection against unauthorized access. For example, an online banking system should have robust security measures to safeguard customers' personal and financial information.
3. **Availability:** This denotes how often the system is accessible. For example, an online bookstore website should be available 24/7 to allow customers to shop anytime.
4. **Data Integrity:** This pertains to the accuracy and consistency of the system's data. For example, a customer relationship management system should ensure customer data remains accurate and up to date.
5. **Capacity:** refers to the system's ability to handle data or traffic. For instance, a cloud storage service should be capable of managing large amounts of data from multiple users.
6. **Utility:** This relates to the system's usefulness to its users.
7. **Environmental:** This pertains to the system's ability to operate in different environmental conditions.
8. **Manageability:** This relates to how easy it is to manage and maintain the system.

3.3 System Requirements:

The configuration that the system must have for the hardware or software application to run smoothly and effectively.

Ex operating system, network, laptop device, mobile device.

3.3.1 Software system

3.3.1.1 upload a version of the browser:

- Google Chrome (42-112)
- Edge (14-109)
- Safari (10,1-16,3)
- Firefox (39-111)

3.3.1.2 Operating system

- Window (8-11)
- Ma os (11-13)
- Android (10-11)
- Ios (10-14)

3.3.1.3 Hardware system

- Desktop computer (con i5-i7,6gb-16gb ram, VGA card, 32-64 bite)
- Smartphones
- Internet connection (ADSL at least 1MB)

3.4 System Diagrams:

3.4.1 Use case diagram:

A use case is a methodology used to identify, clarify, and organize system requirements. Here are the key points about use cases:

1. **Purpose:** Use cases help define how a system interacts with its users and other components. They focus on specific scenarios or events.
2. **User Perspective:** Use cases are designed from the user's viewpoint, emphasizing their goals and tasks.
3. **Behavior Description:** They describe the interactions between users and the system, including the system's responses.

3.4.1.1 USER:

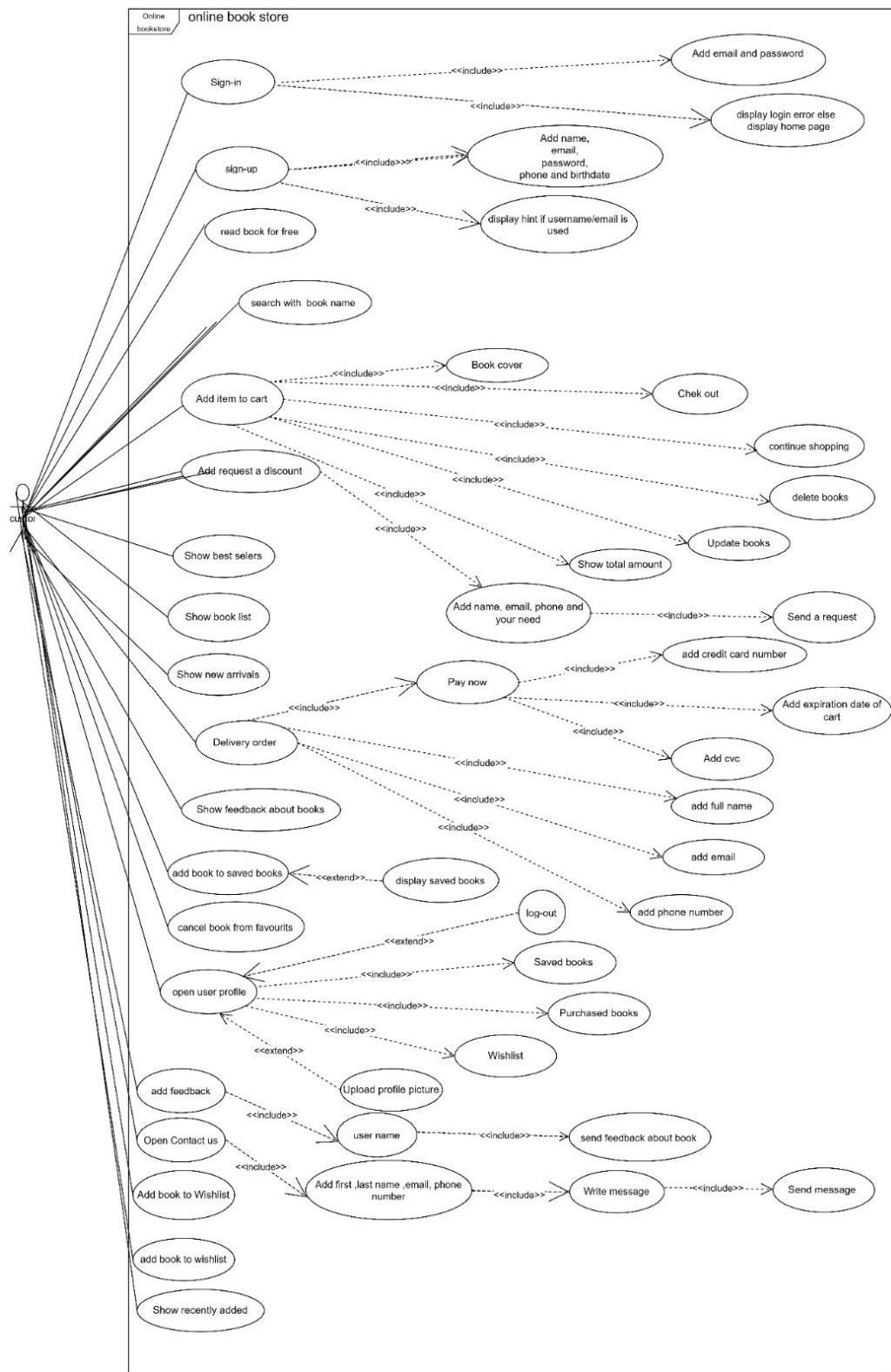


Figure 3.1

3.4.1.2 ADMIN:

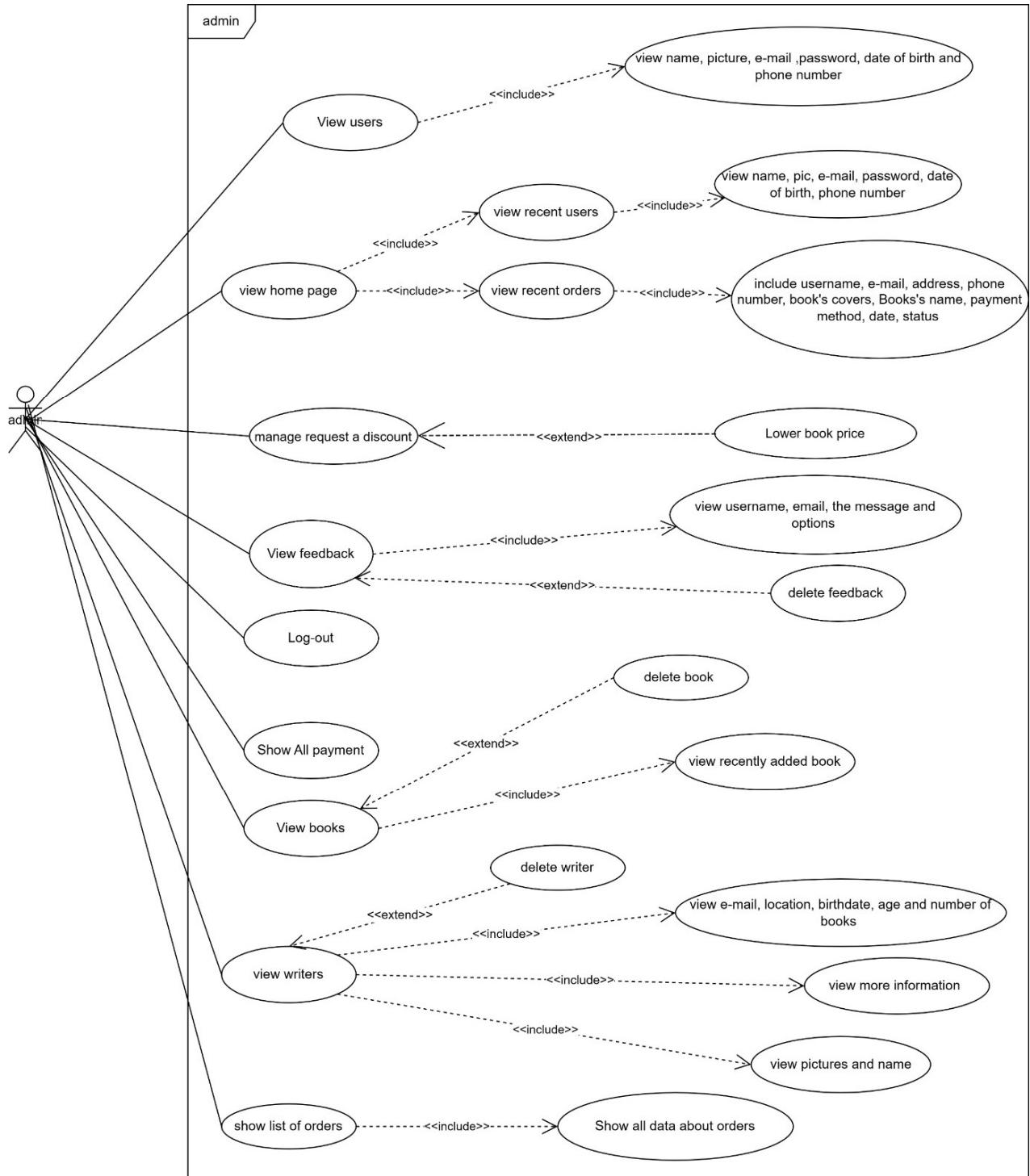


Figure 3.2

3.4.1.3 WRITER

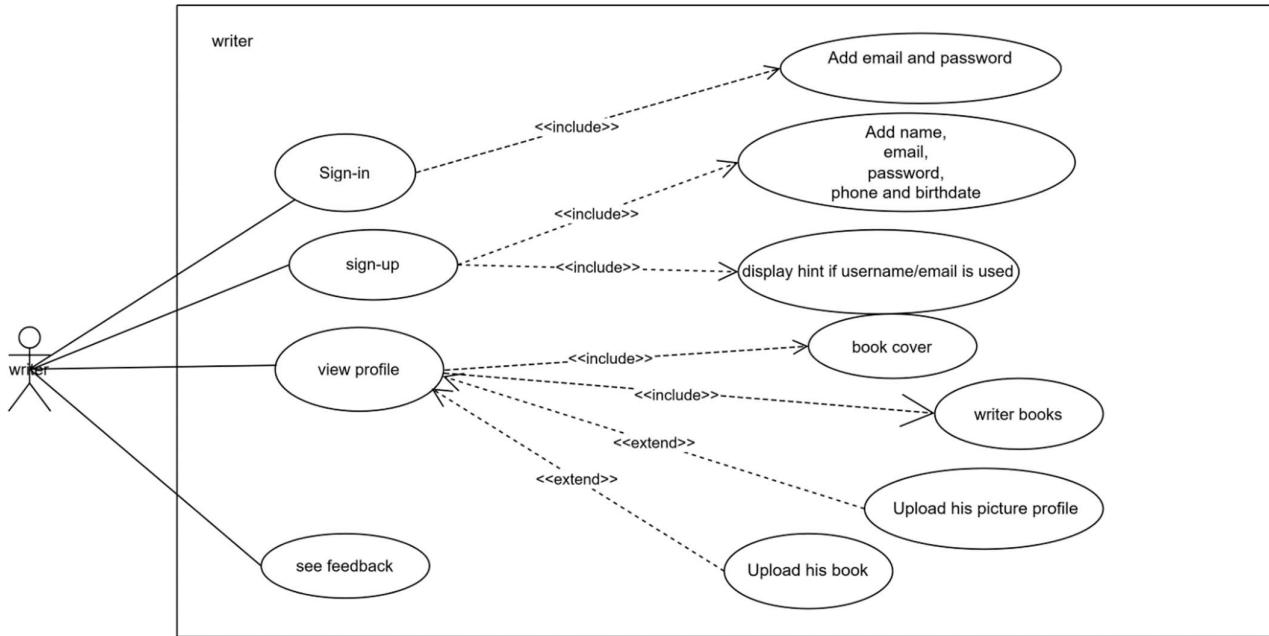


Figure 3.3

3.4.2 Sequence diagram:

A sequence diagram is a type of behavioral UML diagram that illustrates the interactions between objects or components over time. Here are the key points about sequence diagrams:

1. Purpose: Sequence diagrams show how objects collaborate to perform specific tasks or use cases.

2. Elements:

- **Objects:** Represent classes or components involved in the interaction. These can be system components, actors, or other entities.
- **Actors:** External entities (e.g., users, other systems) that interact with the system.
- **Events:** Communication or interaction points between actors and the system. Events trigger specific actions or behaviors within the system.

3.4.2.1 SIGN-IN:

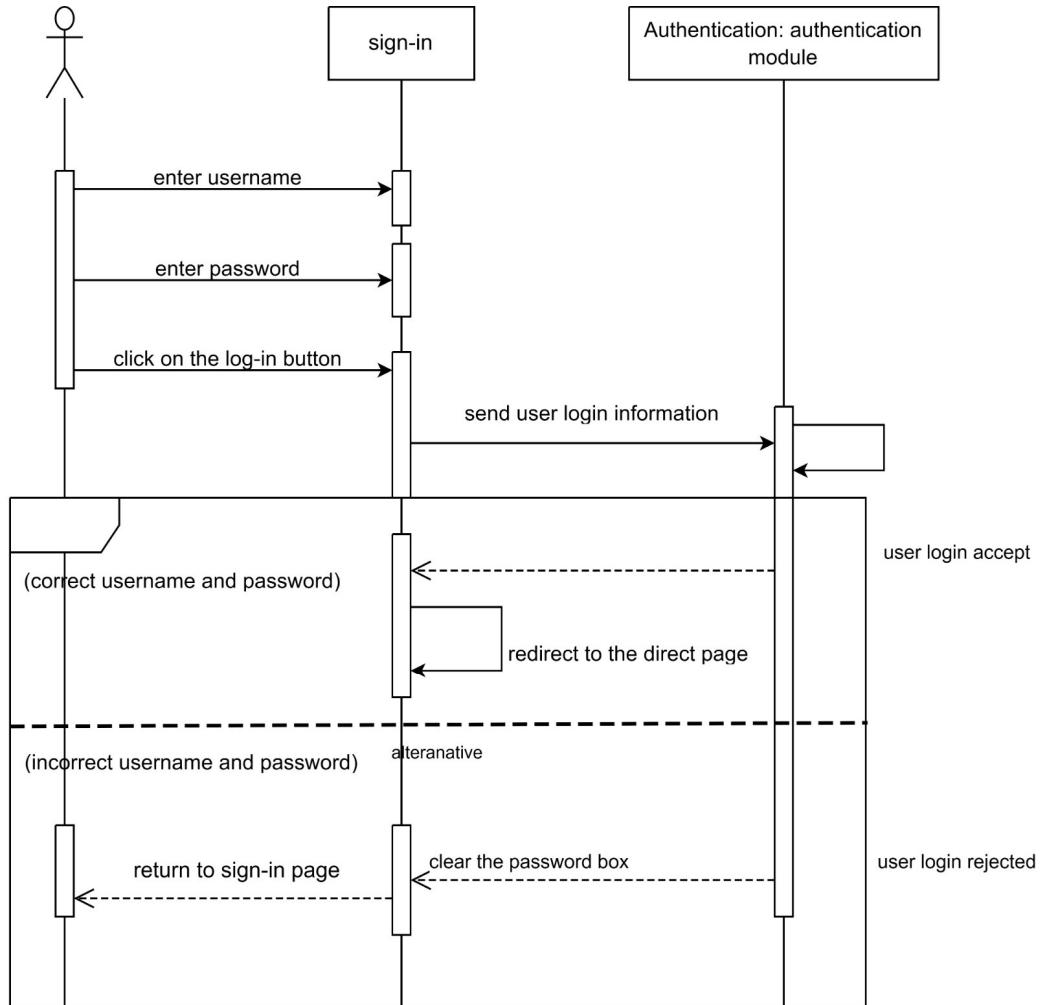


Figure 3.4

3.4.2.2 PAYMENT PROCESS:

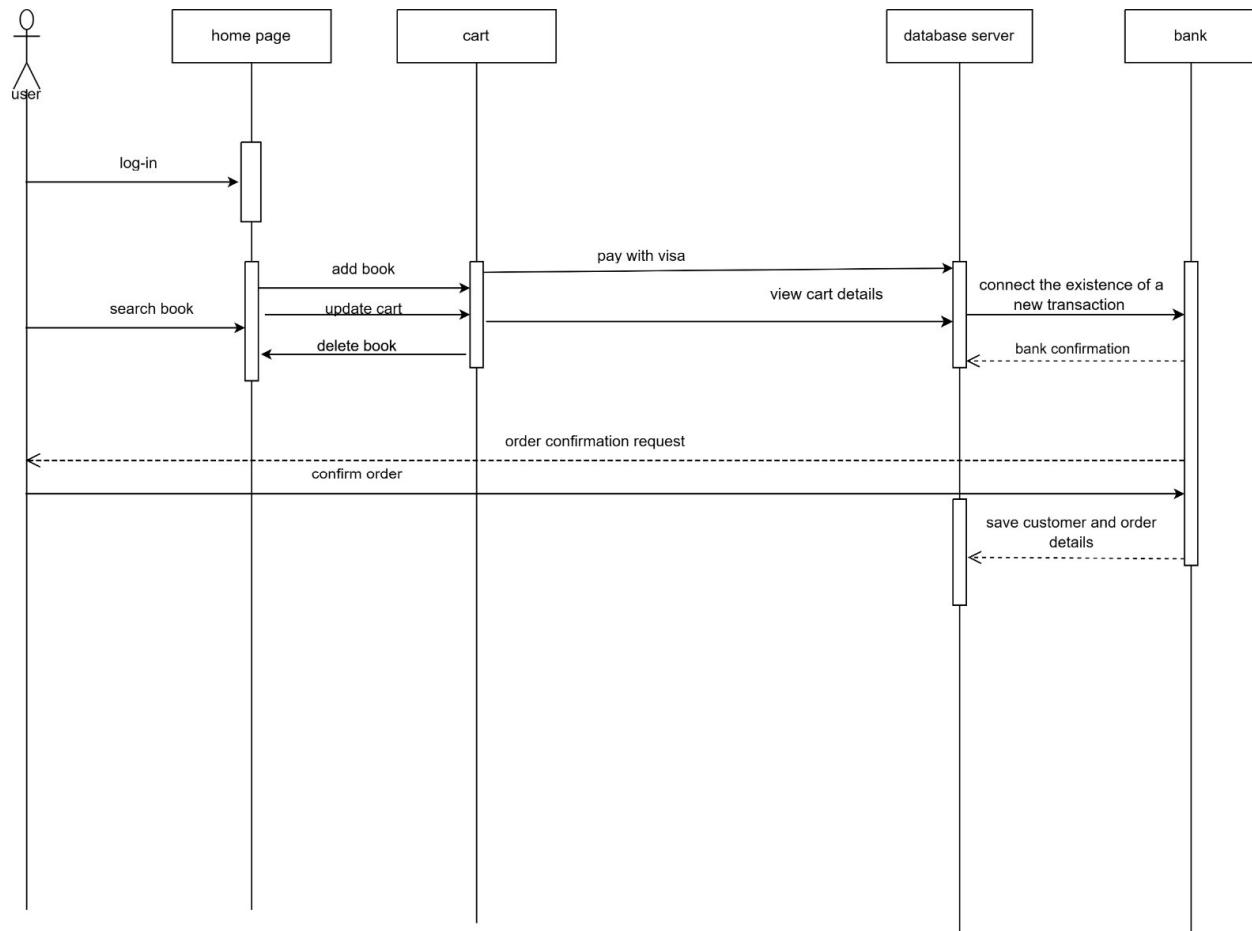


Figure 3.5

3.4.2 FEEDBACK:

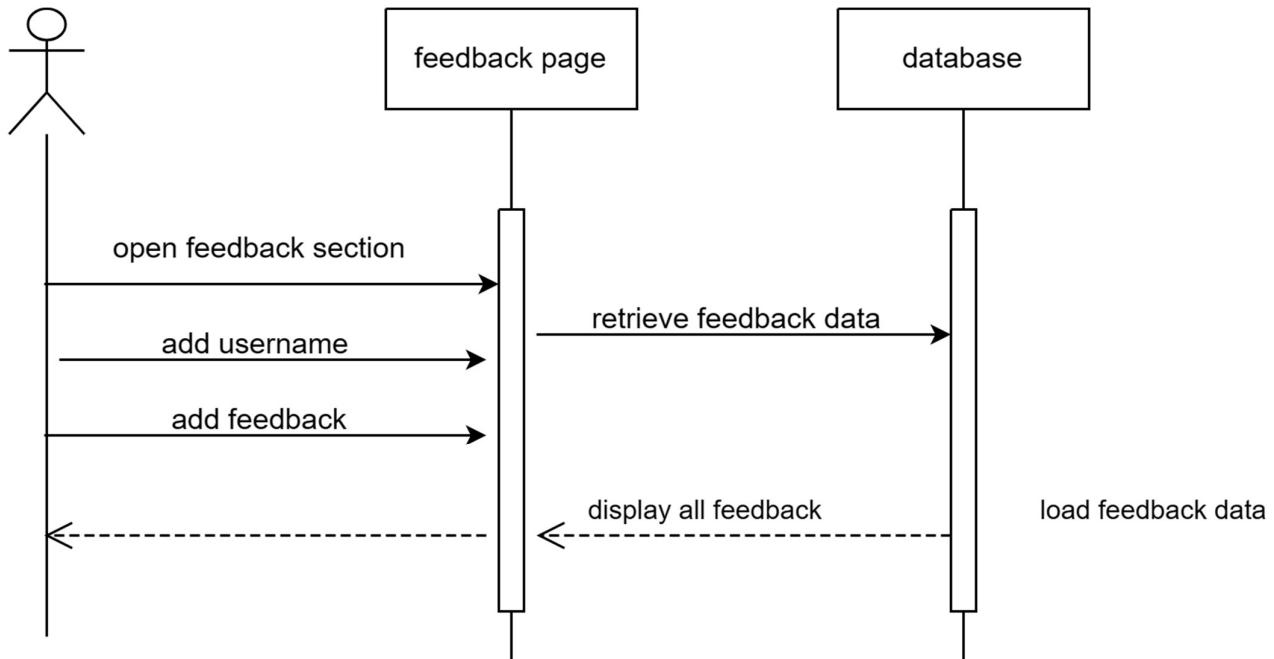


Figure 3.6

3.4.3 SIGN-IN & SIGN-UP:

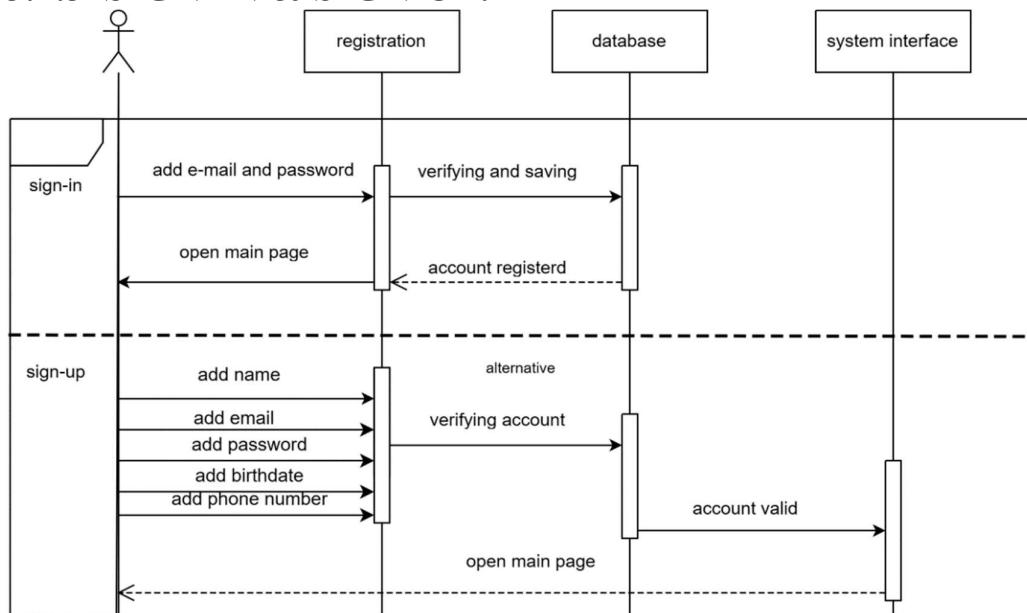


Figure 3.7

3.4.3 Activity diagram:

3.4.3.1 User:

3.4.3.1.1 PAYMENT

PROCESS:

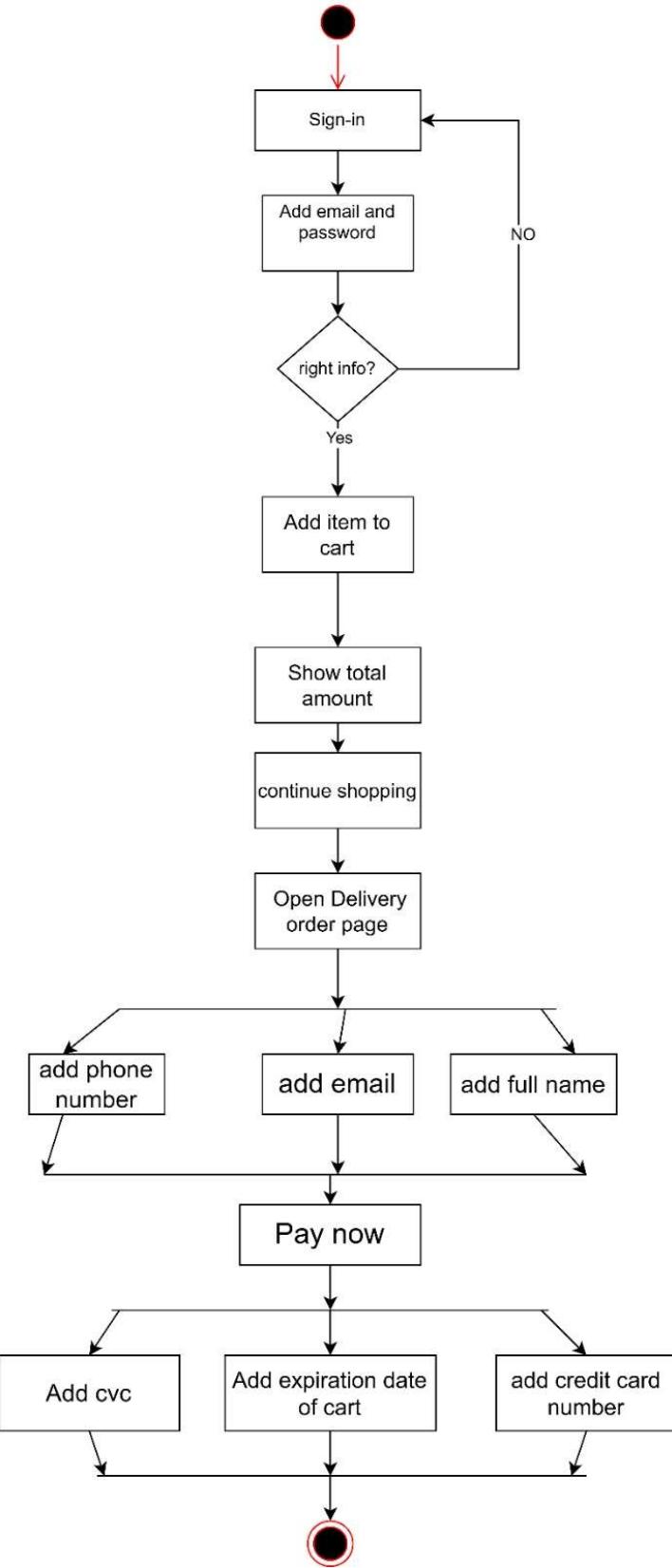


Figure 3.8

3.4.3.1.2 READ BOOK:

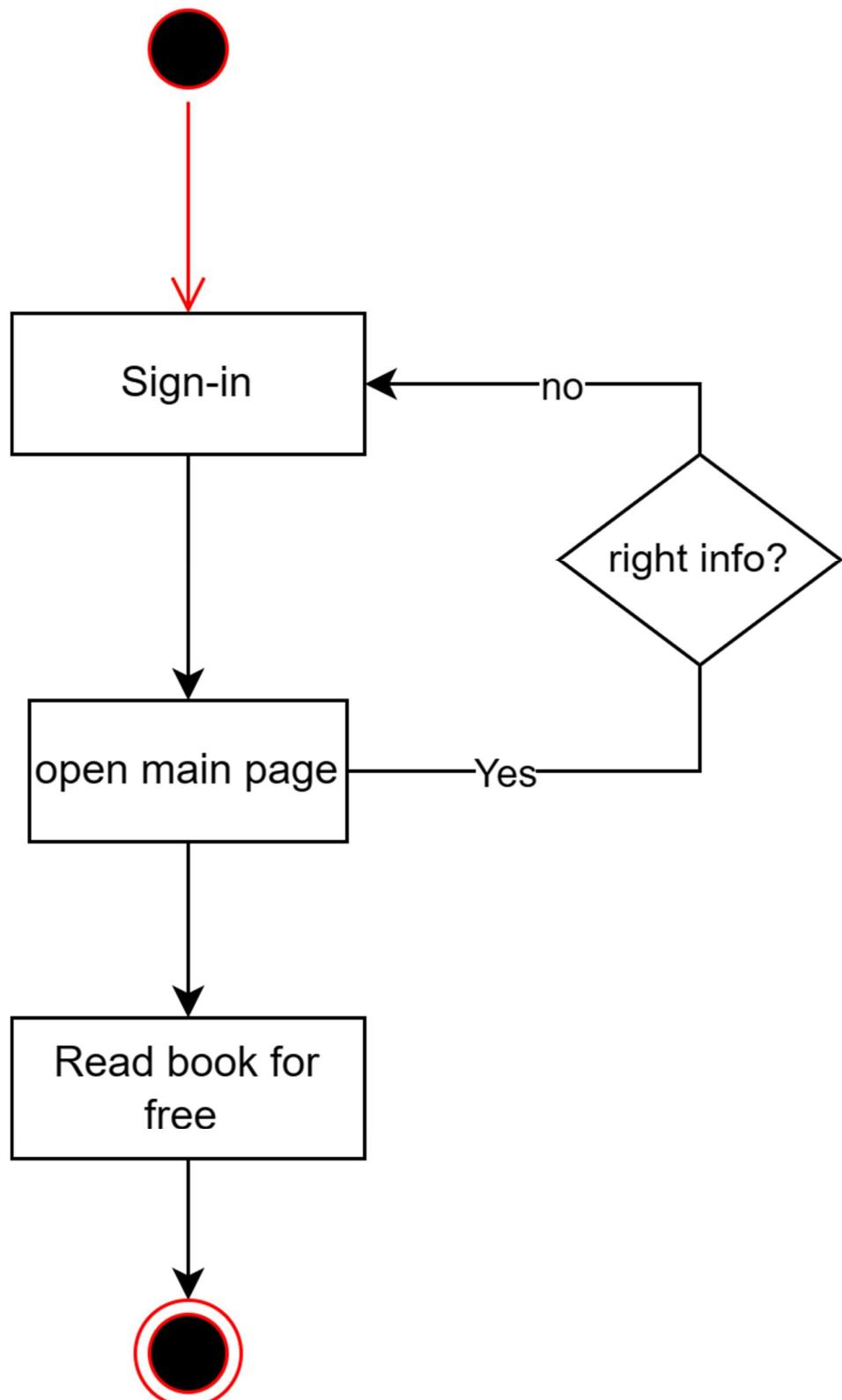


Figure 3.9

3.4.3.1.3 ADD BOOK TO SAVED BOOKS:

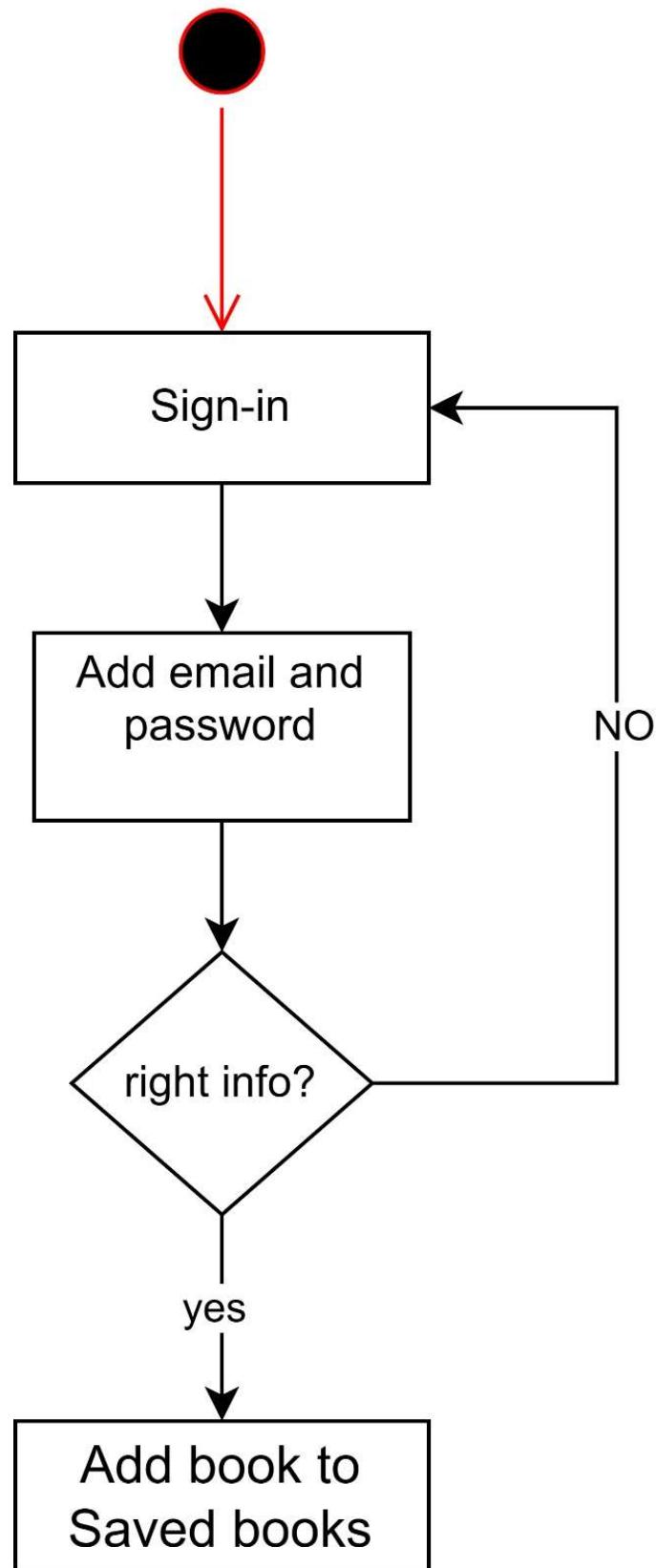


Figure 3.10

3.4.3.1.4 FEATURES OF USERS:

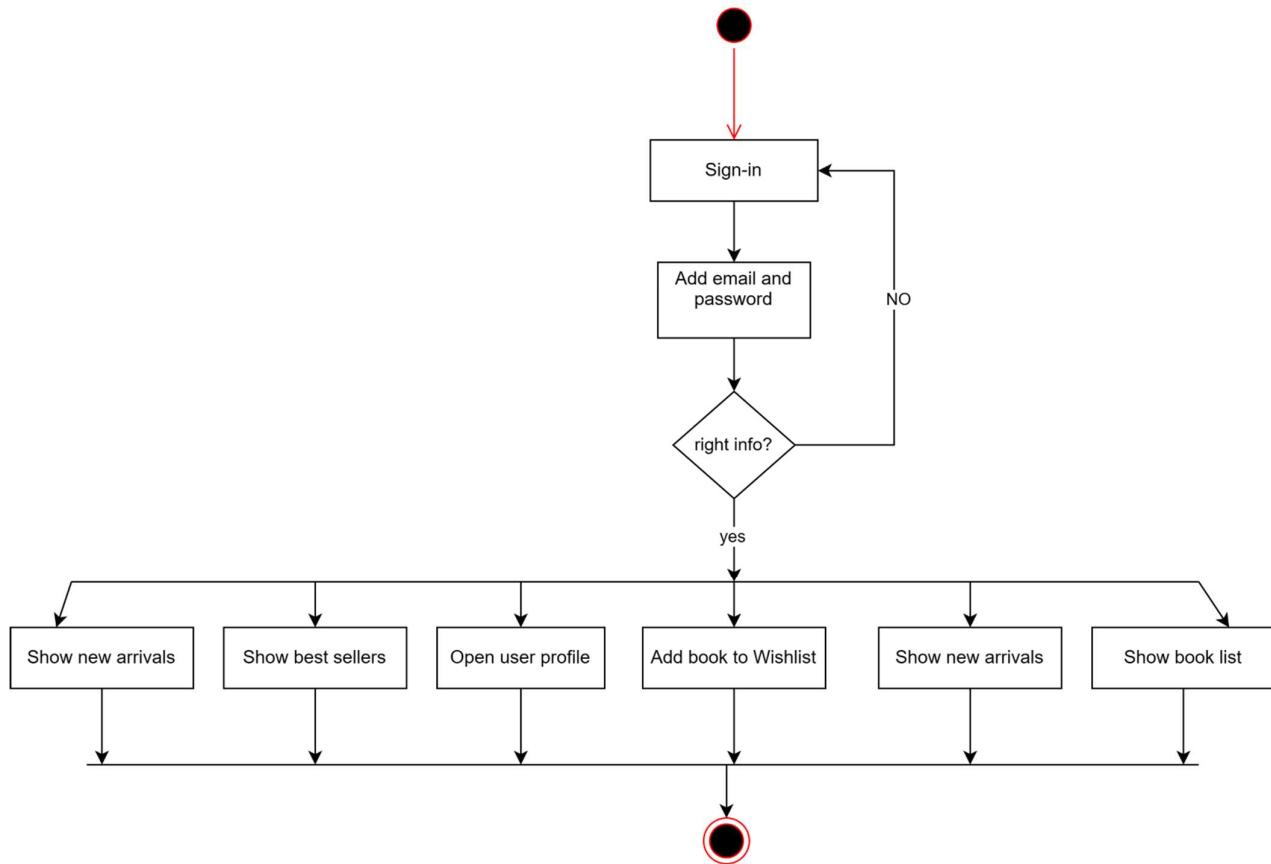


Figure 3.11

3.4.3.1.5 FEEDBACK:

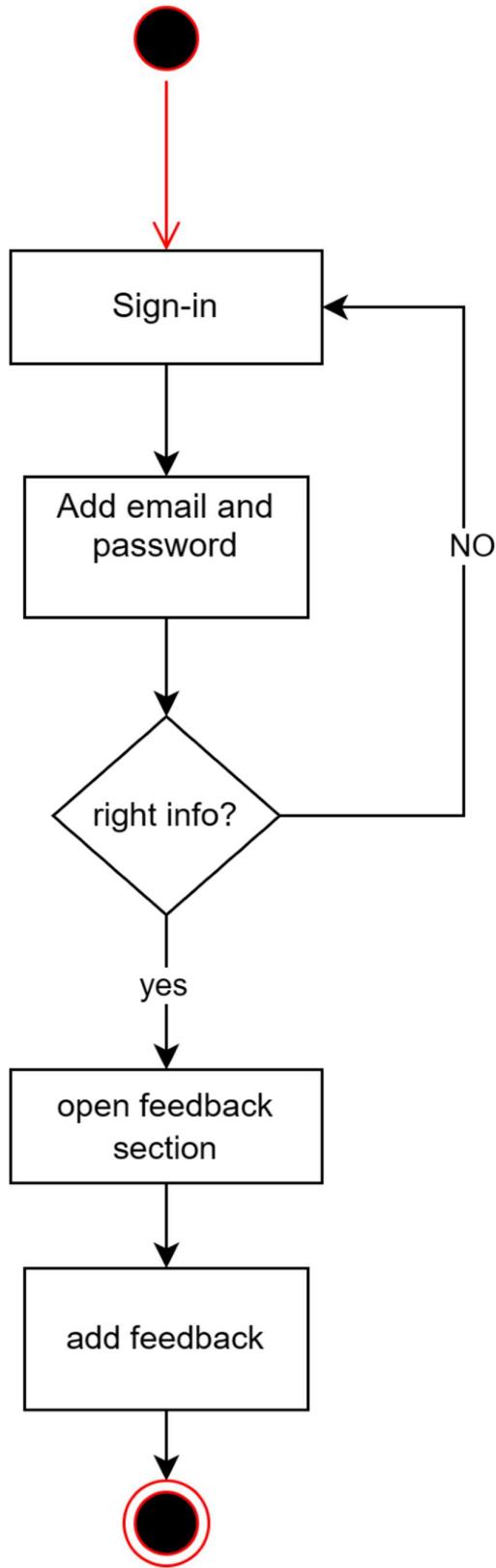


Figure 3.12

3.4.3.1.6 OPEN CONTACT US PAGE:

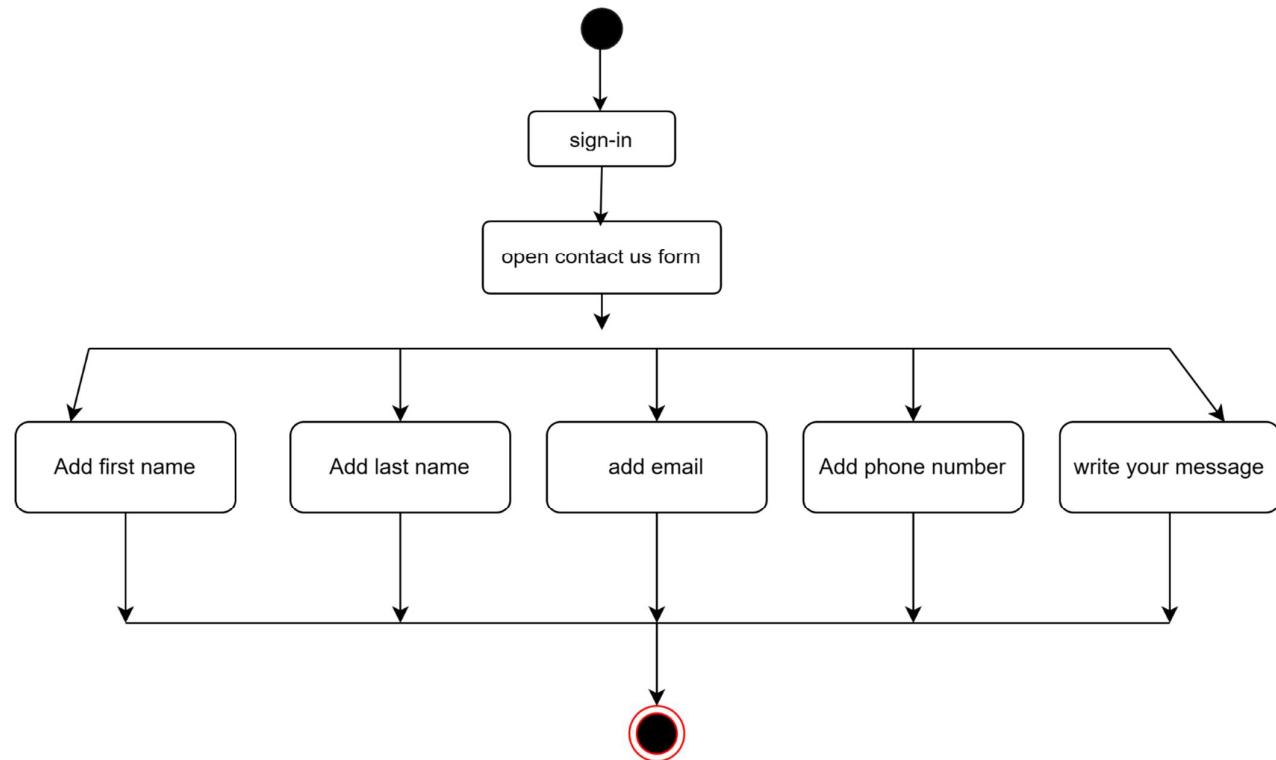


Figure 3.13

3.4.3.2 Admin:

3.4.3.2.1 OPEN HOME PAGE:

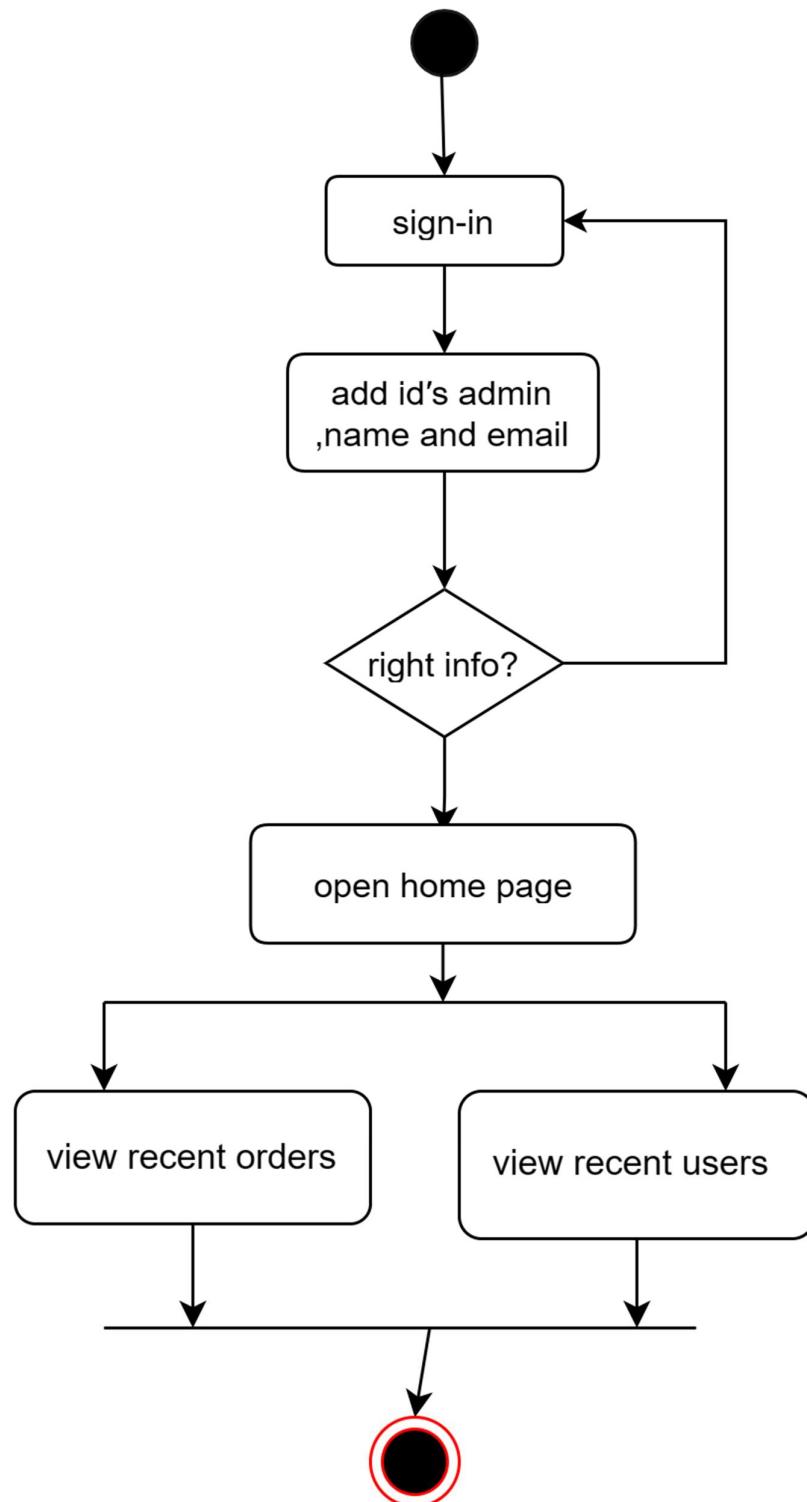


Figure 3.14

3.4.3.2.2 VIEW USERS:

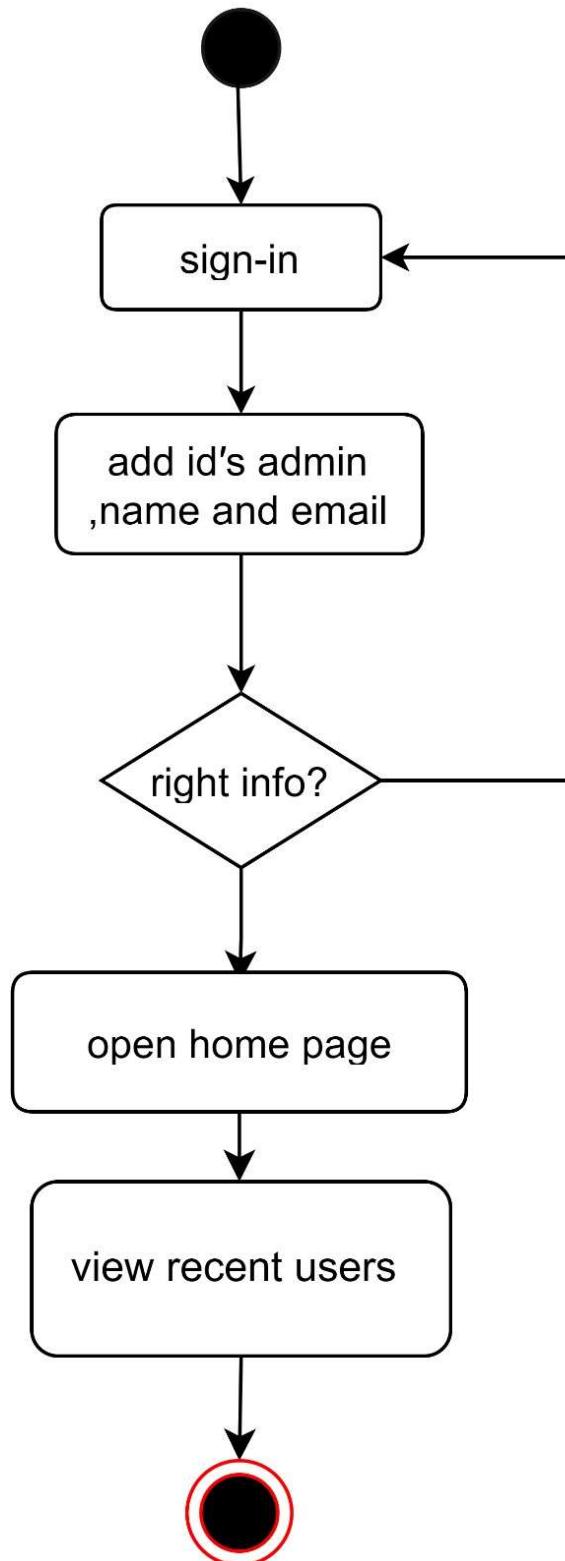


Figure 3.15

3.4.3.2.3 VIEW & DELETE FEEDBACK OF USERS:

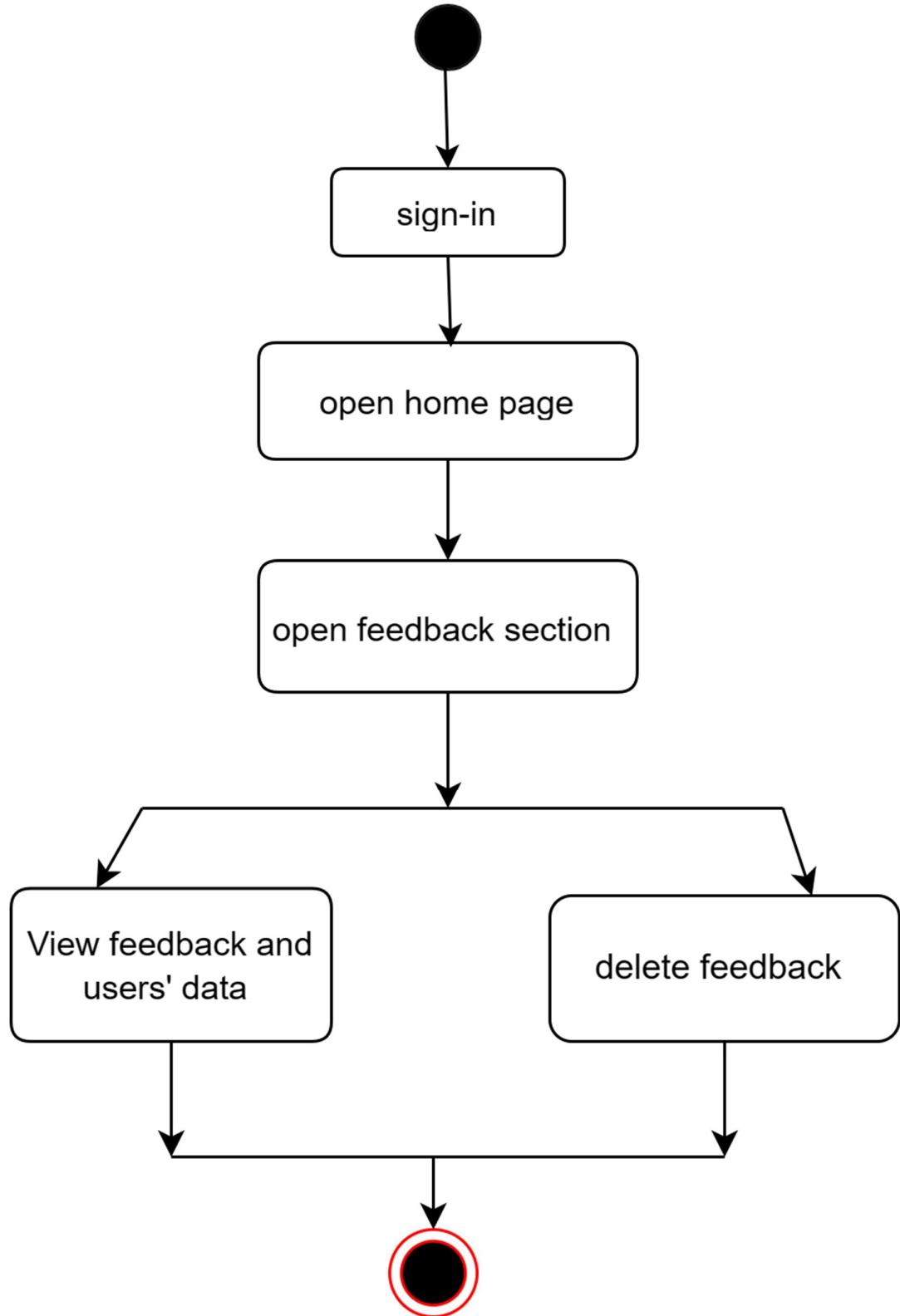


Figure 3.16

3.4.3.3 Writer:

3.4.3.3.1 SIGN-UP & SIGN-IN AS A WRITER:

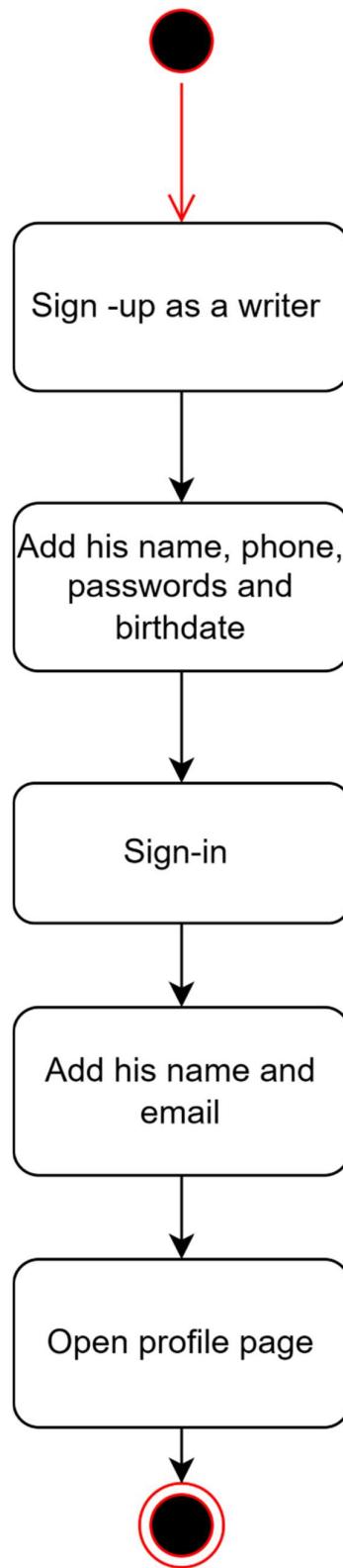


Figure 3.17

3.4.3.3.2 WRITER PROFILE:

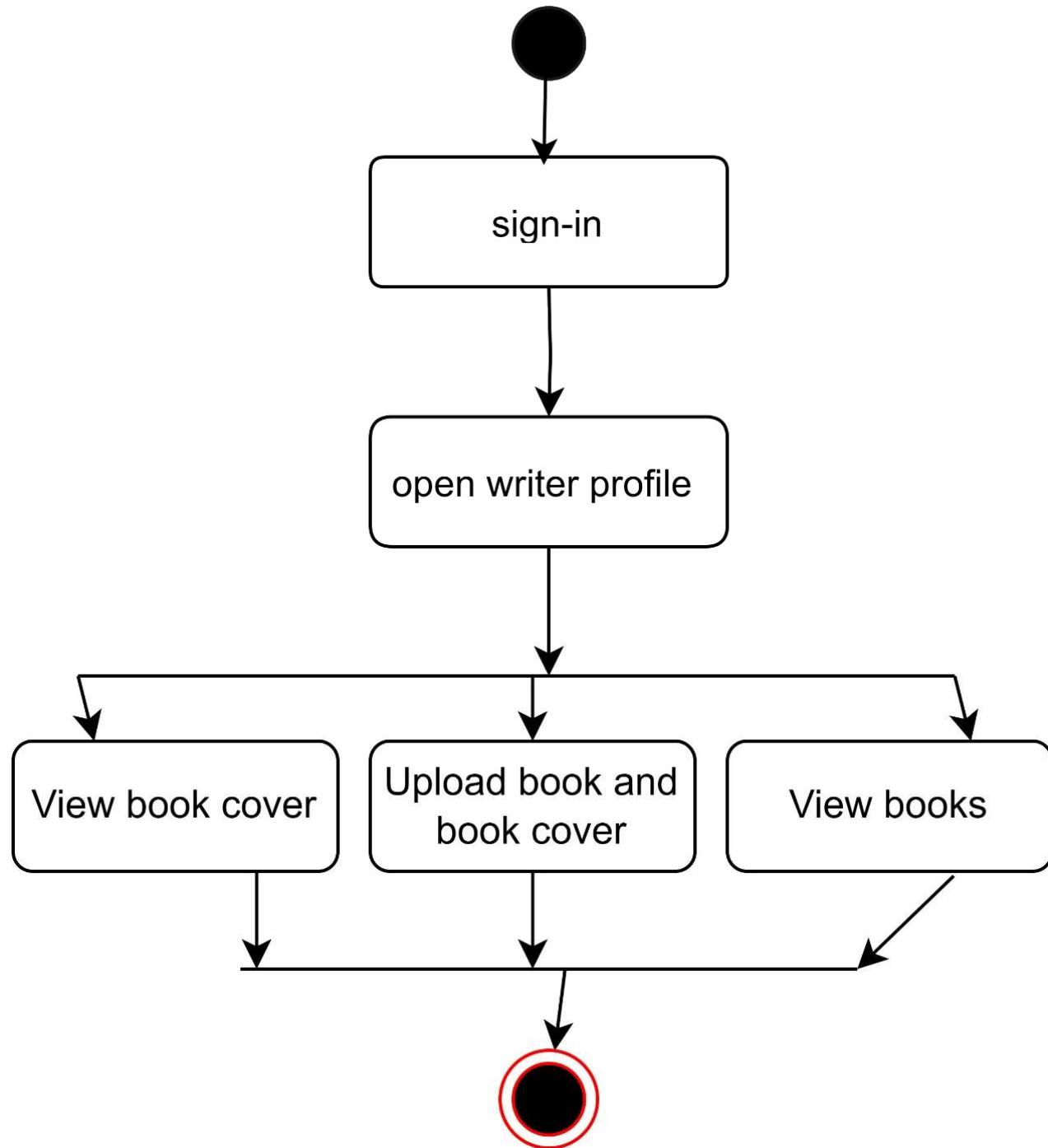


Figure 3.18

Chapter Four: SYSTEM DESIGN

4.1 Aim of the chapter:

In this chapter, we will present the system design, starting with an introduction to the class diagram. A class diagram is a visual representation of the structure of an object-oriented system, displaying the classes within the system and illustrating the relationships between them. Following this, we will delve into a detailed examination of the Database structure Entity-Relationship Diagram (ERD) and provide a comprehensive overview of the Database Mapping.

4.2 Class Diagram:

A class diagram in the context of system design is a type of static structure diagram used in the Unified Modeling Language (UML). It provides a visual representation of the structure of a system by showing the following elements:

- 1. Classes:** These represent blueprints for objects. Each class describes what an object will be, defining its attributes (properties) and operations (methods). For example, a Dog class might have attributes like color, name, and breed, along with behaviors like wagging, barking, and eating.
- 2. Attributes:** Attributes are properties associated with a class. They map to member variables (data members) in code. For instance, the color and name attributes of the Dog class.
- 3. Operations (Methods):** Operations represent services provided by a class. They correspond to class methods in code. For example, the bark method in the Dog class.
- 4. Relationships:** Class diagrams also show relationships between classes, such as associations, aggregations, and inheritances.

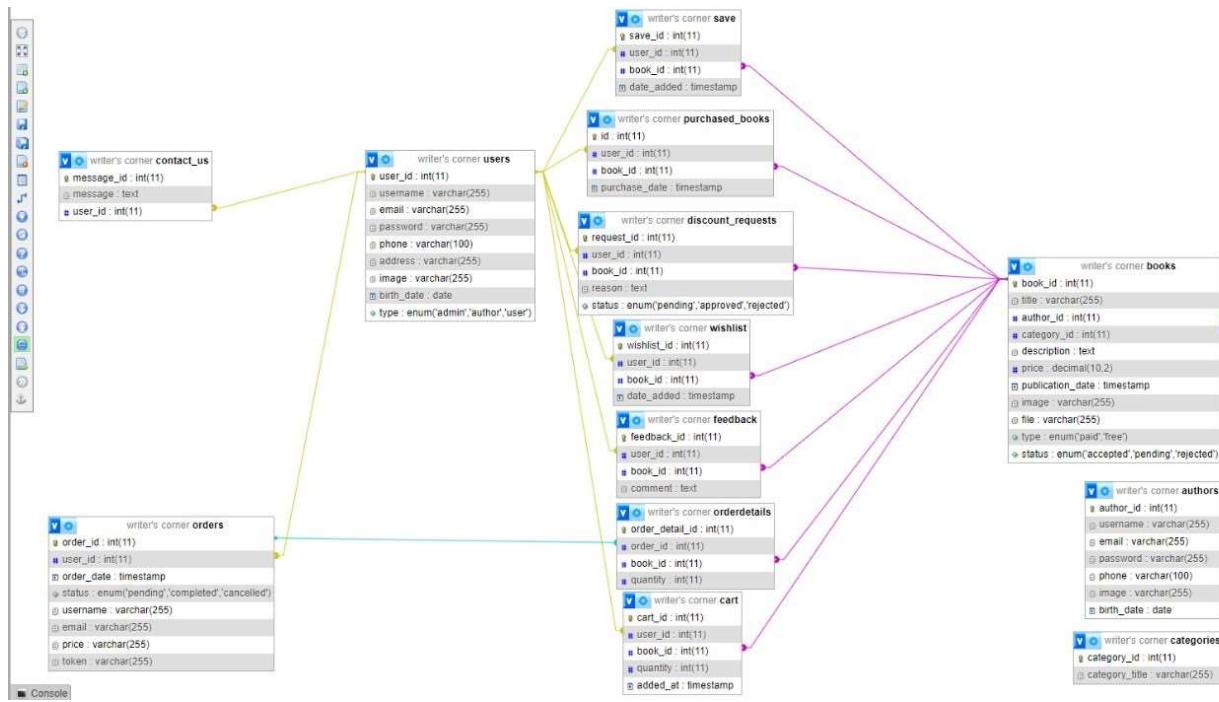


Figure 4.1

4.3 Database structure ERD:

An Entity Relationship Diagram (ERD) is a type of diagram that lets you see how different entities (e.g., user, admin, and writers) relate to each other in an application or a database. They are created when a new system is being designed so that the development team can understand how to structure the database. They can also be created on an existing system to help the team understand how the system works and to find and resolve any issues. Entity Relationship Diagrams use a specific set of symbols, such as shapes and arrows, to depict the system and database.

4.3.1 An Entity-Relationship Diagram (ERD)

is a visual representation of the structure of a database.

It shows the entities (tables) in the database and the relationships between these entities. In terms of UML, an ERD is like a class diagram as it describes how data is related but is more focused on the relational aspect of database design.

4.3.2 The main components of an Entity-Relationship Diagram (ERD) are:

- 1. Entities:** These are objects or concepts that can have data stored about them.
In a database, these typically correspond to tables.
- 2. Attributes:** These are the properties or details of an entity, like columns in a database table.
- 3. Relationships:** These illustrate how entities are related to one another.
Relationships can be one-to-one, one-to-many, or many-to-many.

4. Primary Keys (PK): These are unique identifiers for entities in a database.

4.3.3 ERDs can also include other elements like composite attributes, multivalued attributes, derived attributes, and various types of relationships such as associative entities which can handle many-to-many relationships with their attributes.

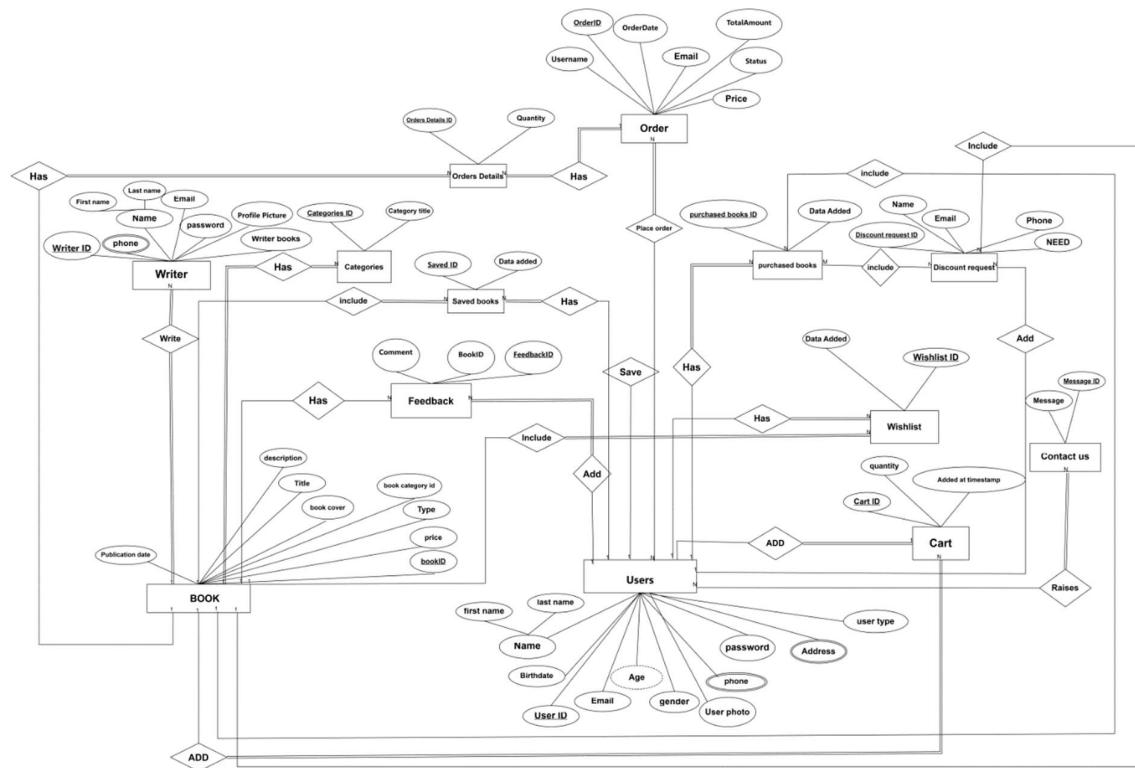


Figure 4.2

4.4 Database Mapping:

4.4.1 Definition:

Data mapping is the process of associating data elements from one source to corresponding data elements in a target system. It ensures seamless data exchange between different databases, applications, or systems.

System design and mapping refer to visually representing the components of a system and their interactions. Systems mapping provides a holistic view of the entire system, allowing us to identify patterns, leverage points, and potential impacts of changes within the system. It's a powerful tool used by systems designers to make sense of complex organizational systems

4.4.2 Why Is Data Mapping Important?

- 1. Data Integration:** When organizations merge or use multiple software tools, data mapping ensures that information flows smoothly across systems.
- 2. Data Migration:** During system upgrades or transitions, data mapping helps move data from an old system to a new one.
- 3. Data Transformation:** When data needs to be converted (e.g., changing date formats or units), data mapping facilitates this process.

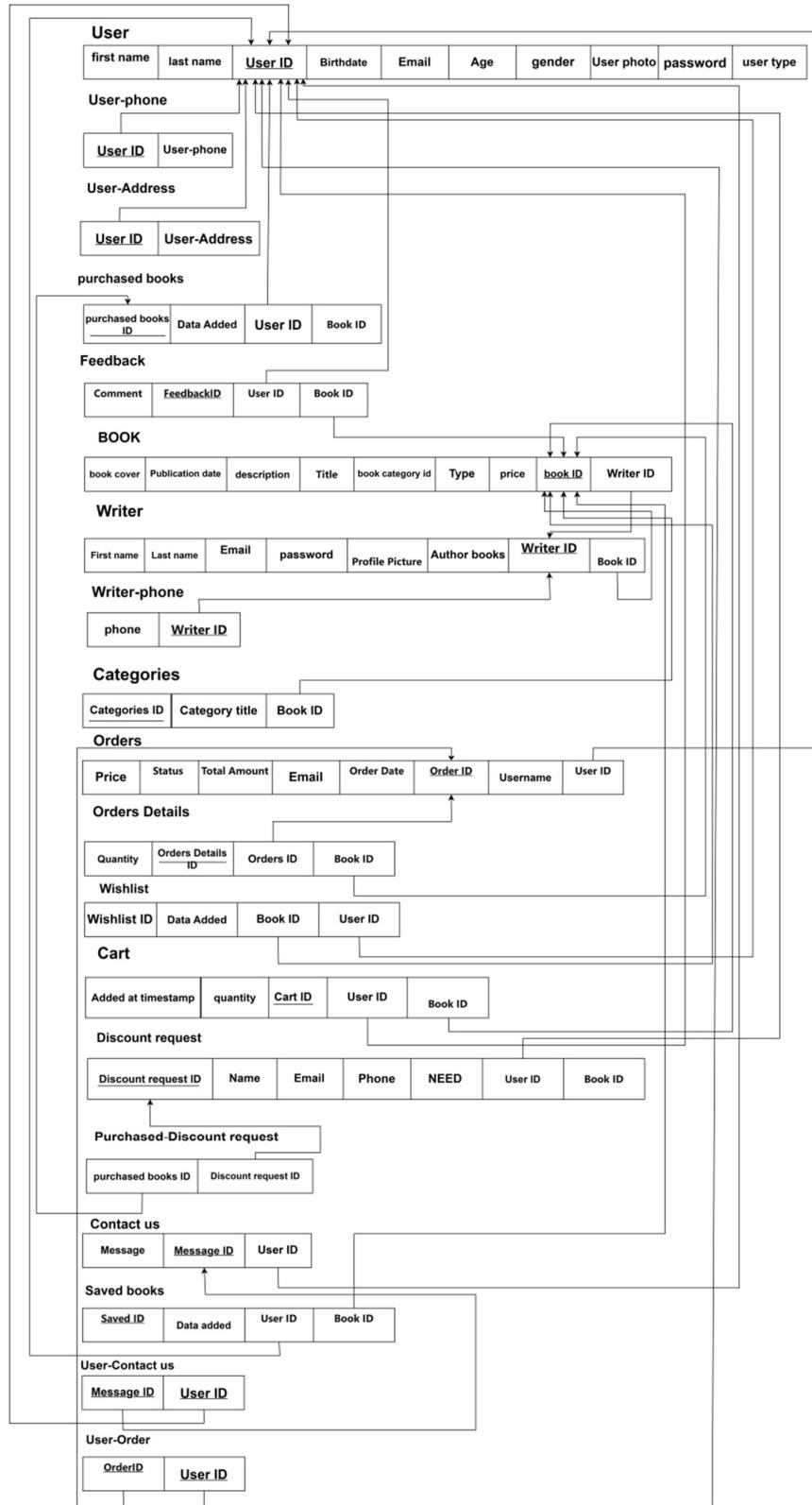


Figure 4.3

Chapter Five:

SYSTEM IMPLEMENTATION

5.1 Aim of the chapter:

The implementation phase in a project aims to transform the plans and designs into a working system or product. During this phase, the primary goal is to ensure that the project deliverables are completed according to the approved project plan, meet quality standards, and are ready for operational use. This phase focuses on bringing the project to life and ensuring that it functions as intended in the real-world environment.

5.2 System Screen Shots:

5.2.1 Choose the registration type.

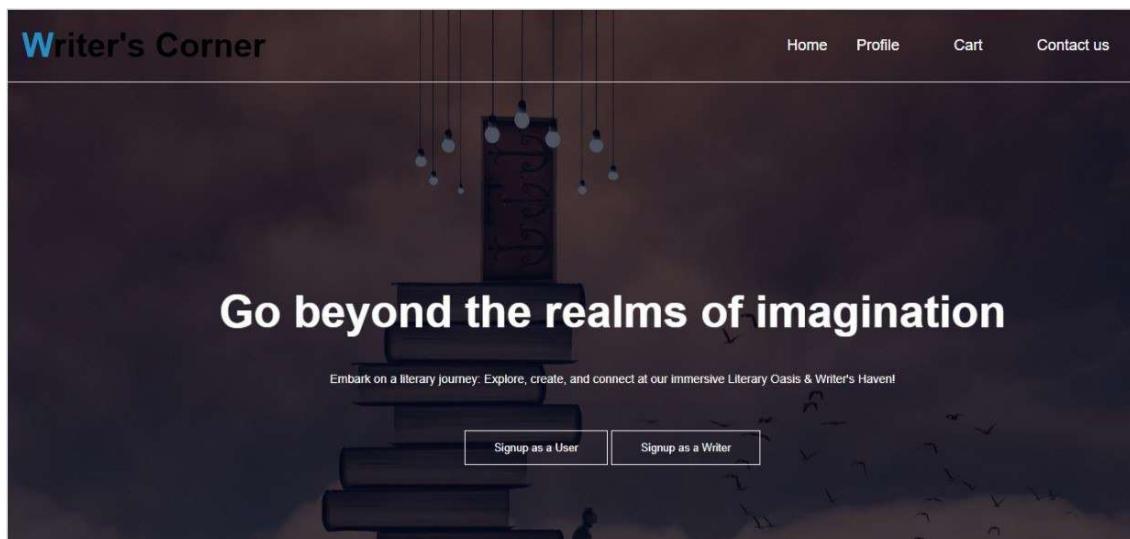


Figure 5.1

5.2.2 The service we provide + our story

The screenshot shows a section titled 'OUR SERVICES' with three main points: 'Dual-purpose platform', 'Interactive website', and 'Variety of Books'. Each point has a brief description. Below this is another section titled 'OUR STORY' with a detailed narrative about the platform's history and mission.

Dual-purpose platform
Our online bookstore serves as a platform for both writers and readers. Writers can publish and distribute their works, including novels, poetry collections, and academic texts, effectively reaching their intended audience. Meanwhile, readers can enjoy a diverse selection of published books across genres, ensuring a rich and enjoyable reading experience.

Interactive website
Our website allows users to interact with their favorite books by expressing their preferences through liking and providing feedback on the published work. Writers can view this feedback, enhancing their understanding of reader preferences and creating a better experience for both writers and readers alike.

Variety of Books
Explore a wide range of books at our online bookstore, featuring classic and niche genres. We prioritize quality and affordability to offer high-standard books at competitive prices. Every purchase ensures value, whether you're diving into timeless favorites or the latest releases.

Welcome to Writer's corner,
In 2024, Writer's Corner was founded, a platform dedicated to empowering writers and connecting them with a global community of book enthusiasts. Recognizing the need for accessibility and inclusivity in the evolving publishing landscape, the team set out to create a space where writers of all backgrounds could freely express their creativity and share their stories. Writer's Corner was built on the principles of creative freedom and collaboration. We as founders understood the true power of literature in transcending boundaries and touching the hearts and minds of diverse readers. Through active forums, author events, and reader-writer interactions, they fostered a vibrant community where writers find support and readers discover new literary experiences. Today, Writer's Corner stands as a thriving online hub, offering a wide range of genres and serving as a hub for writers and readers alike. The platform continues to evolve, driven by the team's unwavering commitment to innovation, diversity, and the power of the written word. Join us on this incredible journey as we celebrate the art of storytelling and the boundless potential of the written word. Welcome to Writer's Corner – where your stories come to life.

Go to Settings to activate Windows.

Figure 5.2

5.2.3 About Us

The screenshot shows a section titled 'ABOUT US' with a detailed paragraph describing the platform's mission and values.

At Writer's Corner, our online bookstore serves as a dynamic hub that empowers writers and enriches the lives of avid readers. We provide authors with the tools and support to seamlessly publish and share their literary creations, spanning captivating novels, thought-provoking poetry collections, and insightful academic texts. For our discerning readers, we curate a diverse selection of high-quality books across a wide range of genres, from timeless classics to cutting-edge niche works, all offered at competitive and affordable prices. Uniquely, our platform encourages meaningful engagement, allowing users to express their preferences and provide valuable feedback on published content. By leveraging this insightful reader input, our authors can enhance their understanding of audience sentiments, fostering an enriched experience for both creators and consumers. Driven by a steadfast commitment to quality and accessibility, every purchase at Writer's Corner delivers exceptional value, ensuring our customers derive maximum satisfaction and inspiration from their literary adventures.

Figure 5.3

5.2.4 Registration page for users

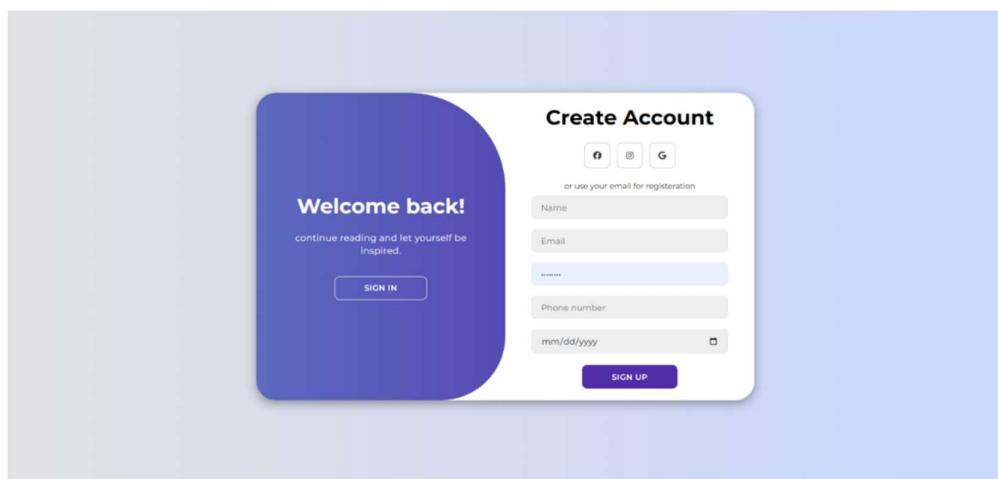


Figure 5.4

5.2.5 Login page for users

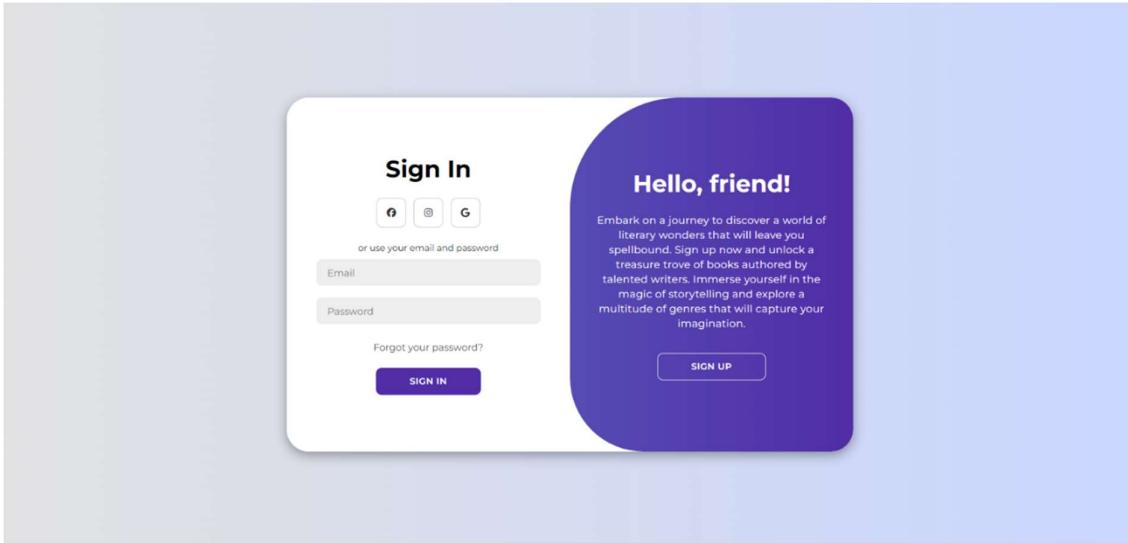


Figure 5.5

5.2.6 Registration page for writers

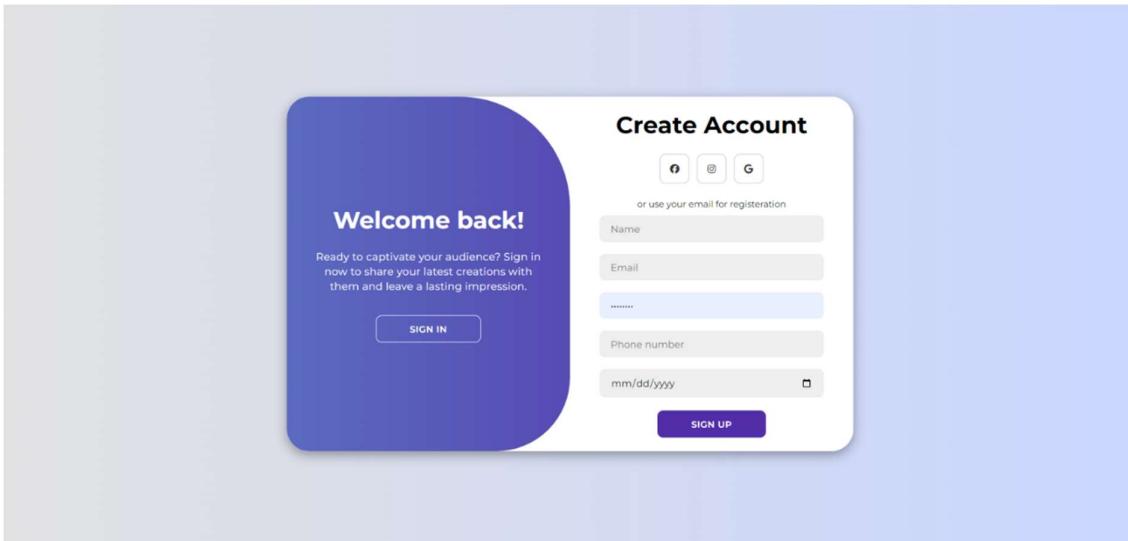


Figure 5.6

5.2.6 Login page for writers

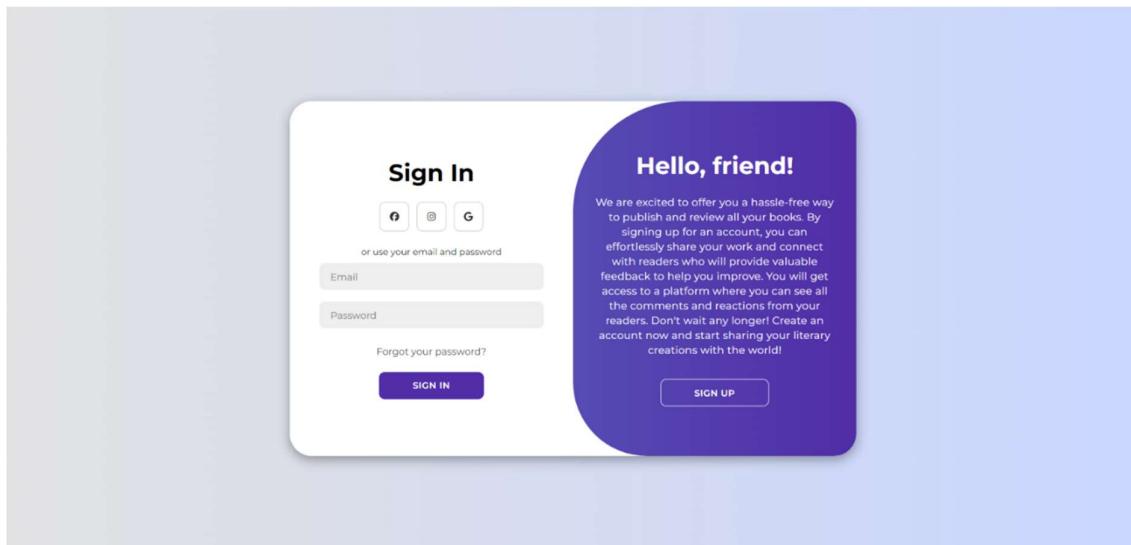


Figure 5.7

5.2.7 Homepage

5.2.7.1 This section is the navbar and book type



Figure 5.8

5.2.8 These are the recently added books.

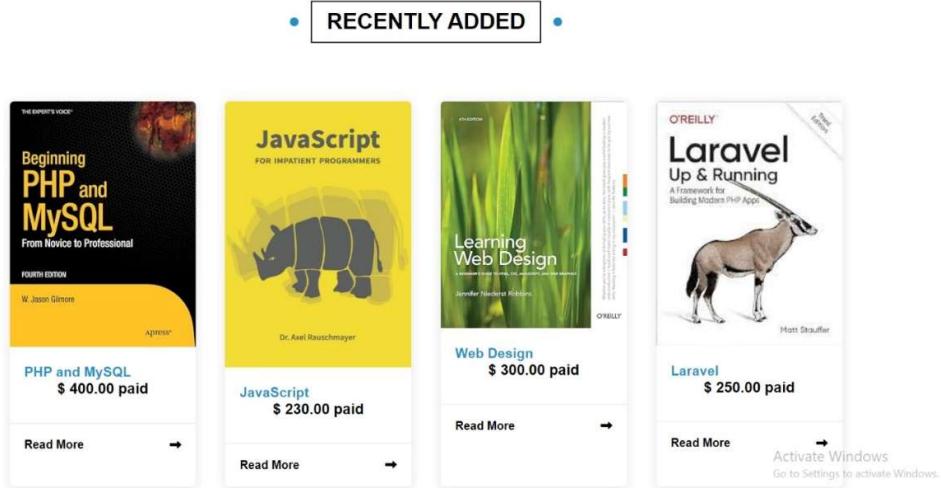


Figure 5.9

5.2.9 This part is specially made for giving discounts to those who deserve financial aid

The image shows a two-column layout. The left column has a blue background and contains the text 'We Have A Discount' and a paragraph about offering special discounts for financial aid. It also features a cartoon illustration of a hand holding a tablet with a percentage icon. The right column has a light gray background and is titled 'Request A Discount'. It contains four input fields: 'Your Name', 'Your Email', 'Your Phone', and a dropdown menu 'Select a Book'. Below these is a large empty text area for a message, followed by a blue 'Send' button.

We Have A Discount

Are you looking for a great deal on our books? You're in the right place! We are offering special discounts on a selection of our best-selling titles as a form of financial aid for those who may not have enough money to buy our books. Just fill out the form to request your discount and enjoy savings on your next read. Don't miss out on this limited-time offer!

Request A Discount

Your Name

Your Email

Your Phone

Select a Book

Send

Figure 5.10

5.2.10 This part is for any inquiries that our users might have.

5

contact information

Fill up the form and our team will get back to you within 24 hours

01024730733

writerscorner.77@gmail.com

yoursite.com

First Name

Last Name

Email

Phone

Send message

Activate Windows
Go to Settings to activate Windows.

Figure 5.11

5.2.12 This is our footer.



Figure 5.12

5.2.12 for the books we have on our website, we have different book types
the first type is Artistic books:



Figure 5.13

5.2.13 The second book type is Scientific books:



Figure 5.14

5.2.14 The Third book type is Horror books:



Figure 5.15

5.2.15 The fourth book type is History books:



Figure 5.16

5.2.16 The fifth book type is Coding books:



Figure 5.17

5.2.17 The sixth book type is Romantic books:

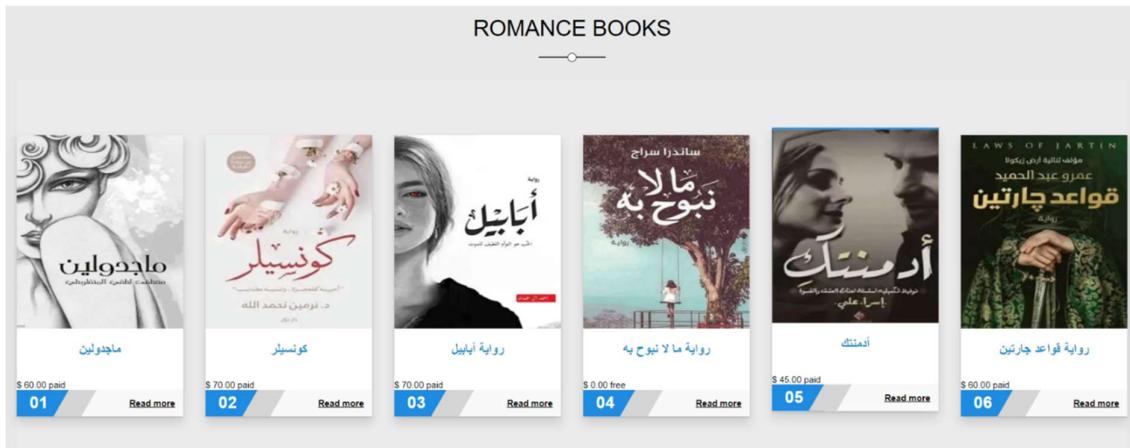


Figure 5.18

5.2.18 Every book has a profile that looks like this:



أنتيХристوس

By: أحمد خالد مصطفى

Add to cart →

Heart Add to wishlist

Bookmark Add to save page

قد أصلينا وحتنا أخيرا .. أنا وأنت .. آخرنا
انفردتك .. وصررت أملاكك .. وأملك عينيك ..
في كل مرة تنظر إليها إلى كلماهاي .. وتقرا فيها
سطوري .. س تكون هذه هي آخر رواية سترتها
لي في يدياك .. غالبا على شفا حفرة من الموت ..
ولم يتفق لي في هذه الحياة إلا سويعات لا أدرى
عدها .. لكنني أعرف أنها طلبة .. ورب غم ذلك ذهبي
كافحة لأسرك بما أريد أن أسرك إيه من الحديث ..
قل أن آيدا أقول لك .. يجب أن تقرأ هذا الكتاب
وتحمره .. فسيجلبون النكس منه ومن كل من
قرأه .. كما فعلوا مع كل الكتب التي شاربته

basma@gmail.com



Send your feedback

Figure 5.19

5.2.19 Also, every book has feedback:

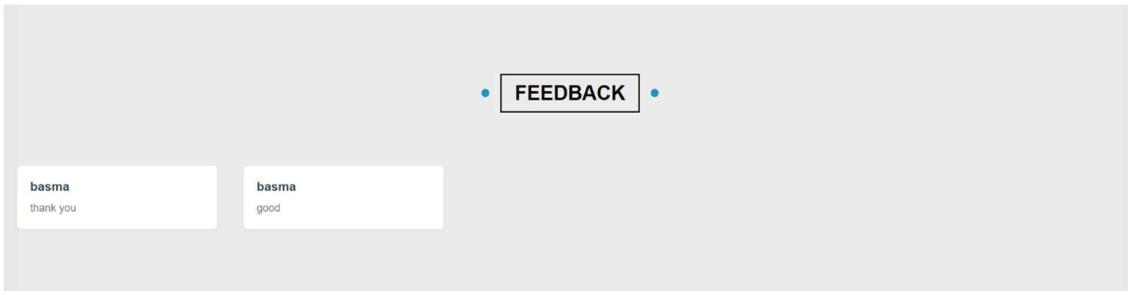


Figure 5.20

5.2.20 On pressing add to Wishlist:

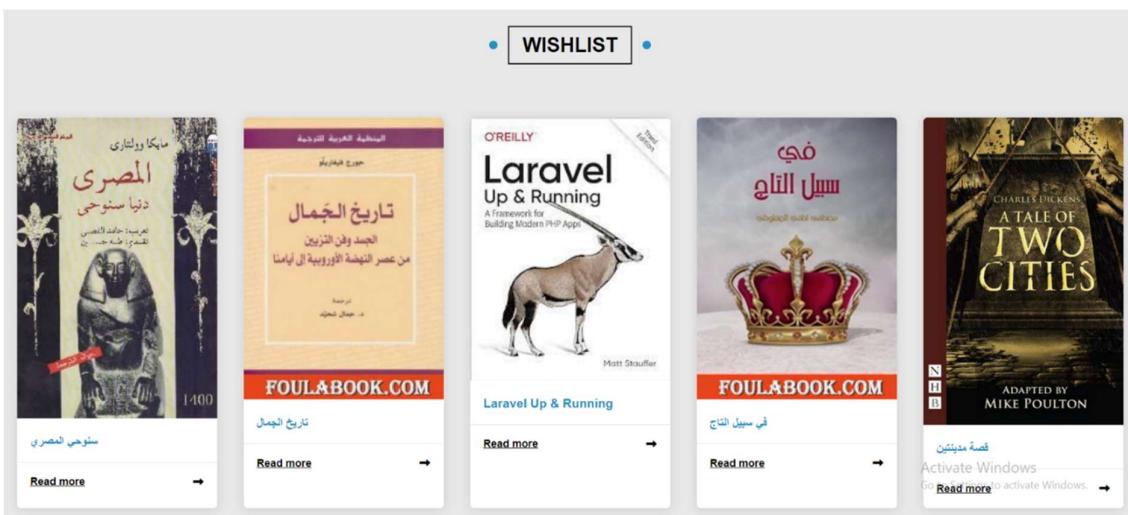


Figure 5.21

5.2.21 On pressing add to save page:

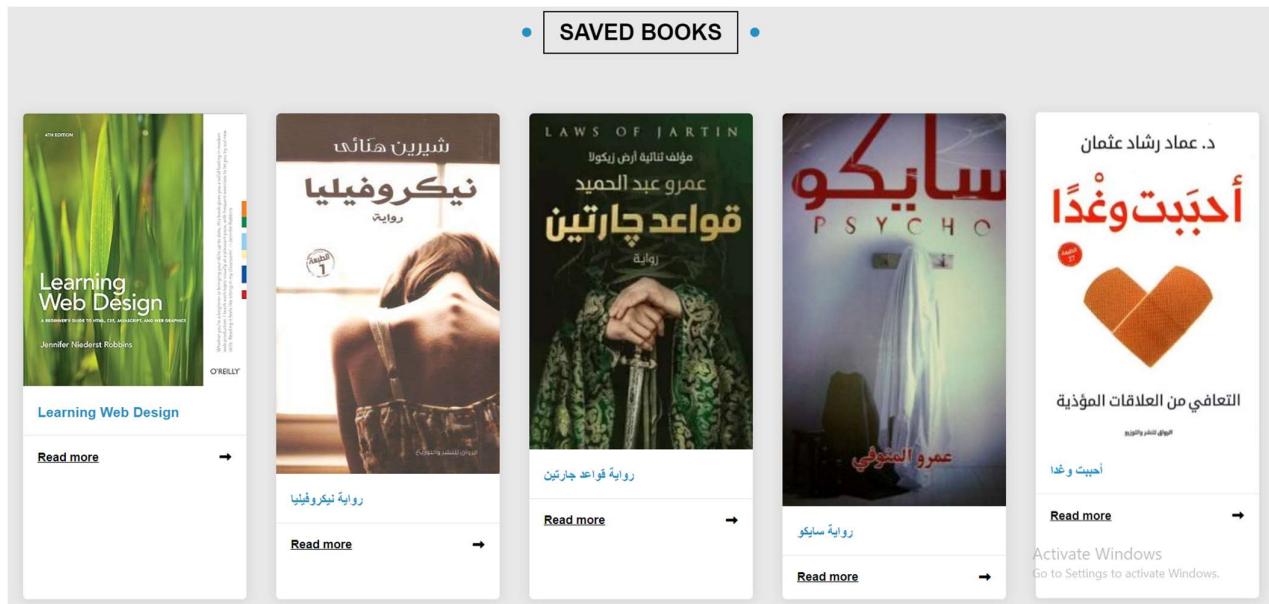


Figure 5.22

5.2.22 The account profile and purchased books are accessed through the navbar

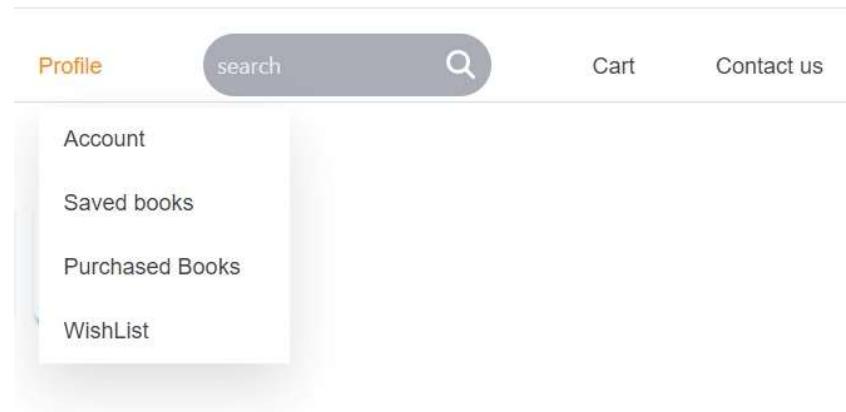


Figure 5.23

5.2.23 The account profile:

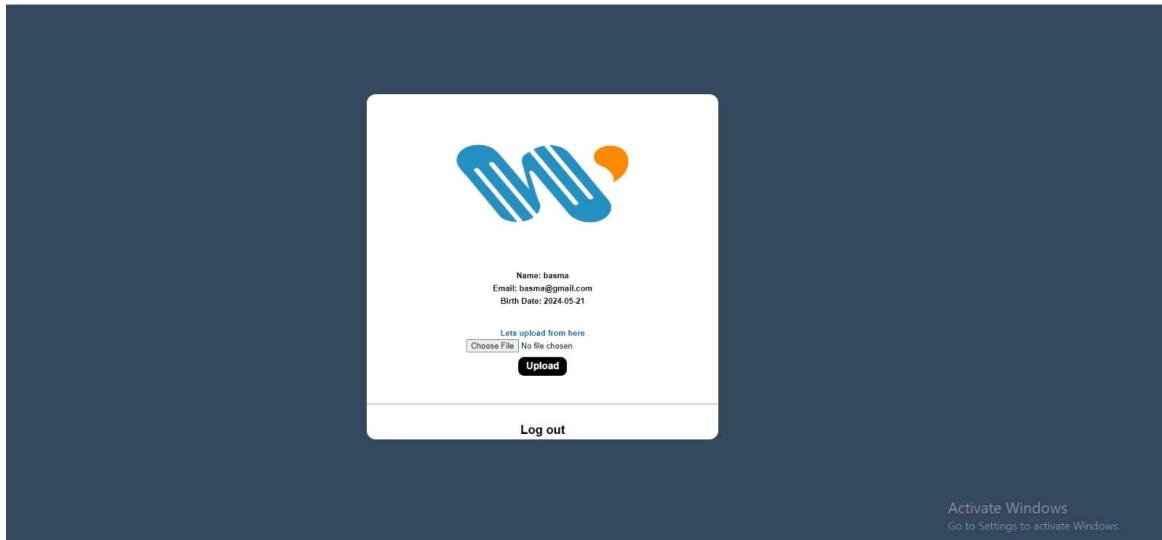


Figure 5.24

5.2.24 Purchased books:

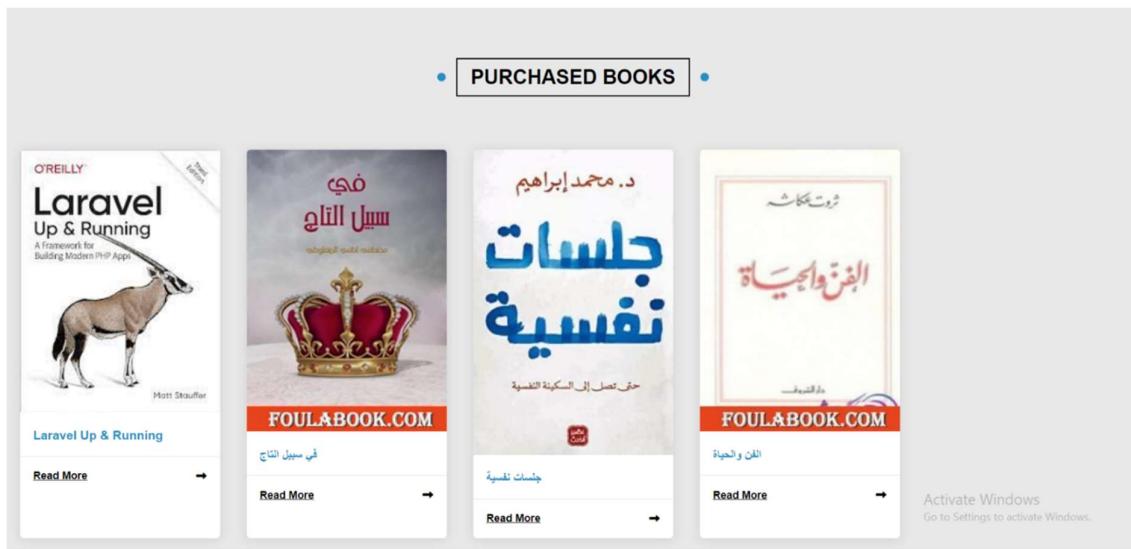


Figure 5.25

5.2.25 Furthermore, on using Read more:

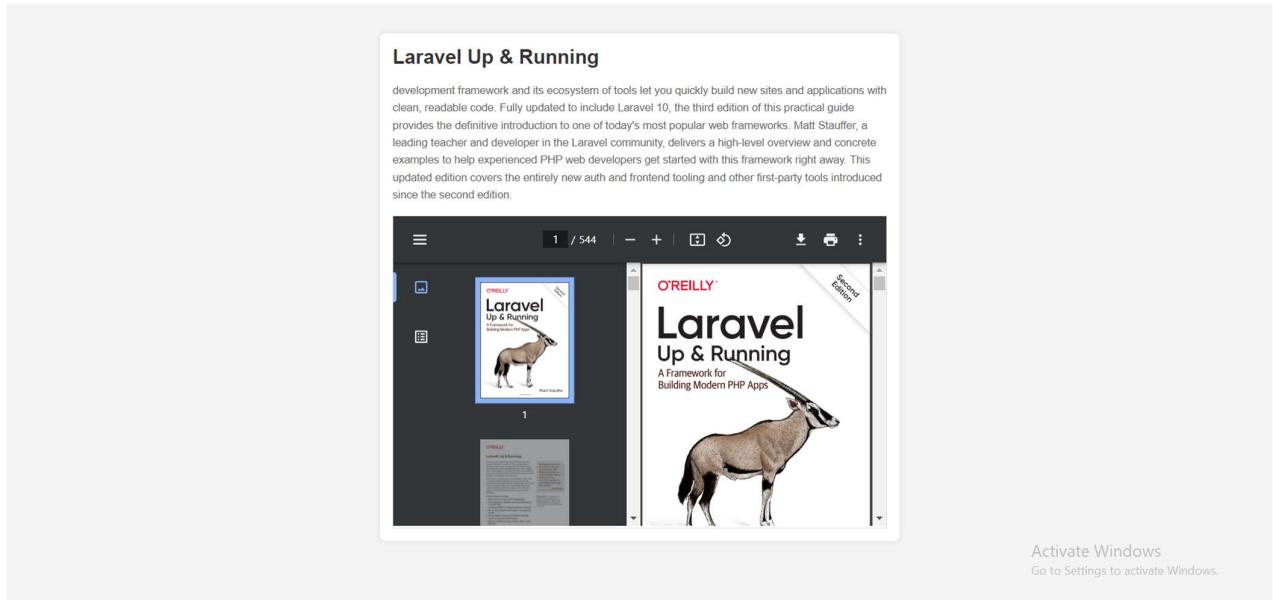


Figure 5.26

5.2.26 After pressing on add to cart gets redirected to the cart:

| Book | Price | |
|--|----------|------------------------|
| سونجي المصري By: مينا ماهرى | \$90.00 | Delete |
| Laravel By: Matt Stauffer | \$250.00 | Delete |
| جلسات تفطيرية By: محمد إبراهيم | \$50.00 | Delete |
| في بيتنا الأحمر By: مسلفي لطفي المطاوي | \$60.00 | Delete |
| JavaScript By: Axel Rauschmayer | \$230.00 | Delete |
| المربيون By: جهاد حليل جهاد | \$90.00 | Delete |

Total price: 770

[Checkout](#) [Continue Shopping](#)

Figure 5.27

5.2.27 Pressing on check out takes you to the payment page:

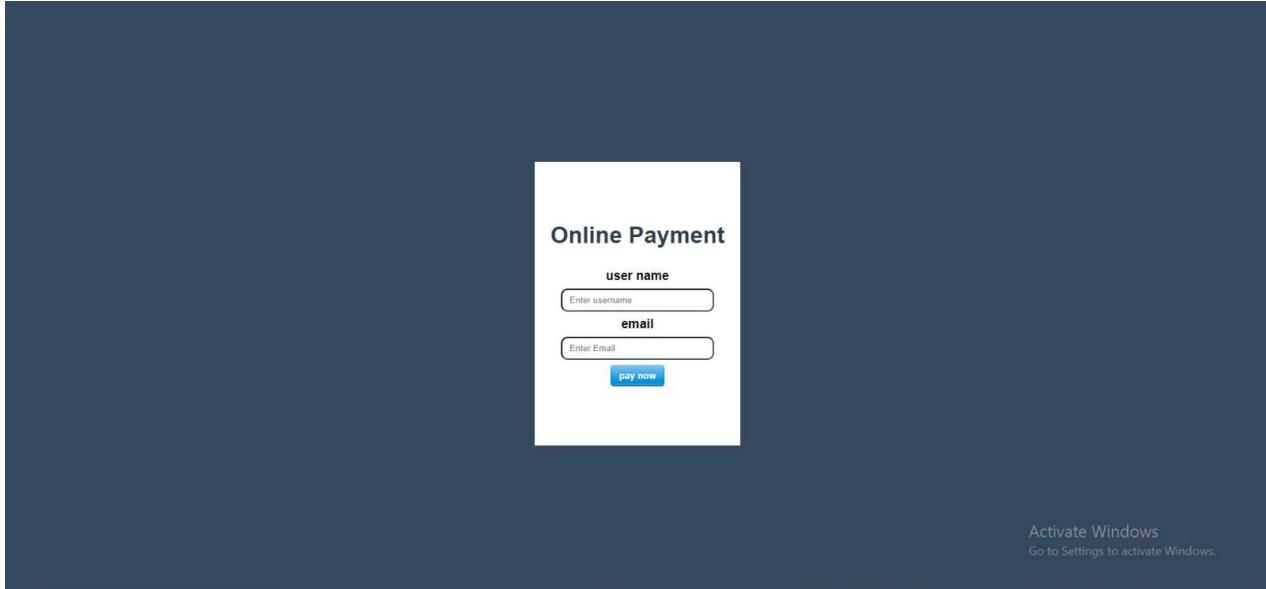


Figure 5.28

5.2.28 Pay now:

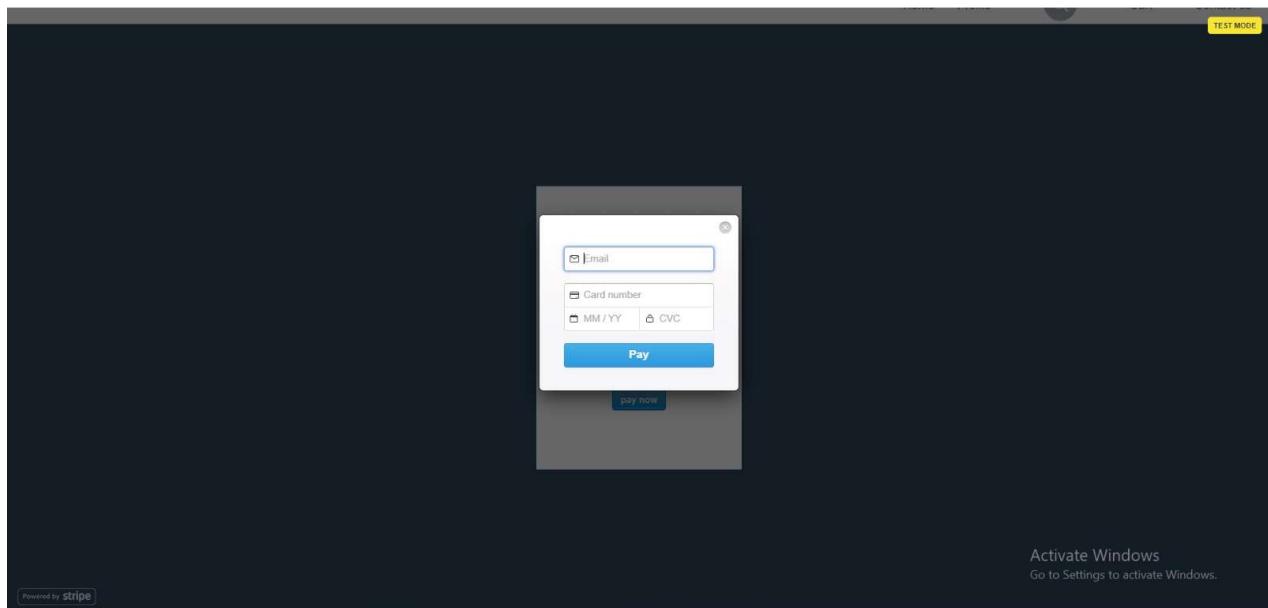


Figure 5.29

5.2.29 Writer's profile:

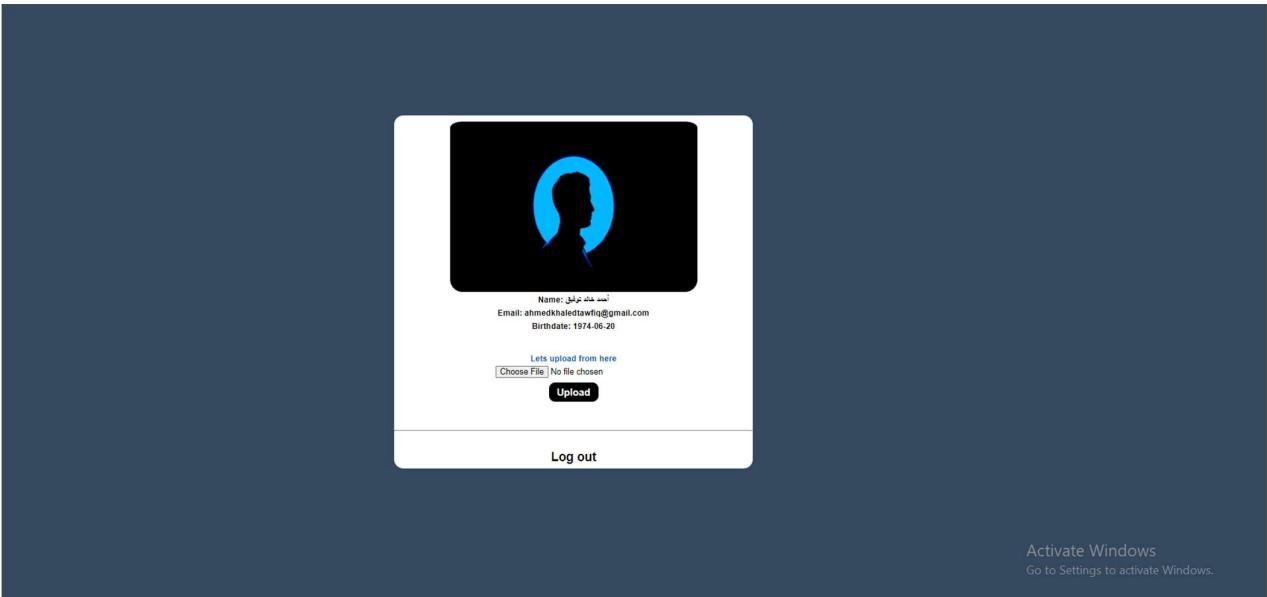


Figure 5.30

5.2.30 And on the same page his writings:



Figure 5.31

5.2.31 And if the author wants to add a book:

The screenshot shows a form titled "let's upload from here". It contains five input fields: "title", "price", "description", "category", and "writer name", each with a placeholder text below it. Below these is a section titled "upload the book cover" with a "Choose File" button and a message "No file chosen". Another section titled "upload the pdf" follows, also with a "Choose File" button and a "No file chosen" message. At the bottom is a large blue "upload" button.

Activate Windows
Go to Settings to activate Windows.

Figure 5.32

5.2.32 Lastly the admin page

In the admin home page:

We have Recent users:

The screenshot shows the "ADMIN" dashboard with a navigation bar at the top: Home, Writers, Books, Feedback, All Orders, Users, and Log out. Below this is a section titled "RECENT USERS" containing a table with the following data:

| Name | Picture | Email address | Password | Date of birth | Phone number |
|--------|---------|------------------------|--|---------------|--------------|
| eyad | | eladwaleed16@gmail.com | \$2y\$10\$tva5LdtfbVFScWcPFMUvYOUHSoUbZ2XzftZH/hmFJgfclqW.8waK | 2024-06-12 | 01052525252 |
| alaa | | alaa@gmail.com | \$2y\$10\$Yz3mAR/ovXUL8bCt1LK6b.15wAiQkxRqvg4lVn3OPk9Bk8Nui9zhO | 2002-06-01 | 01276866491 |
| basant | | basant@gmail.com | \$2y\$10\$d/x2sb19nKwIMWo7.c2nWOEN2XRJVXVZwWyIxLbOh8laNQMPnPsk1m | 2024-05-27 | 123456789 |
| basma | | basma@gmail.com | \$2y\$10\$o4A45FpS92d3ChFkEeKEvec7aoPK55XHag.s.7ZPG.c0KJRZqEbr2 | 2024-05-21 | 123456789 |

Activate Windows
Go to Settings to activate Windows.

Figure 5.33

5.2.33 The recent orders:

| RECENT ORDERS | | | | | | |
|---------------|------------------------|--------------|--------------|--------------------------|---------------------|-----------|
| User's name | Email | Phone number | Book's cover | Book's name | Date | Status |
| EyadWalid | eyadwalid004@gmail.com | 123456789 | | Learning Web Design | 2024-06-21 07:50:24 | completed |
| EyadWalid | eyadwalid004@gmail.com | 123456789 | | رواية الجزائر | 2024-06-21 07:54:53 | completed |
| EyadWalid | eyad@gmail.com | 123456789 | | رواية علمك إن يعلمك أحدا | 2024-06-21 07:55:38 | completed |

Activate Windows
Go to Settings to activate Windows.

Figure 5.34

5.2.34 The second section of the admin navbar is the writers:

| RECENTLY ADDED WRITERS | | | | |
|------------------------|---|---------------------------|--|----------------------|
| | محمد توفيق | More info | | من احمد |
| | شرين هاشم | More info | | صبرة شفيق |
| | أحمد سلطان | More info | | مراد الحسين |
| | ثامر إبراهيم | More info | | نور عزتستوى |
| | شذرات بيفتر | More info | | سماحة ناصر العبدالله |
| | Activate Windows Go to Settings to activate Windows. | More info | | |

Figure 5.35

5.2.35 Below every writer we have more info about his.



Figure 5.36

5.2.36 The third section in the admin navbar is the Recently Added books:

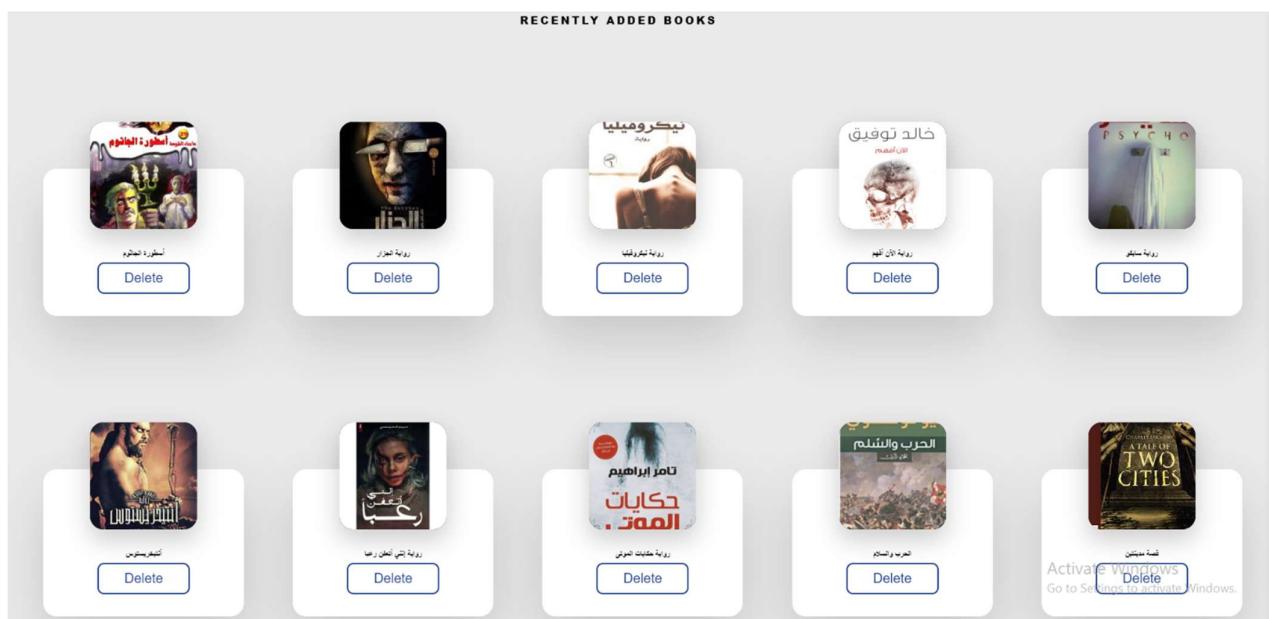


Figure 5.37

5.2.37 Pending books must be approved or rejected by the admin:

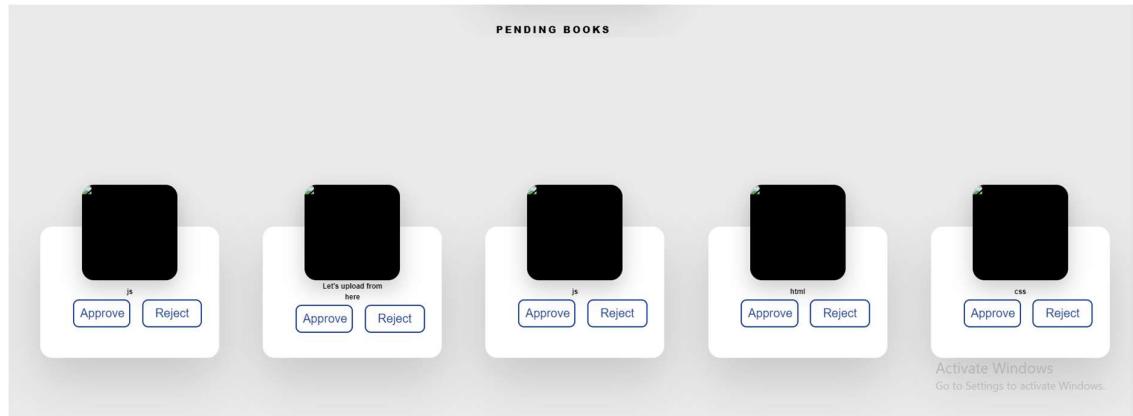


Figure 5.38

5.2.38 The fourth section of the admin navbar is the feedback:

| FEEDBACKS | | | | | |
|-----------|-----------------|--------------------------------------|-----------|------------------------|--|
| Username | Email | Book | Message | Options | |
| basma | basma@gmail.com | JavaScript For Impatient Programmers | thank you | Delete | |
| eyad | eyad@gmail.com | كتبة ممدوح | thank you | Delete | |
| eyad | eyad@gmail.com | الحرب والسلام | thank you | Delete | |
| basma | basma@gmail.com | Learning Web Design | thank you | Delete | |
| basma | basma@gmail.com | Learning Web Design | good | Delete | |
| basma | basma@gmail.com | في سلسلة الكتب | GG | Delete | |

Figure 5.39

5.2.38 The fifth section of the admin navbar is the list of orders:

| LIST OF ORDERS | | | | | | |
|----------------|------------------------|--------------|--------------|----------------------|---------------------|-----------|
| Users'sname | Email | Phone number | Book's cover | Book's name | Date | Status |
| EyadWalid | eyadwaleed16@gmail.com | 123456789 | | Laravel Up & Running | 2024-06-18 13:56:33 | completed |
| EyadWalid | eyadwaleed16@gmail.com | 123456789 | | مكاسب تكنولوجيا | 2024-06-18 13:56:33 | completed |
| EyadWalid | eyadwaleed16@gmail.com | 123456789 | | جلسات تقنية | 2024-06-18 13:56:33 | completed |
| EyadWalid | eyadwaleed16@gmail.com | 123456789 | | آمنة وآمنة | 2024-06-18 13:56:33 | completed |

Figure 5.40

5.2.39 And the final section of the admin navbar is the list of users:

| LIST OF USERS | | | | | | |
|---------------|---------|------------------|---|---------------|--------------|--|
| Name | Picture | Email address | Password | Date of birth | Phone number | |
| basma | | basma@gmail.com | \$2y\$10\$o4A45FpS92d3ChFkEeKEvec7aoPK55XHag.s.7ZPG.c0KJRZqEbr2 | 2024-05-21 | 123456789 | |
| basant | | basant@gmail.com | \$2y\$10\$dx2sb9nKwifMw7.c2nWOEN2XRJXVzWlyxLbOh8iaNQMPnPnSk1m | 2024-05-27 | 123456789 | |
| alaa | | alaa@gmail.com | \$2y\$10\$Yz23mAR/oXUL8bCt1LK8b.15wAiQlxRqyg4IVn3OPk9Bk8NuI9zhO | 2002-06-01 | 01234567890 | |

Figure 5.41

Chapter Six:

TESTING METHODOLOGY

6.1 Aim of the chapter:

System testing is the level of testing that definitively validates the complete and fully integrated software product. The primary purpose of system testing is to thoroughly evaluate the end-to-end system specifications. System testing involves a series of diverse tests that are designed to thoroughly exercise the entire computer-based system. In the system testing we: verify the complete integrated website to assess how the elements interact with each other and with a system as a whole, a process known as end-to-end testing scenarios. Also, we verify all inputs on the website through testing to ensure that the expected output is produced.

6.2 Testing methodology:

Testing methodologies are strategies or approaches used to ensure that a software product meets its requirements and functions correctly, we used the unit testing methodology which is Testing individual components or units of code to ensure they work as intended.

6.3 Login validation:

6.3.1 Incorrect E-mail.

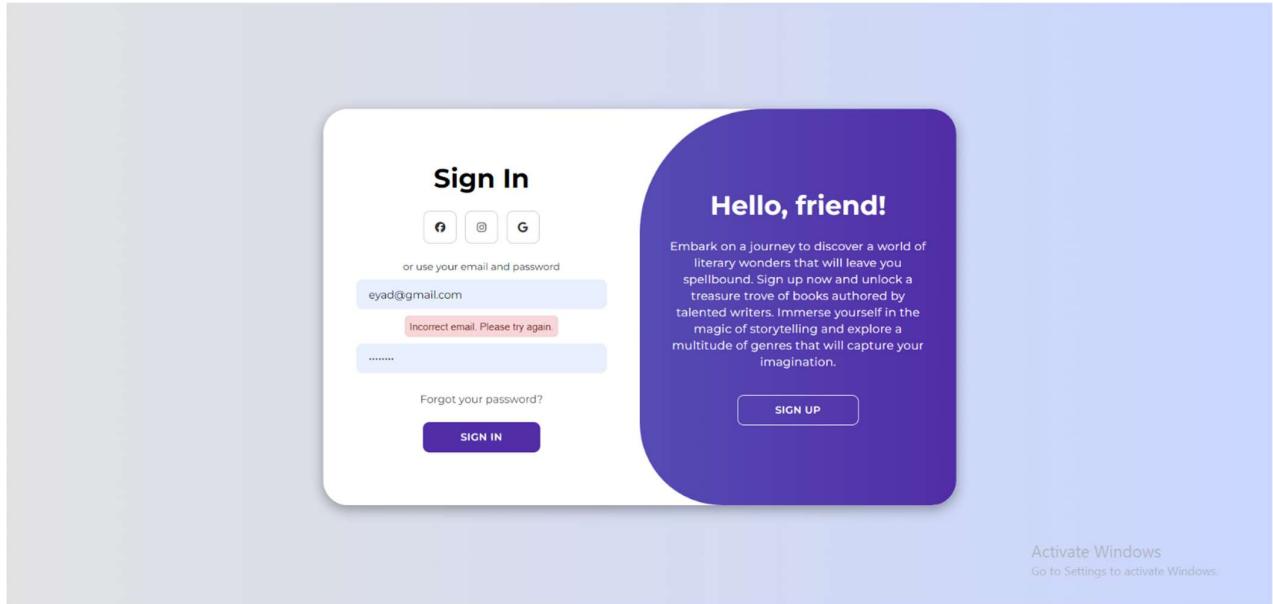


Figure 6.1

6.3.2 Incorrect Password.

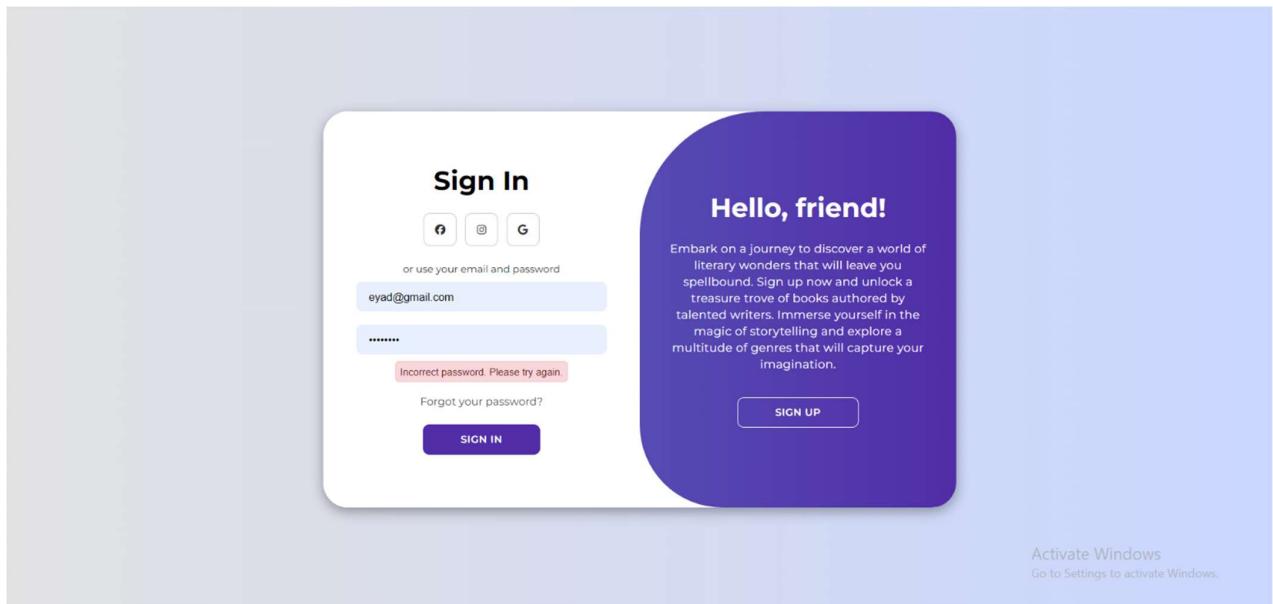
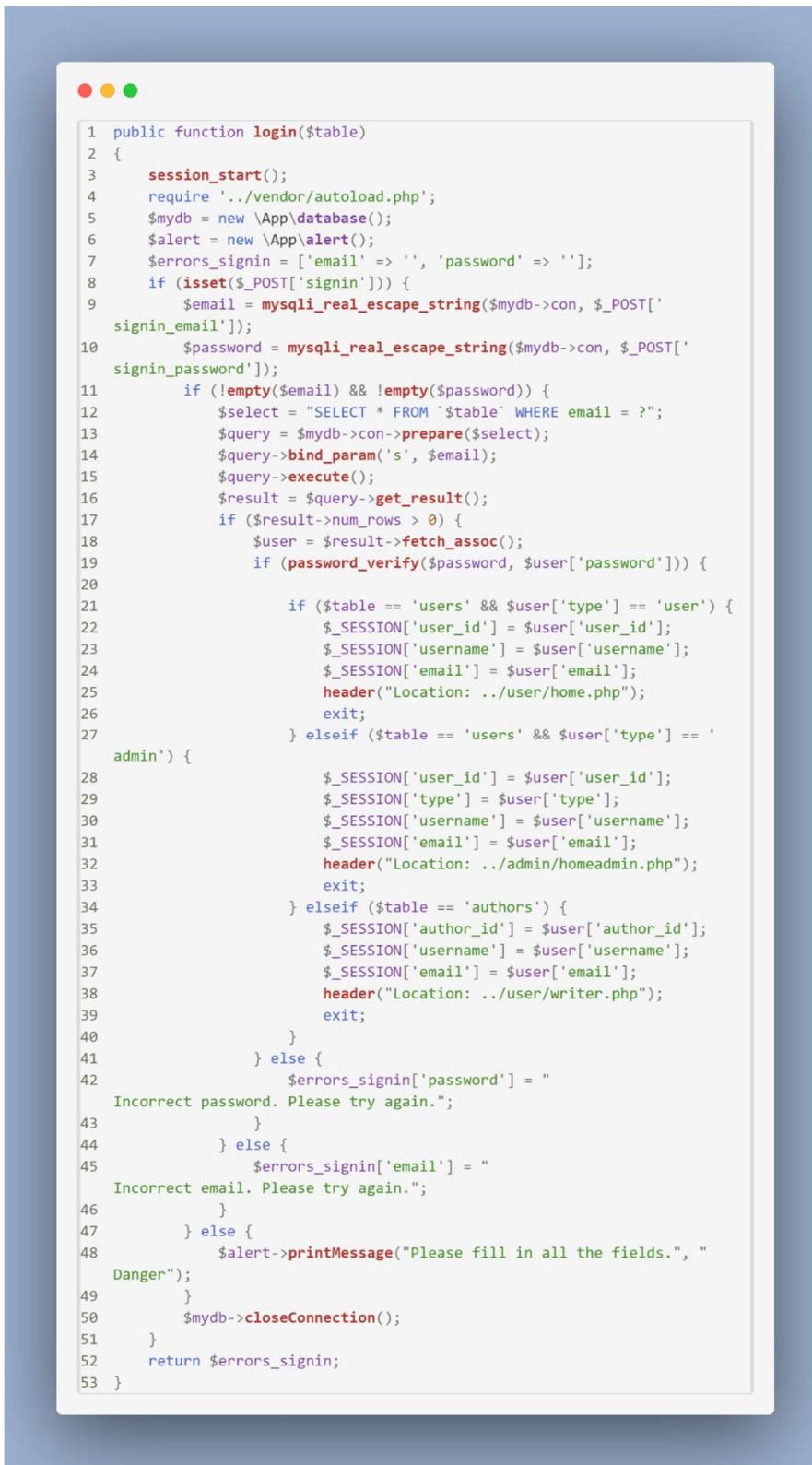


Figure 6.2

6.3.3 Code:



The screenshot shows a code editor window with a dark blue header bar featuring three colored dots (red, yellow, green). The main area contains a block of PHP code. The code defines a public function `login($table)`. It starts by initializing a session and requiring an autoload file. It then creates a database connection object (\$mydb) and an alert object (\$alert). It initializes an array of error messages (\$errors_signin) and checks if the POST variable 'signin' is set. If so, it escapes the email and password from the POST array and performs a MySQL query to check if the user exists. If the result has more than one row, it prints an error message. Otherwise, it fetches the user data and checks if the password is valid using `password_verify`. Depending on the user type ('user' or 'admin'), it sets session variables like `$_SESSION['user_id']`, `$_SESSION['username']`, and `$_SESSION['email']`, and then redirects to either `user/home.php` or `admin/homeadmin.php`. If the user type is neither, it prints an error message. Finally, it prints a danger message and closes the database connection.

```
1 public function login($table)
2 {
3     session_start();
4     require '../vendor/autoload.php';
5     $mydb = new \App\database();
6     $alert = new \App\alert();
7     $errors_signin = ['email' => '', 'password' => ''];
8     if (isset($_POST['signin'])) {
9         $email = mysqli_real_escape_string($mydb->con, $_POST['
signin_email']);
10        $password = mysqli_real_escape_string($mydb->con, $_POST['
signin_password']);
11        if (!empty($email) && !empty($password)) {
12            $select = "SELECT * FROM `{$table}` WHERE email = ?";
13            $query = $mydb->con->prepare($select);
14            $query->bind_param('s', $email);
15            $query->execute();
16            $result = $query->get_result();
17            if ($result->num_rows > 0) {
18                $user = $result->fetch_assoc();
19                if (password_verify($password, $user['password'])) {
20
21                    if ($table == 'users' && $user['type'] == 'user') {
22                        $_SESSION['user_id'] = $user['user_id'];
23                        $_SESSION['username'] = $user['username'];
24                        $_SESSION['email'] = $user['email'];
25                        header("Location: ../user/home.php");
26                        exit;
27                    } elseif ($table == 'users' && $user['type'] == 'admin') {
28                        $_SESSION['user_id'] = $user['user_id'];
29                        $_SESSION['type'] = $user['type'];
30                        $_SESSION['username'] = $user['username'];
31                        $_SESSION['email'] = $user['email'];
32                        header("Location: ../admin/homeadmin.php");
33                        exit;
34                    } elseif ($table == 'authors') {
35                        $_SESSION['author_id'] = $user['author_id'];
36                        $_SESSION['username'] = $user['username'];
37                        $_SESSION['email'] = $user['email'];
38                        header("Location: ../user/writer.php");
39                        exit;
40                    }
41                } else {
42                    $errors_signin['password'] = "
Incorrect password. Please try again.";
43                }
44            } else {
45                $errors_signin['email'] = "
Incorrect email. Please try again.";
46            }
47        } else {
48            $alert->printMessage("Please fill in all the fields.", "
Danger");
49        }
50        $mydb->closeConnection();
51    }
52    return $errors_signin;
53 }
```

Figure 6.3

6.4 Sign-Up Validation:

6.4.1 Username validations:

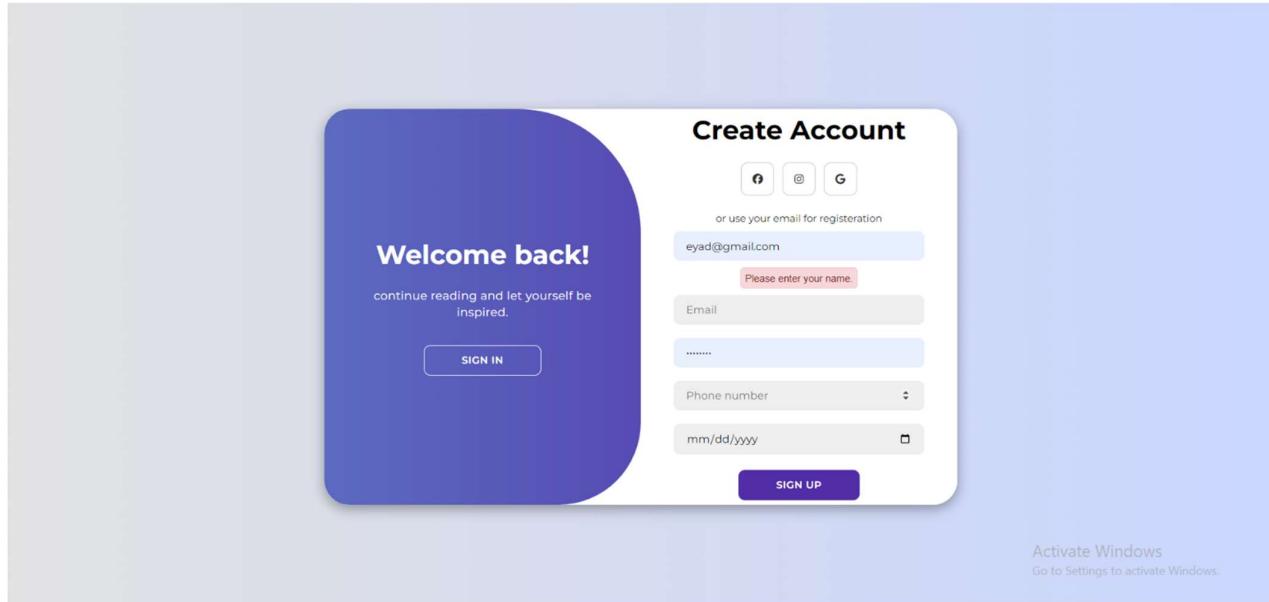


Figure 6.4

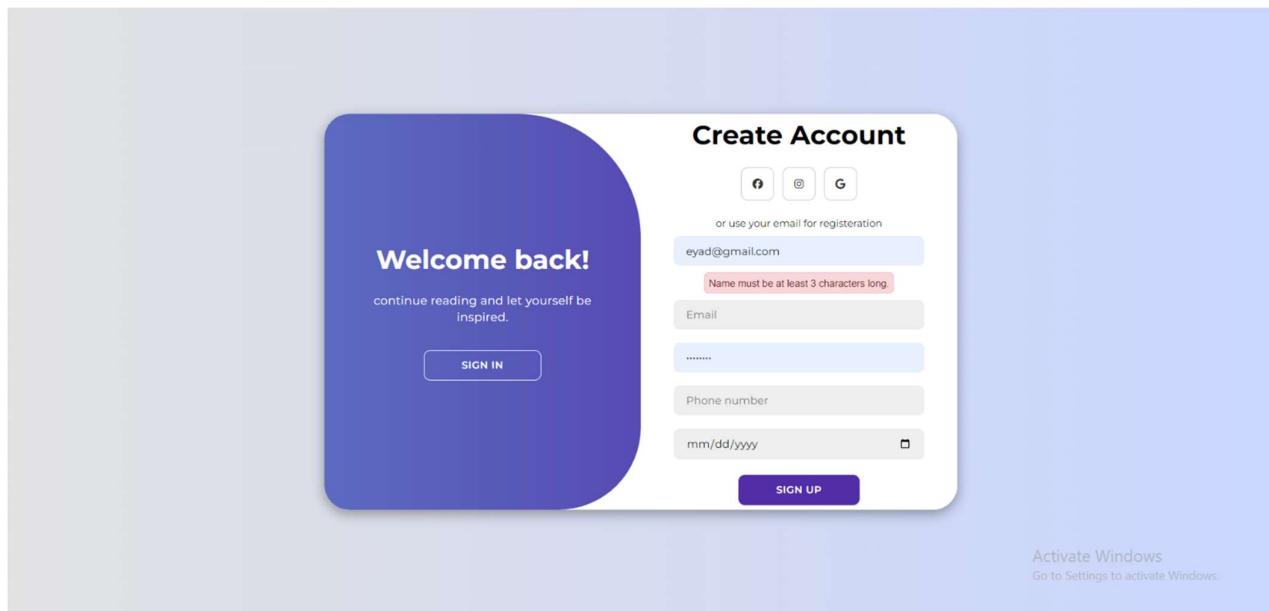


Figure 6.5

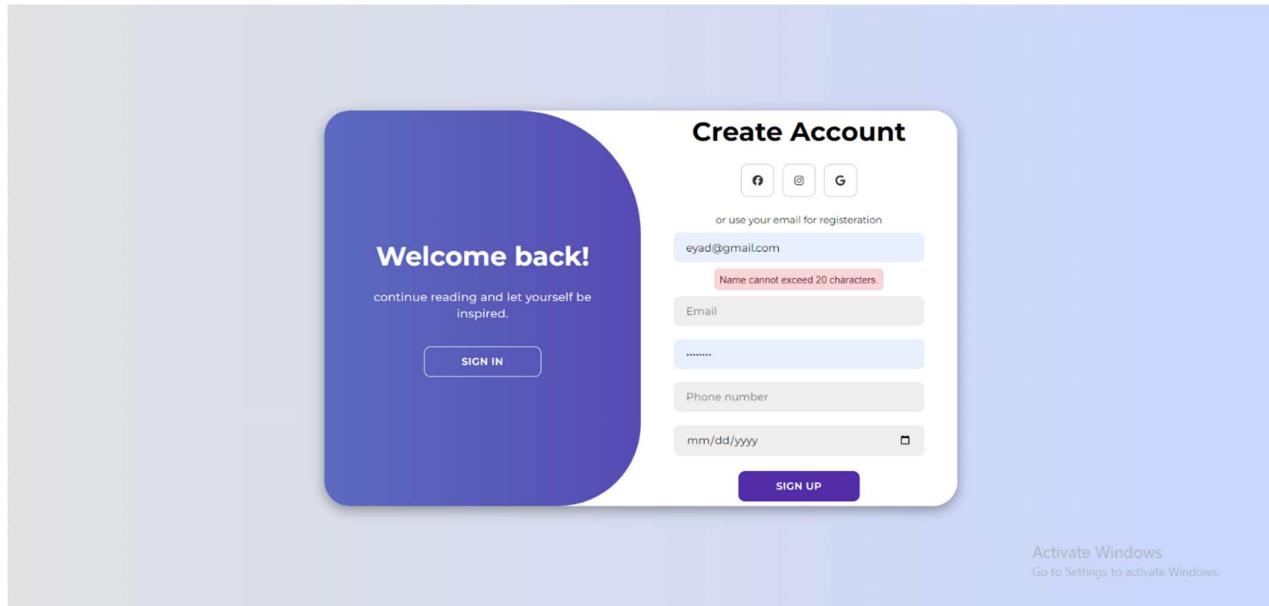


Figure 6.6

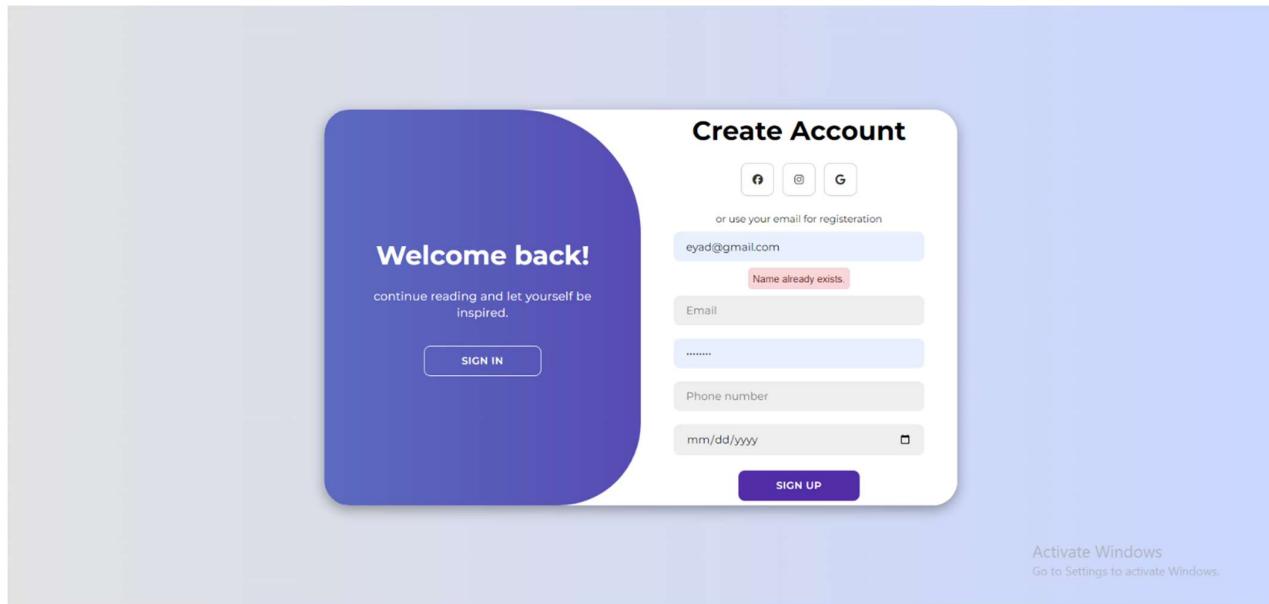


Figure 6.7

6.4.2 Email validations:

6.4.2.1 Please enter your email.

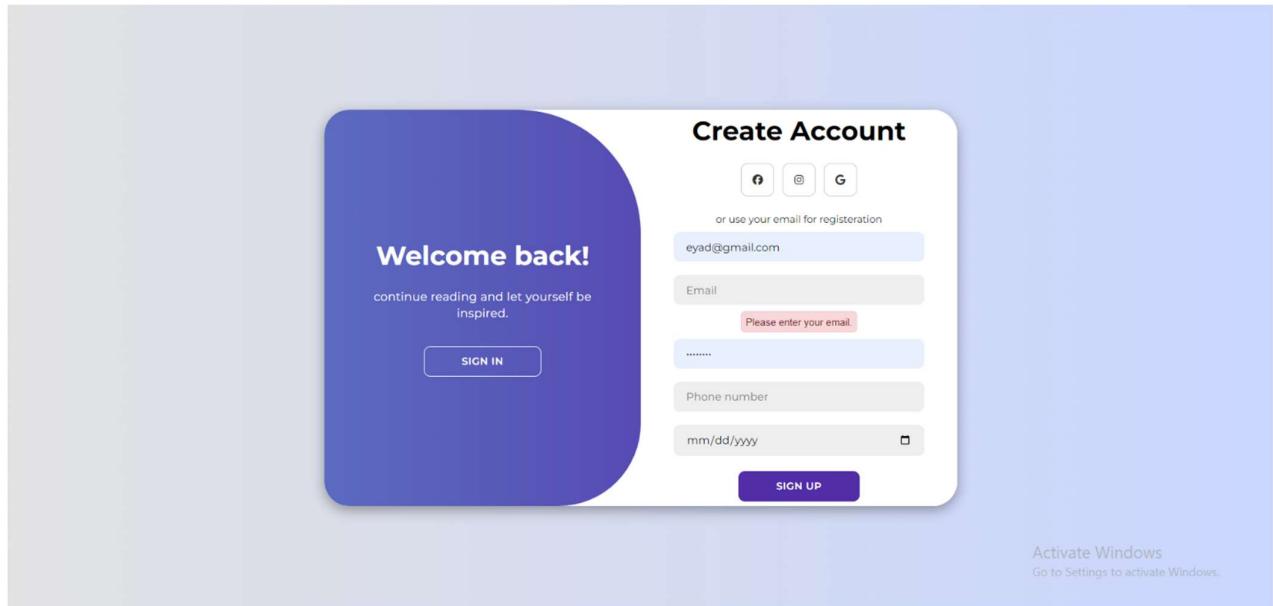


Figure 6.8

6.4.2.2 Invalid E-mail format.

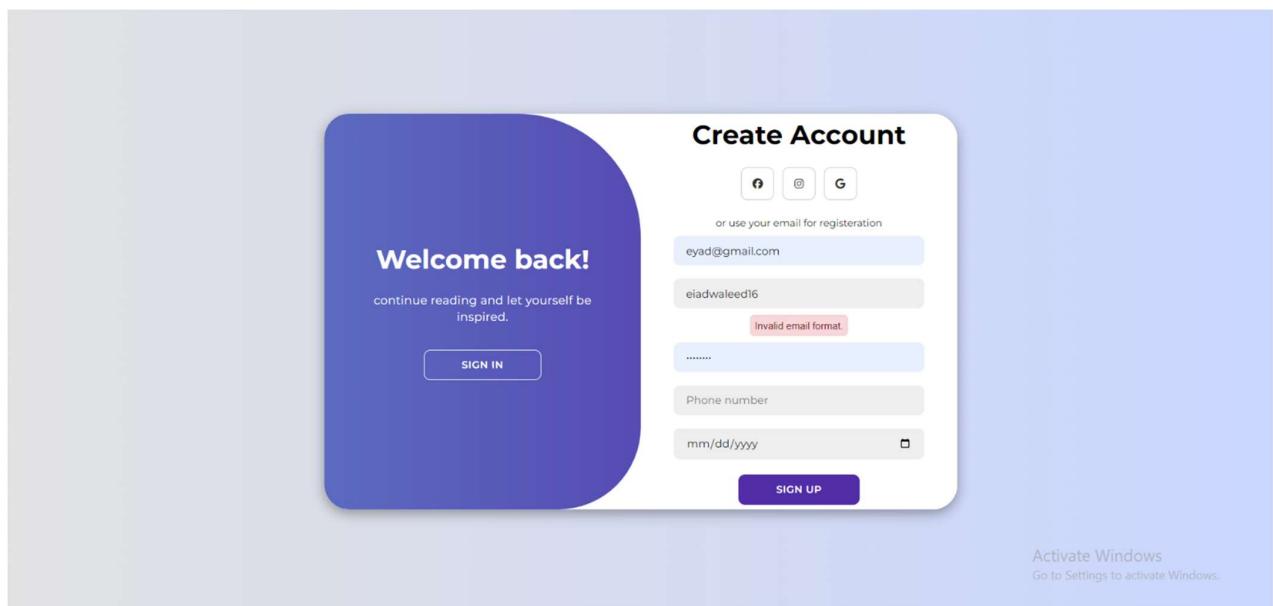


Figure 6.9

6.4.2.3 E-mail already exists.

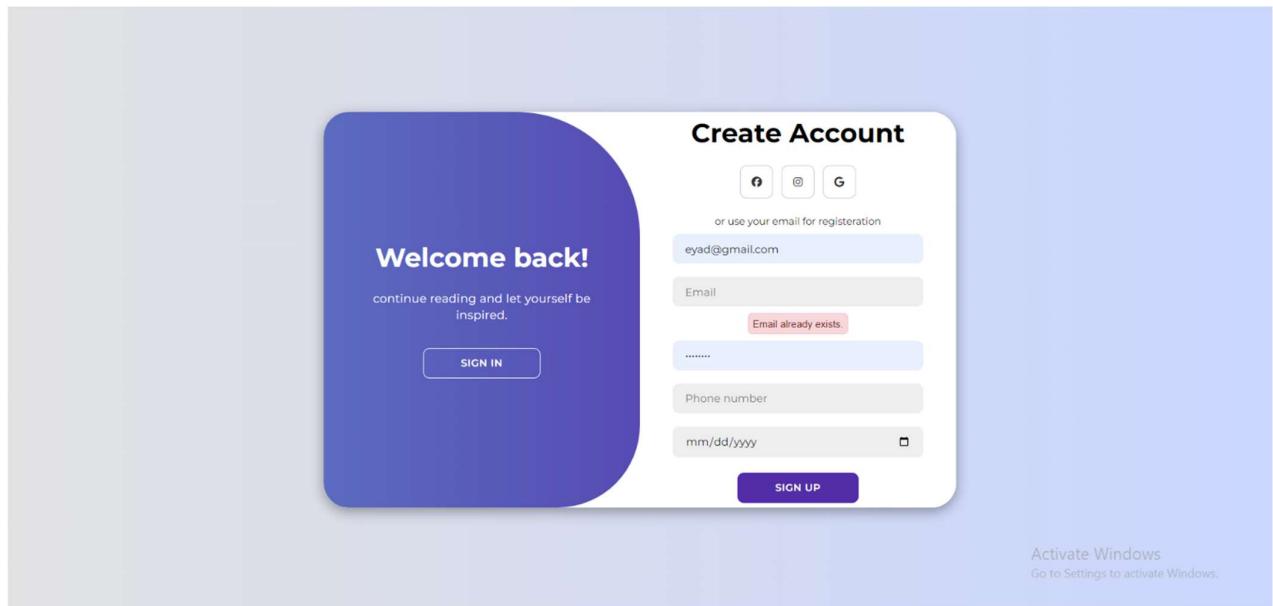


Figure 6.10

6.4.3 Password validations:

6.4.3.1 Please enter your password.

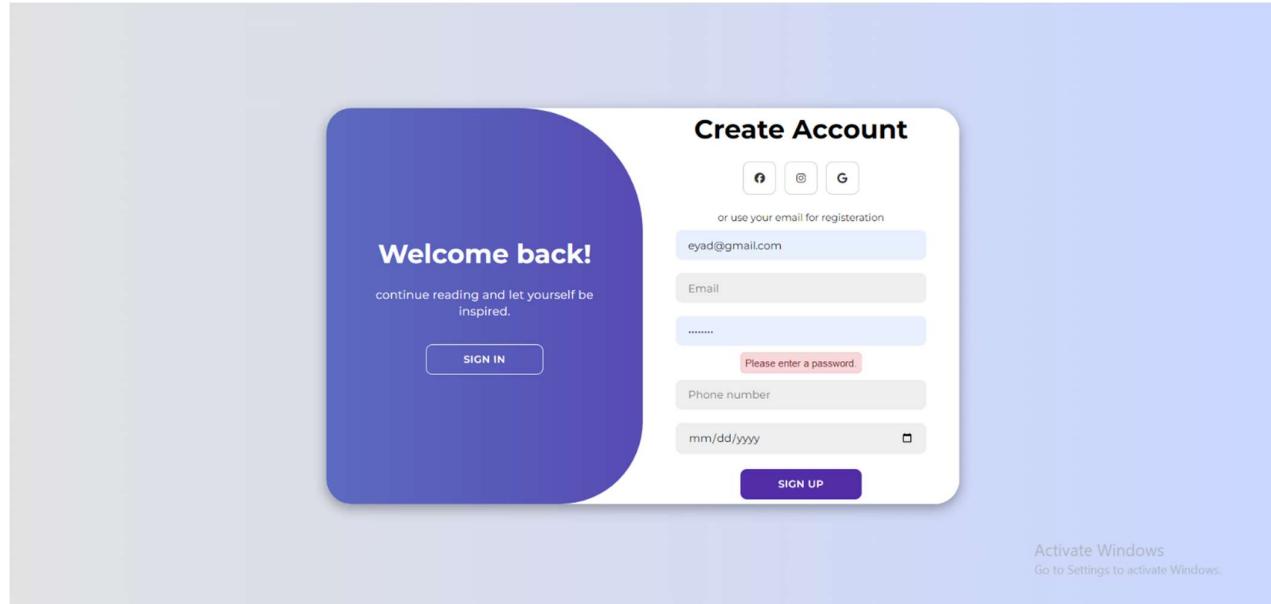


Figure 6.11

6.4.3.2 Conditions to make a strong password.

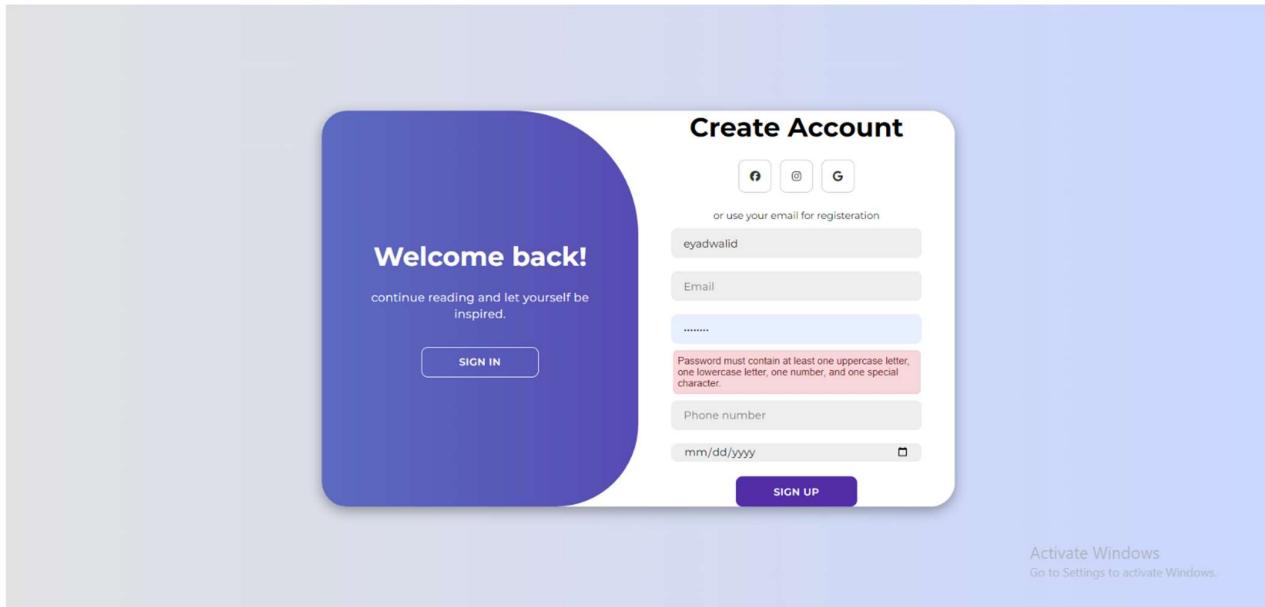


Figure 6.12

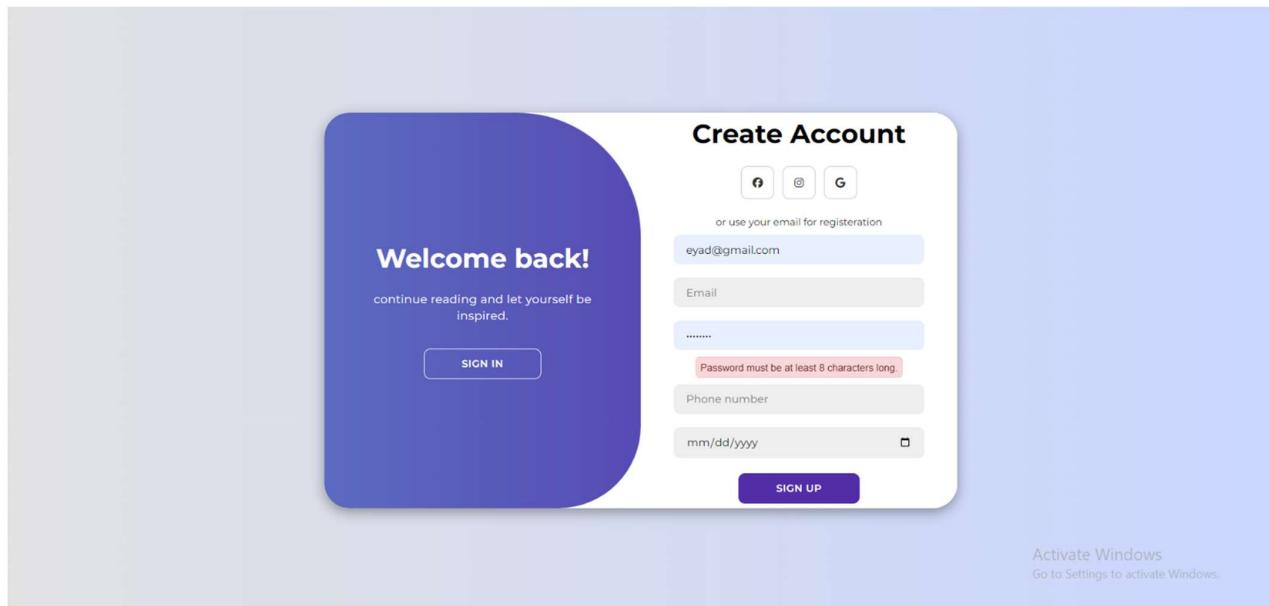


Figure 6.13

6.4.4 Phone validations:

6.4.4.1 Invalid phone number format

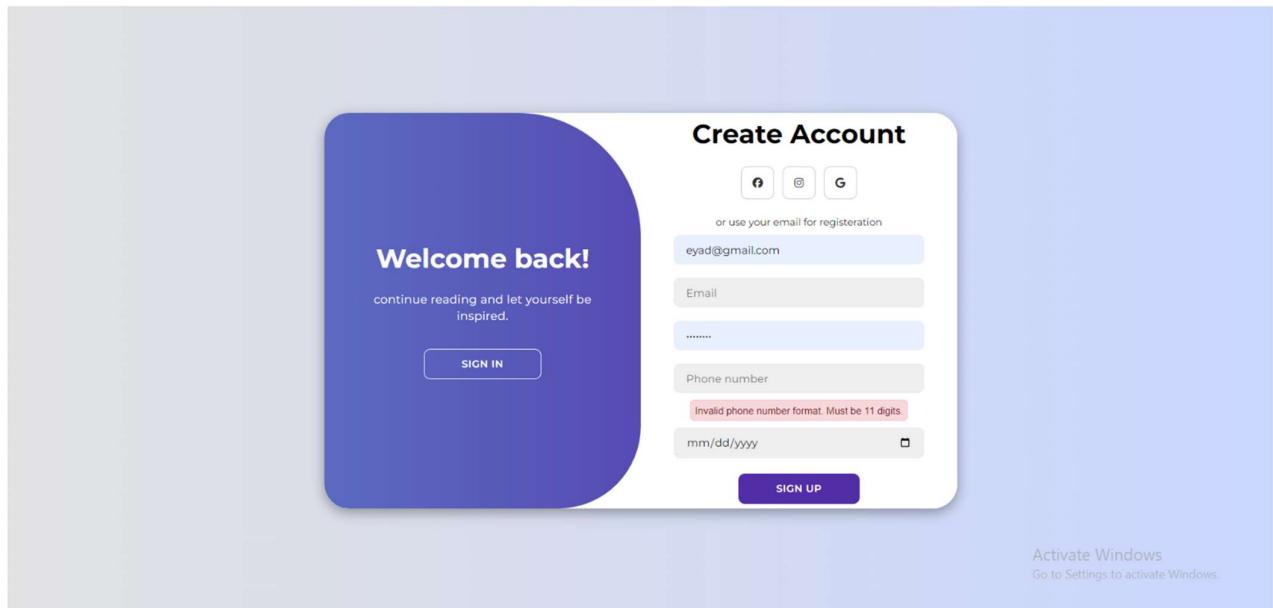


Figure 6.14

6.4.4.2 A phone number is required.

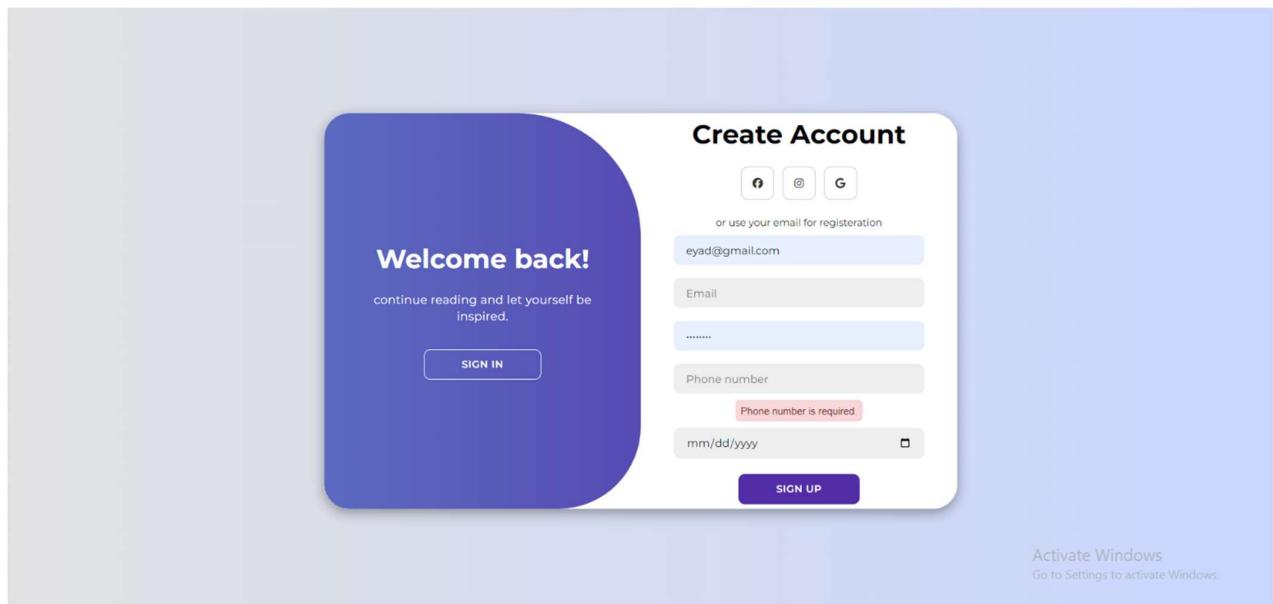


Figure 6.15

6.4.5 Birthdate validations:

6.4.5.1 A birthday is required.

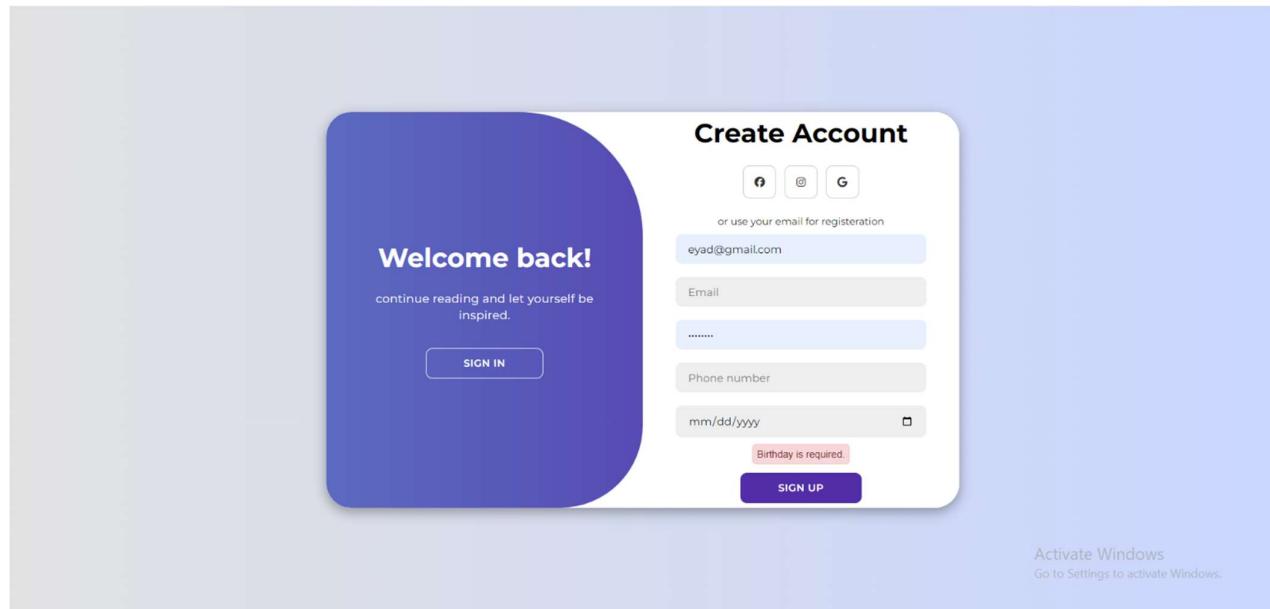


Figure 6.16

6.4.5 Registration successful: Look at a message

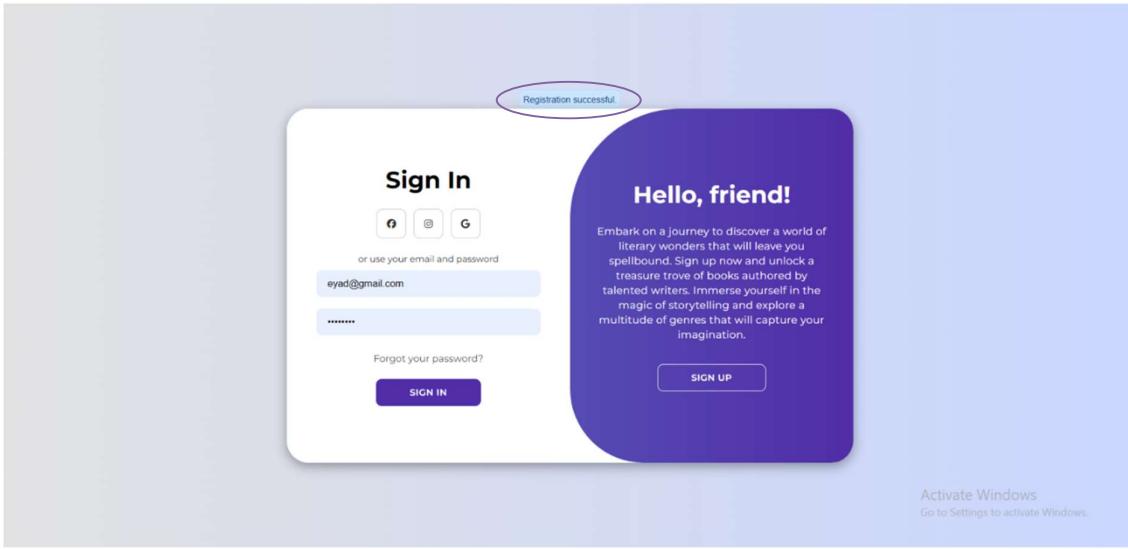


Figure 6.17

6.5 Main Function Validation:

6.5.1 Request Discount:

6.5.1.1 when a user submits the form without filling in his name.

The screenshot shows a web page titled "Request A Discount". On the left, there is a large blue banner with the text "We Have A Discount" and a small illustration of a hand holding a card with a percentage symbol. The main form area has several input fields: "Your Name" (with a red error message "Please enter your name"), "Your Email" (with a red error message "Invalid email format"), "Your Phone" (with a red error message "Phone number is required"), and a dropdown menu for "Country". Below the form is a "Send" button and a note about activating Windows. At the very top center, there is a "DISCOUNT" button.

Figure 6.19

6.5.1.2 When a user fills the email field with the wrong email format.

This screenshot is identical to Figure 6.19, but the "Your Email" field now contains an invalid email address ("invalid_email_format"). The validation message "Invalid email format" is displayed above the field. All other fields and the overall layout remain the same.

Figure 6.20

6.5.1.3 When a user submits the form without filling in his email address

The screenshot shows a blue header with a central button labeled "DISCOUNT". Below it is a large blue rectangular area containing the text "We Have A Discount" and a small illustration of a hand holding a smartphone with a percentage icon on its screen. To the right is a white "Request A Discount" form. The form fields are: "Your Name" (empty), "Your Email" (empty, with a red error message "Please enter a valid email address."), "Your Phone" (empty), and a dropdown menu set to "الله زمان". At the bottom right is a "Send" button.

Figure 6.21

6.5.1.4 When a user enters a different email than the email, he used to sign in.

The screenshot shows a blue header with a central button labeled "DISCOUNT". Below it is a large blue rectangular area containing the text "We Have A Discount" and a small illustration of a hand holding a smartphone with a percentage icon on its screen. To the right is a white "Request A Discount" form. The form fields are: "Your Name" (empty), "Your Email" (empty, with a red error message "User not found with the provided email."), "Your Phone" (empty), and a dropdown menu set to "الله زمان". At the bottom right is a "Send" button.

Figure 6.22

6.5.1.5 When a user submits the form without entering his phone number.

The screenshot shows a 'Request A Discount' form on a website. On the left, there's a blue sidebar with the text 'We Have A Discount' and a small illustration of a hand holding a card with a percentage symbol. The main form area has four input fields: 'Your Name', 'Your Email', 'Your Phone', and a dropdown menu. Below the dropdown is a red error message: 'Please enter your mobile' and 'لطفاً رقمك المحمول'. At the bottom right of the form is a blue 'Send' button. A note at the bottom right says 'Activate Windows Go to Settings to activate Windows.'

Figure 6.23

6.5.1.6 when a user submits a phone number that is more than 11 digits or less than 11 digits.

This screenshot is identical to Figure 6.23, showing the same discount request form. The 'Your Phone' field contains an invalid phone number, which has triggered an error message: 'invalid phone number. Must be 11 digits' and 'لطفاً رقمك المحمول'. The rest of the form and its validation state are also identical to Figure 6.23.

Figure 6.24

6.5.1.7 if a user submits without choosing a book from the drop-down menu.

The screenshot shows a 'Request A Discount' form on a blue-themed landing page. The form includes fields for 'Your Name', 'Your Email', 'Your Phone', and a dropdown menu for 'Select a Book'. A red error message 'Please choose the book.' is displayed next to the dropdown. At the bottom right, there's a note about activating Windows and a 'Send' button.

DISCOUNT

We Have A Discount

Are you looking for a great deal on our books? You're in the right place! We are offering special discounts on a selection of our best-selling titles as a form of financial aid for those who may not have enough money to buy our books. Just fill out the form to request your discount and enjoy savings on your next read. Don't miss out on this limited-time offer!

Request A Discount

Your Name

Your Email

Your Phone

Select a Book

Please choose the book.

Activate Windows
Go to Settings to activate Windows.

Send

Figure 6.25

6.5.1.8 when a user submits the form without entering his message.

The screenshot shows the same 'Request A Discount' form as Figure 6.25, but with a different error message. The message input field has a red border and the placeholder 'Please enter your message.' is visible. The rest of the form and background are identical to Figure 6.25.

DISCOUNT

We Have A Discount

Are you looking for a great deal on our books? You're in the right place! We are offering special discounts on a selection of our best-selling titles as a form of financial aid for those who may not have enough money to buy our books. Just fill out the form to request your discount and enjoy savings on your next read. Don't miss out on this limited-time offer!

Request A Discount

Your Name

Your Email

Your Phone

Select a Book

Please enter your message.

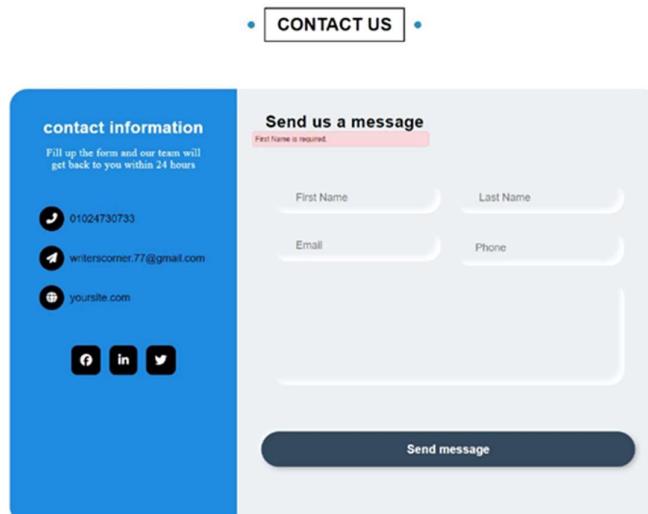
Activate Windows
Go to Settings to activate Windows.

Send

Figure 6.26

6.5.2 Contact us validations,

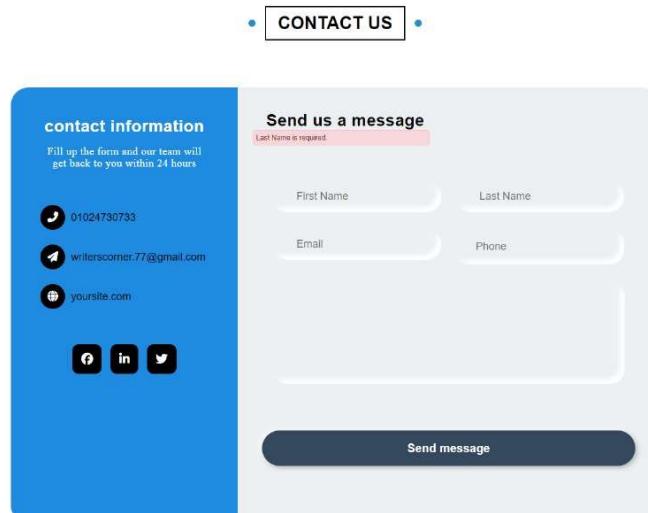
6.5.2.1 When the user forgets to fill in his first name.



A screenshot of a contact form interface. At the top center is a large blue button labeled "CONTACT US". Below it is a "Send us a message" section. A red error message "First Name is required." is displayed above the first name input field. The form includes fields for First Name, Last Name, Email, and Phone, along with a "Send message" button at the bottom. To the left of the main form is a sidebar titled "contact information" containing a phone number, email address, website URL, and social media links.

Figure 6.27

6.5.2.2 When the user forgets to fill in his last name:



A screenshot of a contact form interface, identical to Figure 6.27 but with a different validation error. A red error message "Last Name is required." is displayed above the last name input field. The rest of the form and sidebar are the same.

Figure 6.28

6.5.2.3 When the user forgets to fill in his E-mail:

• CONTACT US •

contact information

Fill up the form and our team will get back to you within 24 hours

01024730733
 writerscorner.77@gmail.com
 yoursite.com

Send us a message

Email is required

First Name Last Name
Email Phone

Send message

Figure 6.29

6.5.2.4 When the user fills his email with the wrong email format:

• CONTACT US •

contact information

Fill up the form and our team will get back to you within 24 hours

01024730733
 writerscorner.77@gmail.com
 yoursite.com

Send us a message

Invalid email format

First Name Last Name
Email Phone

Send message

Figure 6.30

6.5.2.5 When the user uses a different email than the email he used during the sign-in process:

• CONTACT US •

contact information

Fill up the form and our team will get back to you within 24 hours

01024730733
 writerscorner.77@gmail.com
 yoursite.com

Send us a message

User not found with the provided email.

First Name Last Name
Email Phone

Send message

Figure 6.31

6.5.2.6 When the user forgets to fill in his phone number:

• CONTACT US •

contact information

Fill up the form and our team will get back to you within 24 hours

01024730733
 writerscorner.77@gmail.com
 yoursite.com

Send us a message

Phone is required.

First Name Last Name
Email Phone

Send message

Figure 6.32

6.5.2.7 if the user filled the filled with a phone number of more than 11 digits or less than:

The screenshot shows a contact form interface. On the left, a blue sidebar contains 'contact information' and a note: 'Fill up the form and our team will get back to you within 24 hours.' It lists a phone number (01024730733), an email (writerscorner.77@gmail.com), and a website (yoursite.com), each with its respective icon. Below these are social media sharing icons for Facebook, LinkedIn, and Twitter. On the right, a white form panel has a title 'Send us a message'. It includes fields for 'First Name' and 'Last Name', and for 'Email' and 'Phone'. A large text area for the message is empty. At the bottom is a dark blue 'Send message' button. A red error message at the top of the form panel says 'Invalid phone number. Must be 11 digits.'

Figure 6.33

6.5.2.8 When the user submits the form but forgets to fill in his message:

This screenshot is identical to Figure 6.33, showing the same contact form layout. The blue sidebar on the left and the 'Send us a message' form on the right are the same. The only difference is the error message displayed: 'Message cannot be empty.' This indicates that the user has submitted the form without entering any text in the message field.

Figure 6.34

6.5.2.9 When the user successfully submits the Contact Us form:

The figure consists of two side-by-side screenshots. The left screenshot shows a blue sidebar titled 'contact information' with a message: 'Fill up the form and our team will get back to you within 24 hours'. It lists three contact points: a phone number (01024730733), an email address (writerscorner.77@gmail.com), and a website (yoursite.com). Below these are social media icons for Facebook, LinkedIn, and Twitter. The right screenshot shows a light gray form titled 'Send us a message' with a success message: 'Message sent successfully!'. It has fields for First Name and Last Name, Email and Phone, and a large text area for the message. A dark blue 'Send message' button is at the bottom.

Figure 6.35

6.5.2.10 When the user successfully adds the book to his cart:



Figure 6.36

6.5.2.11 When a user adds a book that is already in his cart:

جلسات نفسية

د. محمد إبراهيم

جلسات نفسية

حق تصل إلى السكينة النفسية

Add to cart →

This book is already in your cart.

Add to wishlist

Add to save page

لتعلم في جلسات كافية للتحادل مع كل شيء، من الدراسة العمل والمعتقدات ولكن لا يحسن التعامل مع أنسنة تترككم ممتلكات الفيس بورن أن تشعر ما بالشكلاة، وما الذي يوازنها، أصيغت أحكاماً قاسية على هذه الفيس بورن مسلكة عالمة، تذكر كل جواب حيثنا لا ندري إن المشكلة الحقيقة هي ممتلكات في التعامل العاطلي مع الفيس بورن لهذا إنكم لكي هذا الكتاب كغيره لك في الطريق كل ضليل من هذا الكتاب يعينك على التعامل مع الفيس ب forskal صحيح حتى تصل إلى السكينة النفسية والتفكير عن الله أولاً وأخيراً هو هالي الفيس وهو يذكرني صلاحها، فالآن أصبح تفوسنا وانتقاماً بما عملنا

basma@gmail.com

Send your feedback

Figure 6.37

6.5.2.12 When a user successfully adds a book to his Wishlist:



Figure 6.38

6.5.2.13 When a user adds a book to his Wishlist but it's already in his Wishlist:



Figure 6.39

6.5.2.14 When a user wants to add a book to his collection of saved books also this feature is useful for saving the books when it's free, after successfully adding the book, he gets this message:



Figure 6.40

6.5.2.15 When a user tries to add a book that is already added to his collection of saved books:



Figure 6.41

6.5.2.16 When a user successfully sends his feedback on the book:



Figure 6.42

6.5.2.17 If a user wants to delete an item from his cart he gets this message:

The screenshot shows a shopping cart page with a header "Book". Below it is a table with four items:

| Book | Price | Action |
|--|----------|--------|
| دُر أَلْيَا سِكْر وَفِيلَا By: شيرين هناتي | \$50.00 | Delete |
| جلسات نفسية By: محمد إبراهيم | \$50.00 | Delete |
| Learning Web Design By: Jennifer Niederst Robbins | \$300.00 | Delete |
| قصة منيتيش By: شارلز ديكنز | \$70.00 | Delete |

Total price: 470

Checkout Continue Shopping

A blue banner at the top says "Book deleted from cart successfully!".

Figure 6.43

6.5.2.18 When the user has no items in the cart:

The screenshot shows a shopping cart page with a header "Book". Below it is a table with one item:

| Book | Price | Action |
|----------------|-------|--------|
| Total price: 0 | | |

Your cart is empty.

Checkout Continue Shopping

About US
Here on our website, we offer a comprehensive platform that not only meets the users' need to read their favorite books but also provides support for writers to promote and share their work with a wider audience.
[Facebook](#) [Instagram](#)

Shop
[Home](#) [Cart](#) [Profile](#) [Contact Us](#)

Contact Us
[Call: 01024730733](#) [Email: writerscorner.77@gmail.com](#)

©Copyright 2024 writer'scorner. All rights reserved

Activate Windows
Go to Settings to activate Windows.

Figure 6.44

6.5.2.19 When the user adds his profile picture:

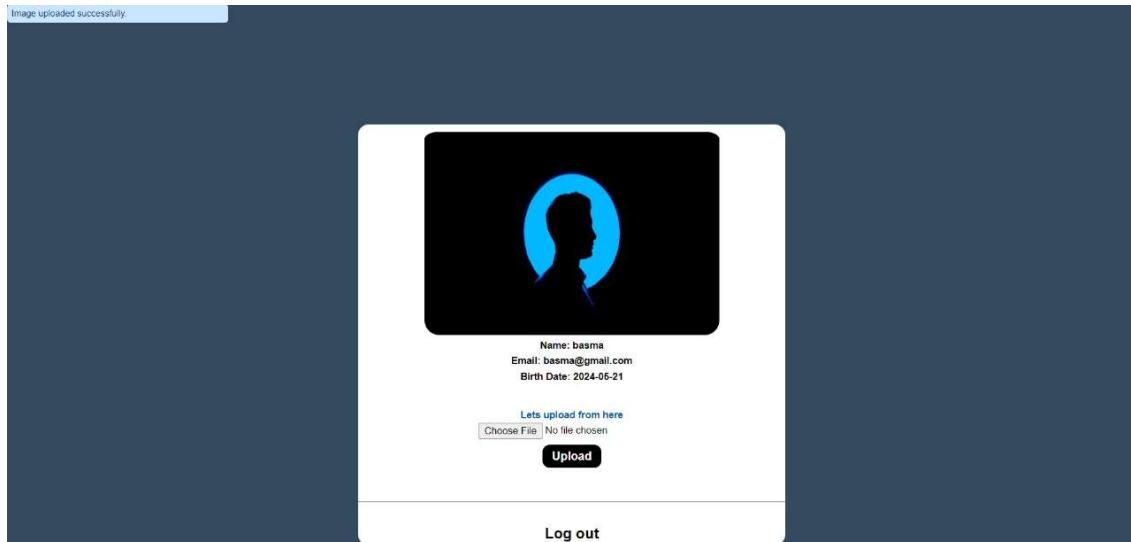


Figure 6.45

6.5.2.20 When the user clicks on the upload button without adding the picture:

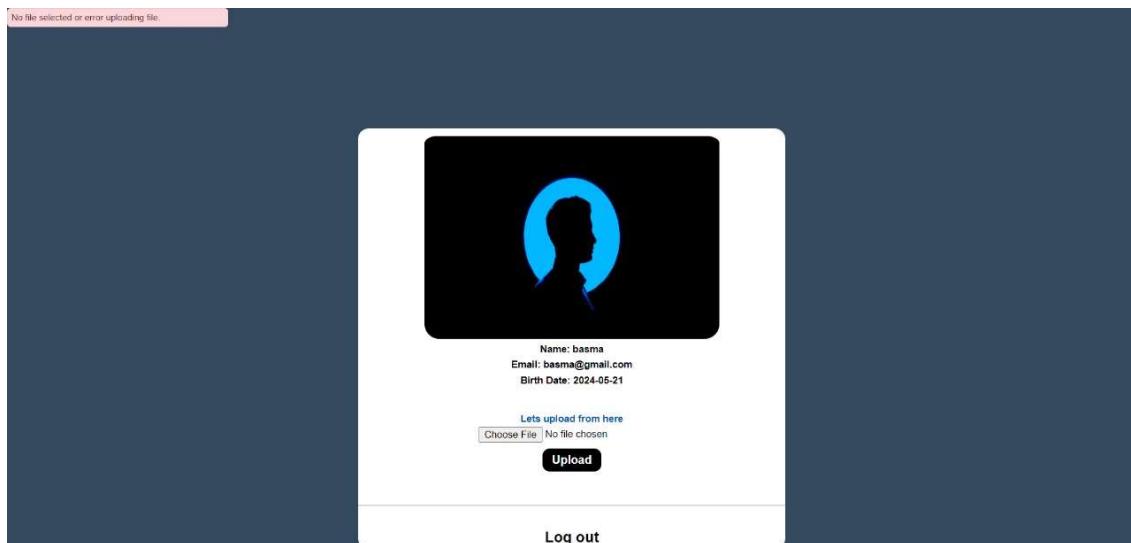


Figure 6.46

6.5.2.21 When the user uses the wrong picture format that isn't a PNG, JPEG, or GIF:

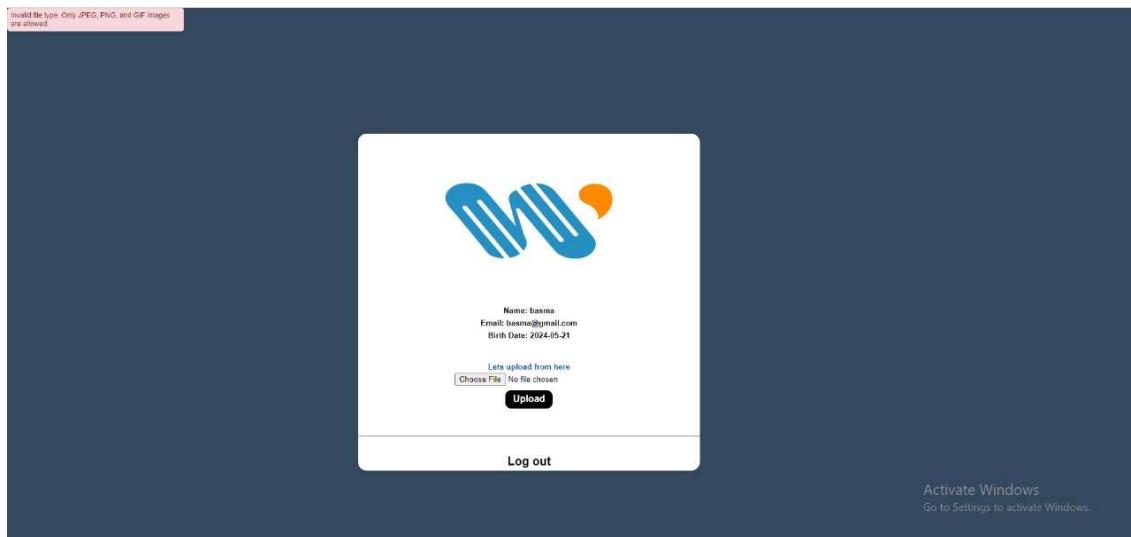


Figure 6.47

6.5.2.22 When the user clicks on the pay now button without filling in the required input fields:

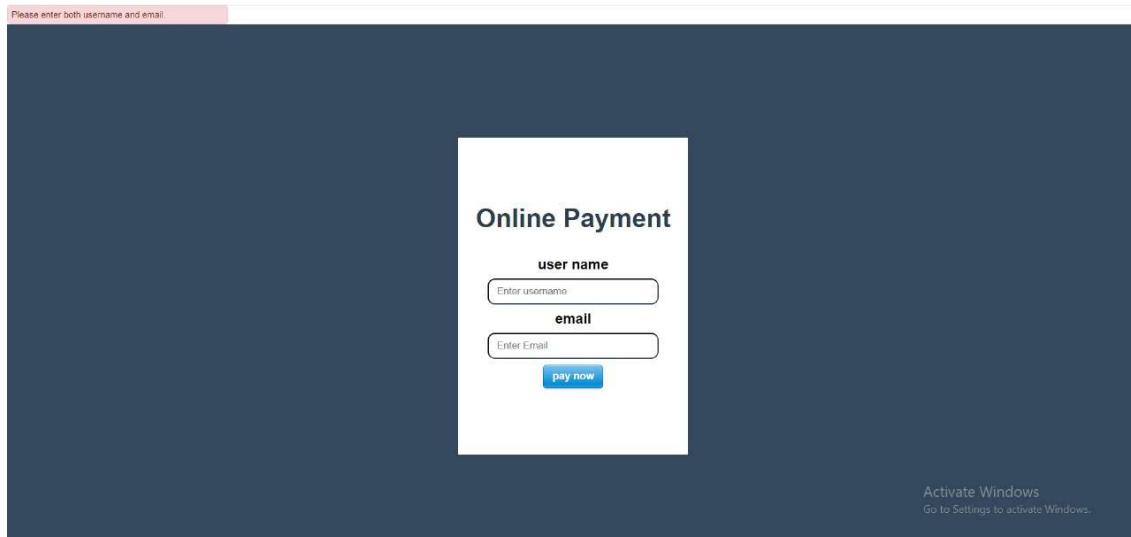


Figure 6.48

6.5.2.23 If the paid amount is equal to 0 or a negative number or the number that should be paid has been manipulated in any way:

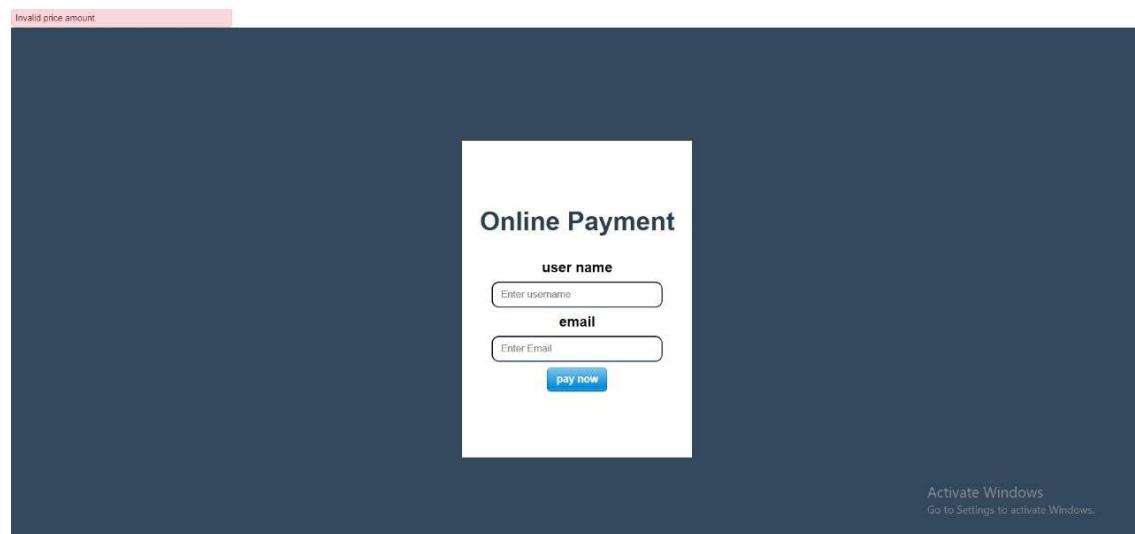


Figure 6.49

6.5.2.24 If the payment is completed successfully:

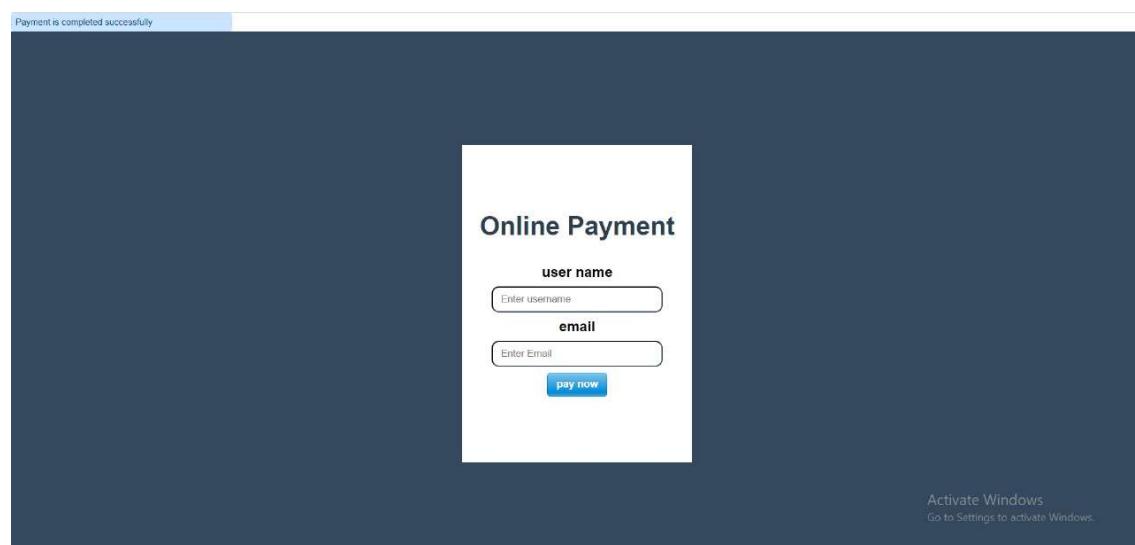


Figure 6.50

6.5.2.25 We try to encourage our website users to fill out their Wishlist, purchase books, and save books with the books they prefer so, these messages can work as a little reminder for our users:

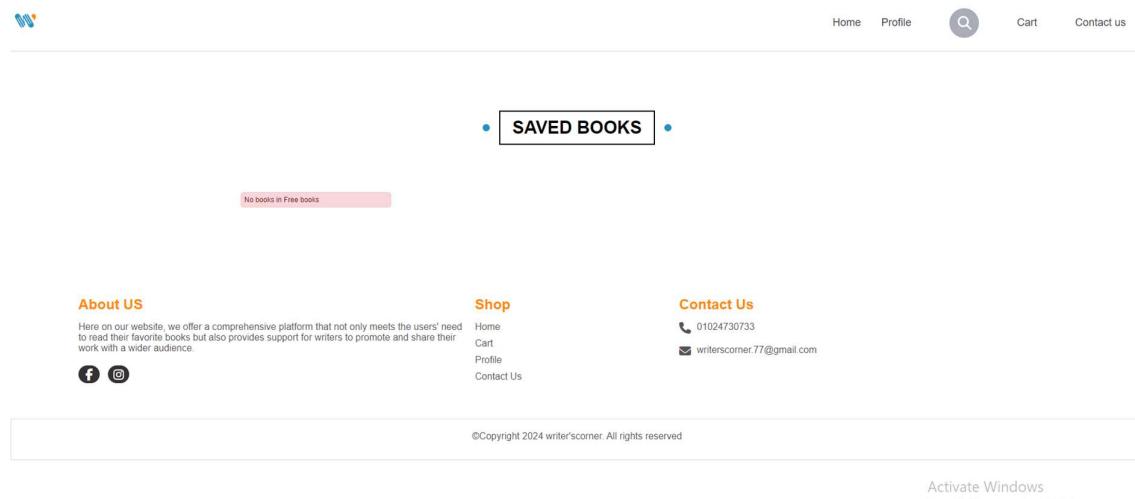


Figure 6.51

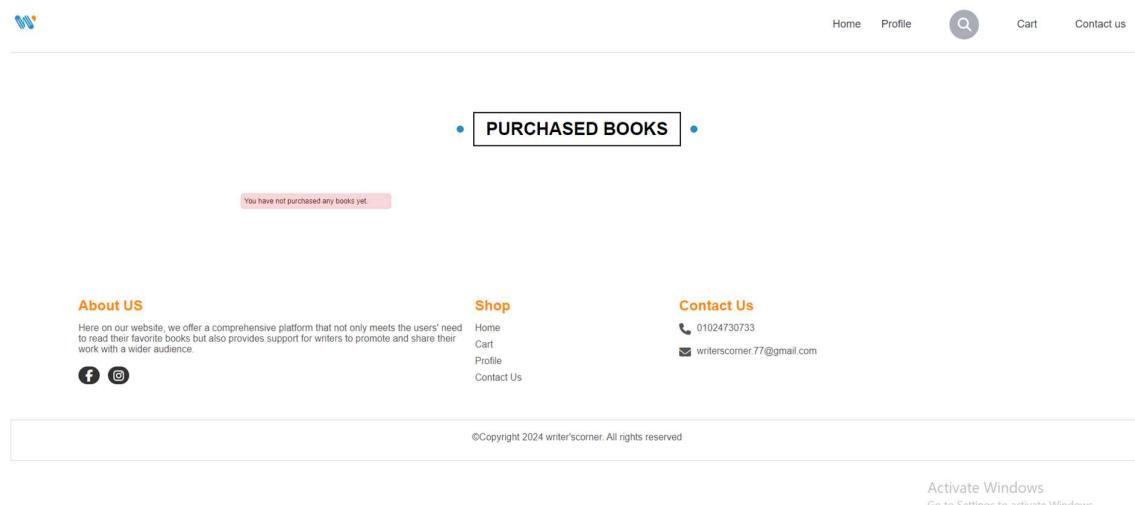
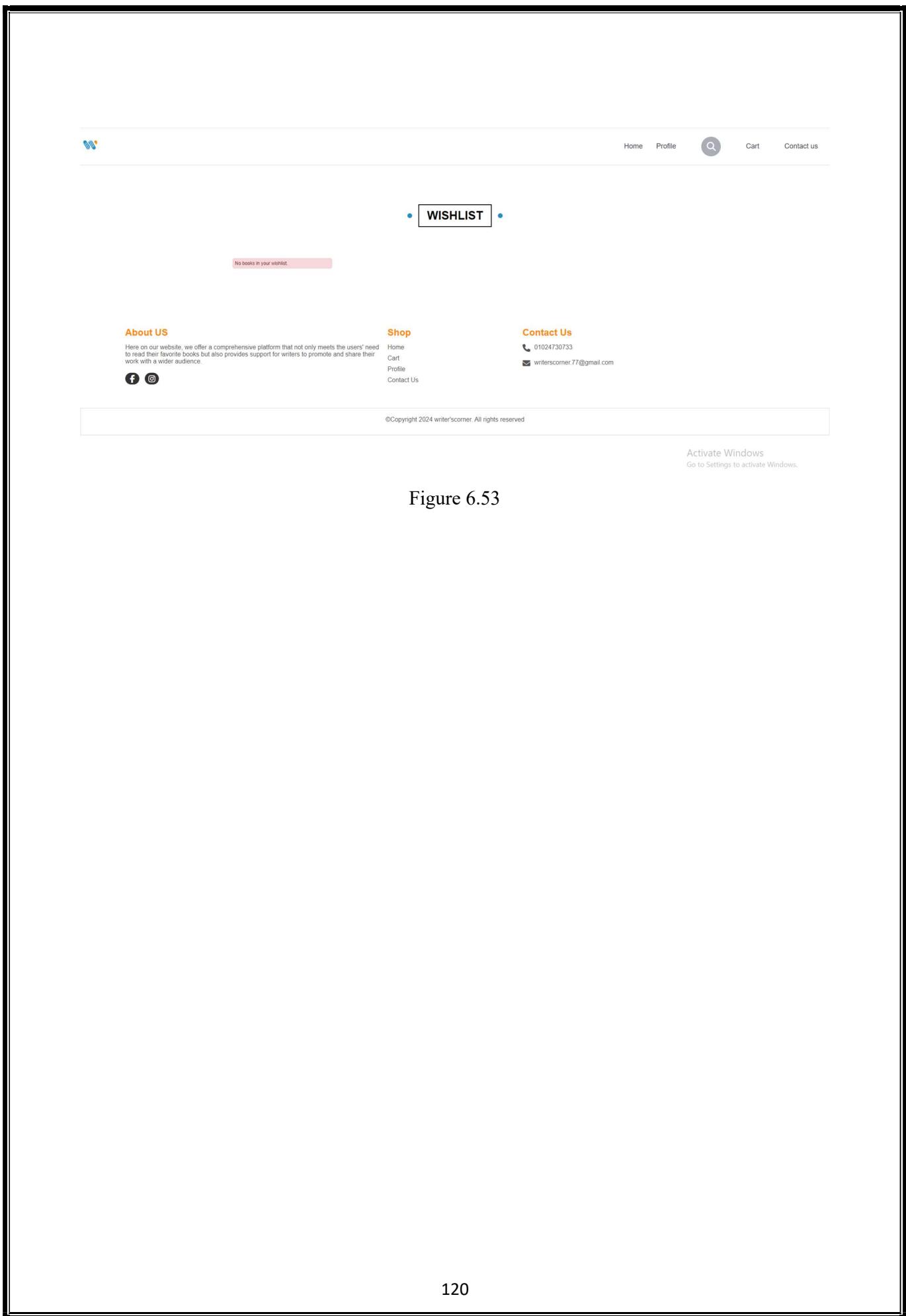


Figure 6.52



6.5.3 Writer's Validations:

6.5.3.1 When the writer clicks on the upload button without adding his picture:

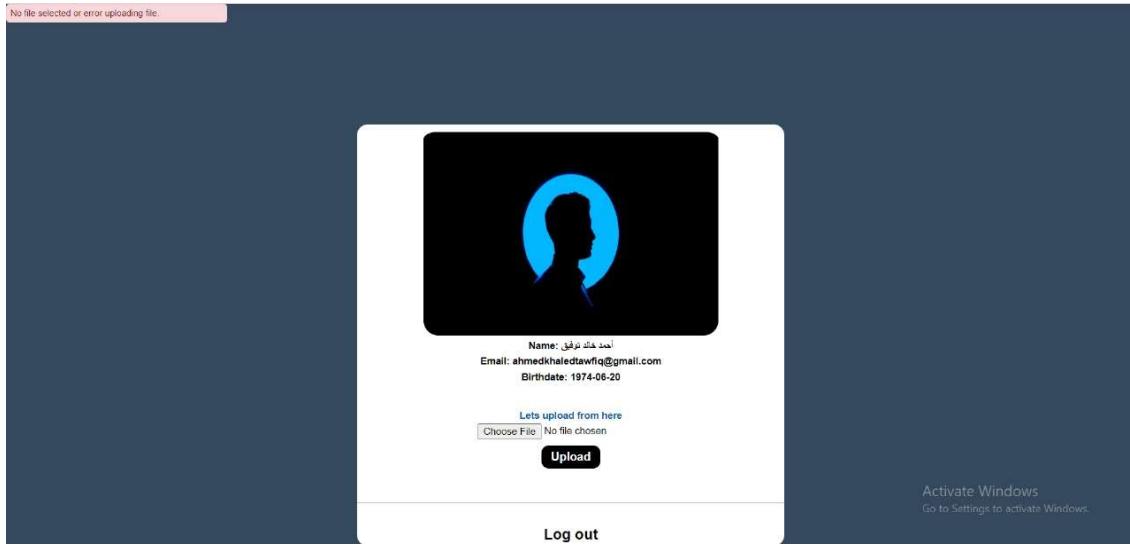


Figure 6.54

6.5.3.2 When the writer uses the wrong picture format that isn't a PNG, JPEG, or GIF:

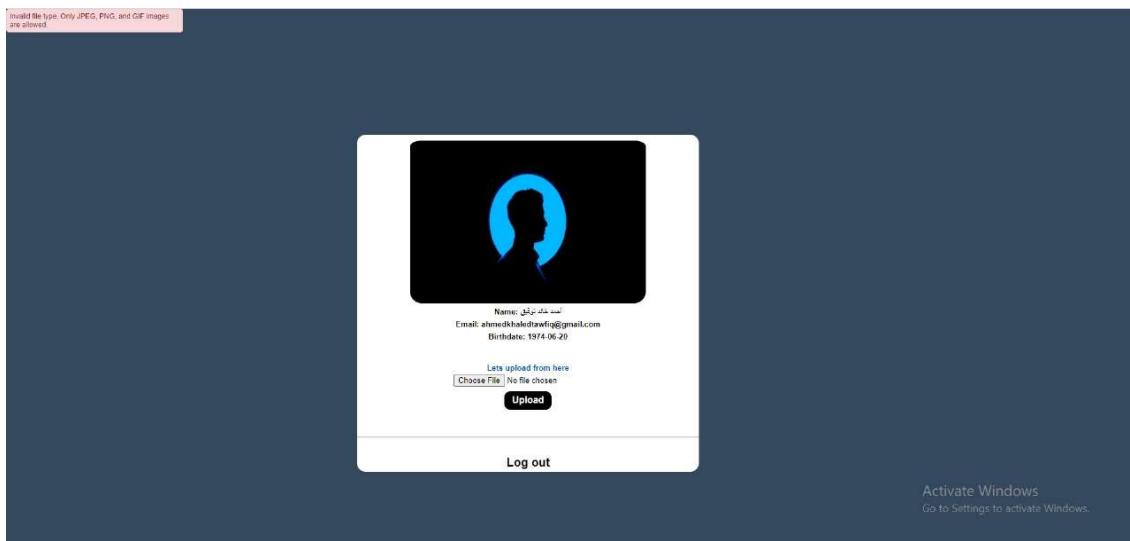


Figure 6.55

6.5.3.3 When the writer wants to upload a book, he must go through these input fields:

6.5.3.3.1 If the writer submits the form without filling in the title:

The screenshot shows a web-based form titled "Let's upload from here". The form includes fields for "Title", "Price", "Description", "Category", and "Author". Below these are sections for "Upload the book cover" and "Upload the PDF", each with a "Choose File" button. A large blue "Upload" button is at the bottom. An "Activate Windows" watermark is visible in the top right corner.

Title
Title is required

Price

Description

Category

أحمد حافظ

Upload the book cover
[Choose File] No file chosen

Upload the PDF
[Choose File] No file chosen

Upload

Activate Windows
Go to Settings to activate Windows.

Figure 6.56

6.5.3.3.2 The title can't exceed 255 characters:

This screenshot is similar to Figure 6.56 but includes a character limit error message for the title field. The "Title" field is highlighted in red with the error message "Title cannot exceed 255 characters". All other fields and sections are identical to Figure 6.56.

Title
Title cannot exceed 255 characters

Price

Description

Category

أحمد حافظ

Upload the book cover
[Choose File] No file chosen

Upload the PDF
[Choose File] No file chosen

Upload

Activate Windows
Go to Settings to activate Windows.

Figure 6.57

6.5.3.3.3 If the writer submits the form without filling the price:

The screenshot shows a form titled "Let's upload from here". It includes fields for Title, Price, Description, Category, and two file upload sections for book cover and PDF. The "Price" field is highlighted in red with the error message "Price is required". The "Upload the book cover" and "Upload the PDF" sections both show "No file chosen". A large blue "Upload" button is at the bottom.

Figure 6.58

6.5.3.3.4 The price must be an integer number and not an alphabetical character or a special character:

The screenshot shows a form titled "Let's upload from here". It includes fields for Title, Price, Description, Category, and two file upload sections for book cover and PDF. The "Price" field is highlighted in red with the error message "Price must be a valid number". The "Upload the book cover" and "Upload the PDF" sections both show "No file chosen". A large blue "Upload" button is at the bottom.

Figure 6.59

6.5.3.3.5 The price must be a positive number or zero in the case of free books:

The screenshot shows a web-based form for uploading a book. At the top, there is a placeholder text "Let's upload from here". Below it are input fields for "Title" and "Price". The "Price" field contains the value "أحمد حماد ترجمة" and has a red error bar above it with the message "Price cannot be negative". There are also fields for "Description" and "Category", both of which are currently empty. Below these are two sections for file uploads: "Upload the book cover" and "Upload the PDF", each with a "Choose File" button and a message "No file chosen". At the bottom is a dark blue "Upload" button.

Figure 6.60

6.5.3.3.6 The writer must describe the book:

This screenshot shows the same book upload form as Figure 6.60, but with a different validation error. The "Description" field is empty and has a red error bar with the message "Description is required". All other fields and sections (Title, Price, Category, book cover, PDF) appear to be valid.

Figure 6.61

6.5.3.3.7 If the writer submits the form without filling in the book category:

The screenshot shows a web form titled "Let's upload from here". The form fields include "Title", "Price", "Description", "Category", "Upload the book cover", and "Upload the PDF". The "Category" field is highlighted with a red border and contains the Arabic text "أحد هذه التصنيفات". Below the "Category" field, a red rectangular box displays the error message "Category is required". The "Upload" button is located at the bottom left, and an "Activate Windows" watermark is visible at the bottom right.

Figure 6.62

6.5.3.3.8 The writer must choose the category of his book from our website's given categories:

This screenshot is identical to Figure 6.62, showing the same web form and validation error for the "Category" field. The "Category" field is highlighted with a red border and contains the Arabic text "أحد هذه التصنيفات". A red rectangular box displays the error message "Category is required". The "Upload" button is located at the bottom left, and an "Activate Windows" watermark is visible at the bottom right.

Figure 6.63

6.5.3.3.9 In case of an Invalid file extension of the book cover:

The screenshot shows a web form titled "Let's upload from here". It includes fields for "Title", "Price", "Description", and "Category". Below these is a section for "Upload the book cover" with a "Choose File" button and a message indicating "No file chosen". A red error message below the button states: "Invalid file type. Only JPEG, PNG, and GIF images are allowed." There is also a "Upload the PDF" section with its own "Choose File" button and a message indicating "No file chosen". At the bottom is a large blue "Upload" button.

Figure 6.64

6.5.3.3.10 The uploaded book file must be a PDF only:

The screenshot shows a web form titled "Let's upload from here". It includes fields for "Title", "Price", "Description", and "Category". Below these is a section for "Upload the book cover" with a "Choose File" button and a message indicating "No file chosen". A red error message below the button states: "Invalid file type. Only PDF files are allowed." There is also a "Upload the PDF" section with its own "Choose File" button and a message indicating "No file chosen". At the bottom is a large blue "Upload" button.

Figure 6.65

6.5.3.3.11 When the writer successfully uploads his book:

The screenshot shows a web-based form for uploading a book. At the top, a blue bar displays the message "Book uploaded successfully!". Below this, the heading "Let's upload from here" is centered. The form contains several input fields: "Title" (empty), "Price" (empty), "Description" (empty), "Category" (empty), and a text area containing "eyad eyad". There are two file upload sections: "Upload the book cover" with a "Choose File" button and the message "No file chosen", and "Upload the PDF" with a "Choose File" button and the message "No file chosen". A large blue "Upload" button is located at the bottom of the form. In the bottom right corner of the page, there is a watermark-like text: "Activate Windows Go to Settings to activate Windows.."

Figure 6.66

6.5.4 Admin validations

6.5.4.1 When the admin wants to delete a writer, but the writer has books:

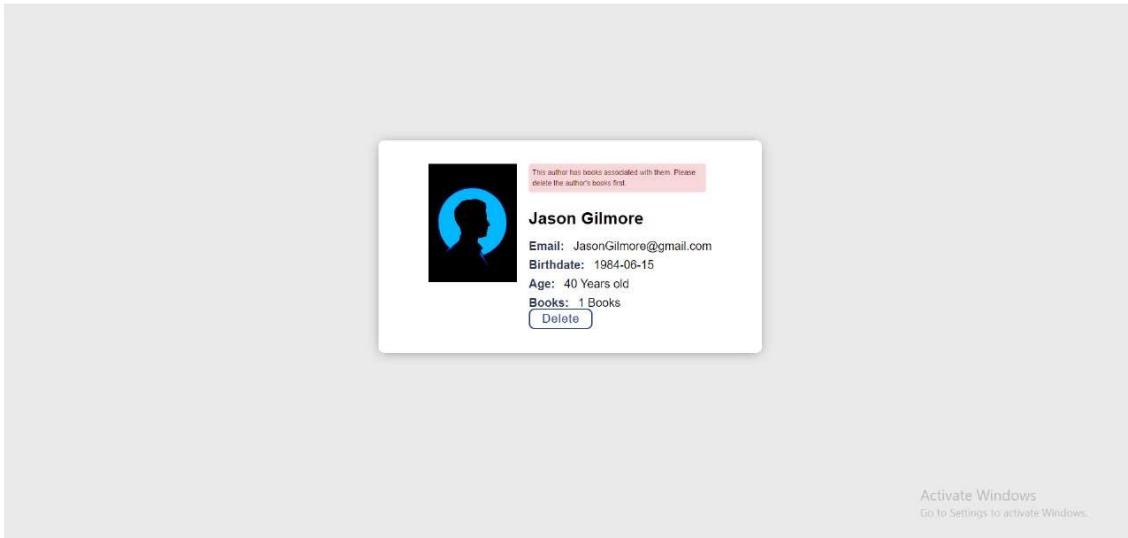


Figure 6.67

6.5.4.2 When the admin deletes the writer successfully:

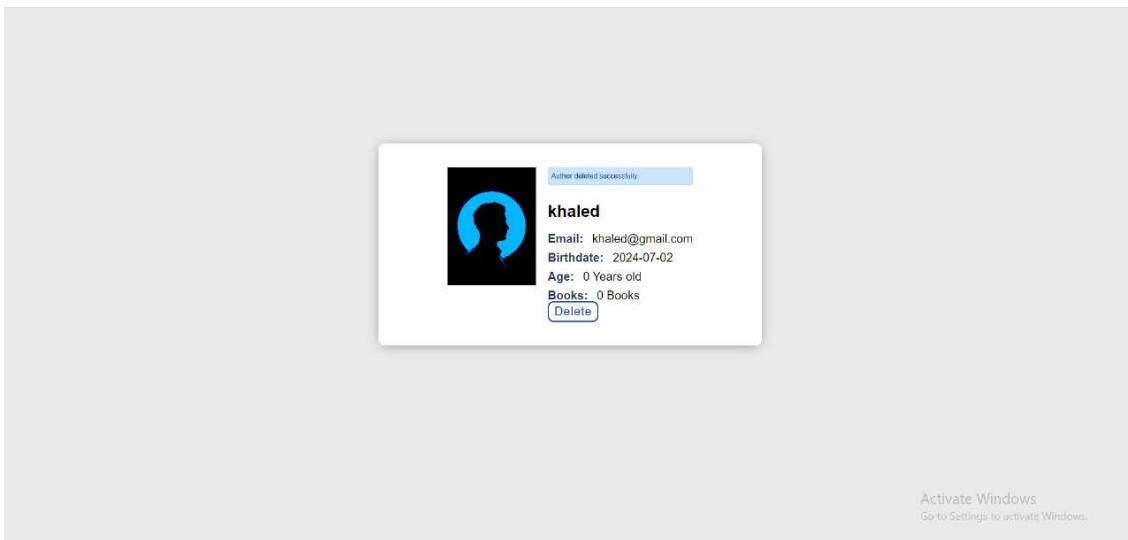


Figure 6.68

6.5.4.3 The admin can't delete a book that a user already has in his purchased books, Wishlist, saved books, cart, feedback:

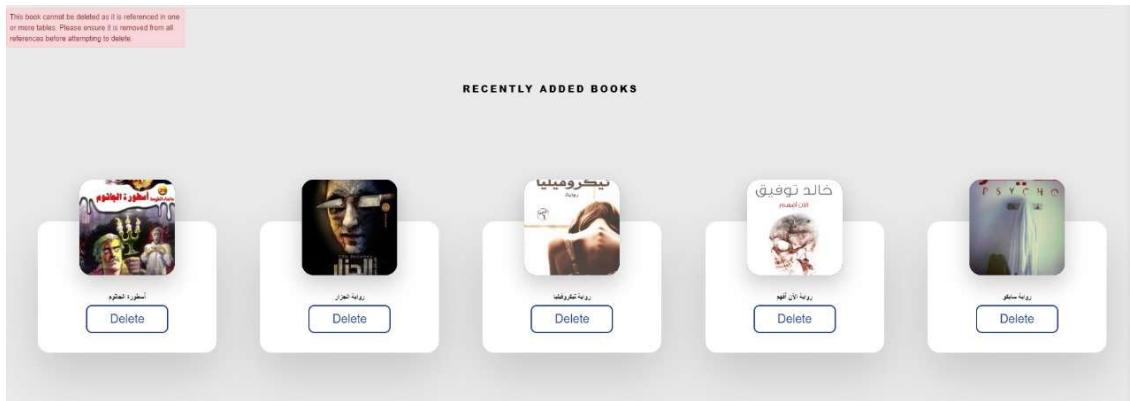


Figure 6.69

6.5.4.4 When the admin deletes the book successfully:

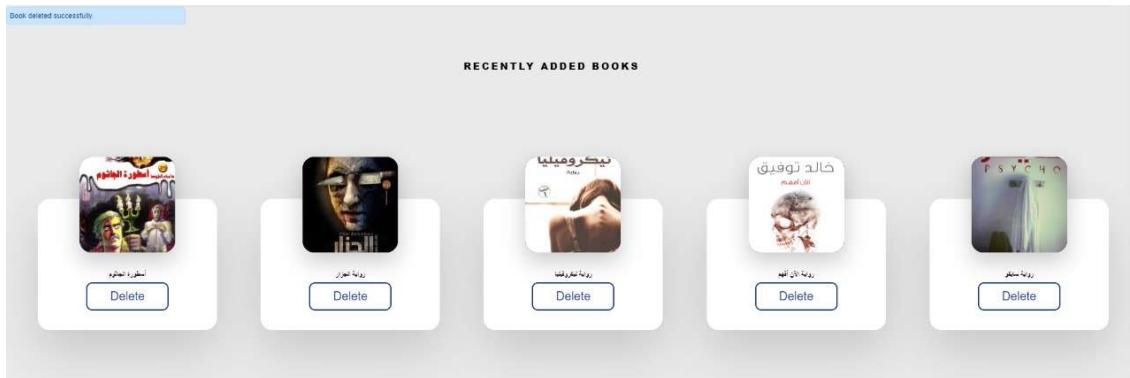


Figure 6.70

6.5.4.5 When the admin decides to approve a book:

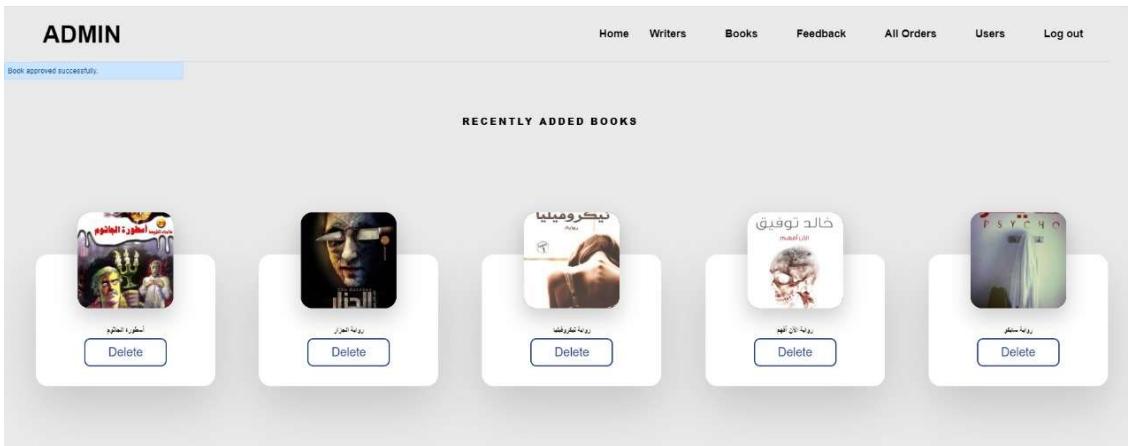


Figure 6.71

6.5.4.6 When the admin decides to reject a book:

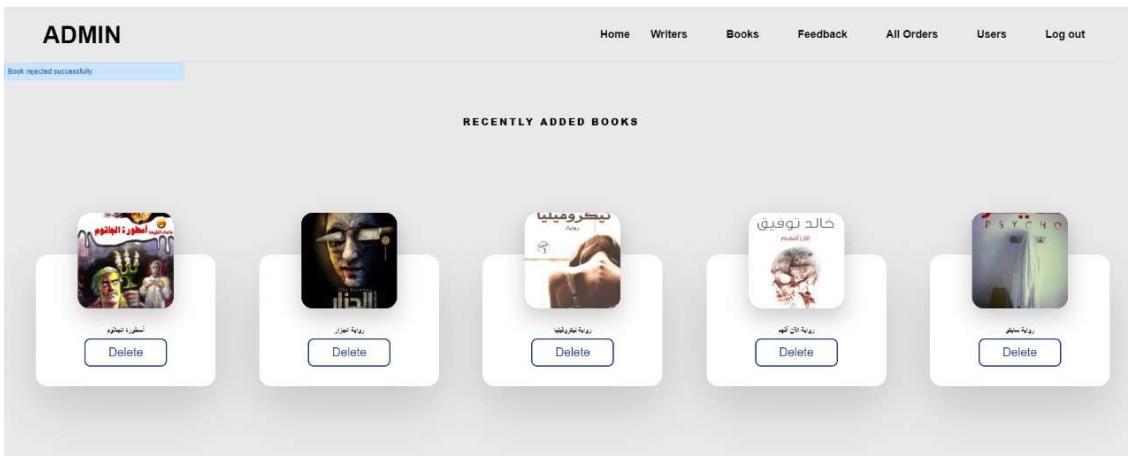


Figure 6.72

6.5.4.7 If the admin decides to delete any feedback on a certain book:

| Feedbacks | | | | | |
|-----------|-----------------|--------------------------------------|-----------|---------|--|
| Username | Email | Book | Message | Options | |
| basma | basma@gmail.com | JavaScript For Impatient Programmers | thank you | Delete | |
| eyad | eyad@gmail.com | الخطب و المساجد | thank you | Delete | |
| eyad | eyad@gmail.com | الخطب و المساجد | thank you | Delete | |
| basma | basma@gmail.com | Learning Web Design | thank you | Delete | |
| basma | basma@gmail.com | Learning Web Design | good | Delete | |
| basma | basma@gmail.com | الخطب و المساجد | GG | Delete | |
| eyad | eyad@gmail.com | js | Ihx | Delete | |

Figure 6.73

Chapter Seven:

CONCLUSION AND FUTURE WORK

7.1 Aim of the chapter:

In this chapter, we will explain our conclusion and future work and some of the features of our project that we didn't mention before.

7.2 Conclusion

- **Summary of key arguments and/or results:** Our platform enhances access and reach for authors and readers, creating a user-friendly environment that bridges the gap between them.
- **Implications of the research:** By lowering barriers to entry for authors and offering a broader selection of books to readers, our platform fosters a more inclusive and diverse literary community.
- **Reflection on the research process:** We utilized market analysis, user testing, and iterative development, emphasizing adaptability and user feedback to refine our platform.
- **New knowledge contributed to the field:** Our innovative publishing solutions, user behavior insights, and advanced digital rights management contribute to the future of digital publishing.

7.3 Future Work:

- We would enhance Community Engagement.
- We would work on Security and Privacy.
- We would also try to integrate with Other Platforms as a partnership.
- Arabic version of the website.
- Dark mode option.
- Develop a mobile application version of the website.

- Podcast on Instagram Page.
- Partnership with Valu.
- Booth in Cairo book fair.
- More offers and discounts.
- Expanding globally.
- Open our library.
- Dealing with a better shipping company.
- Improving our packaging.

References:

Books:

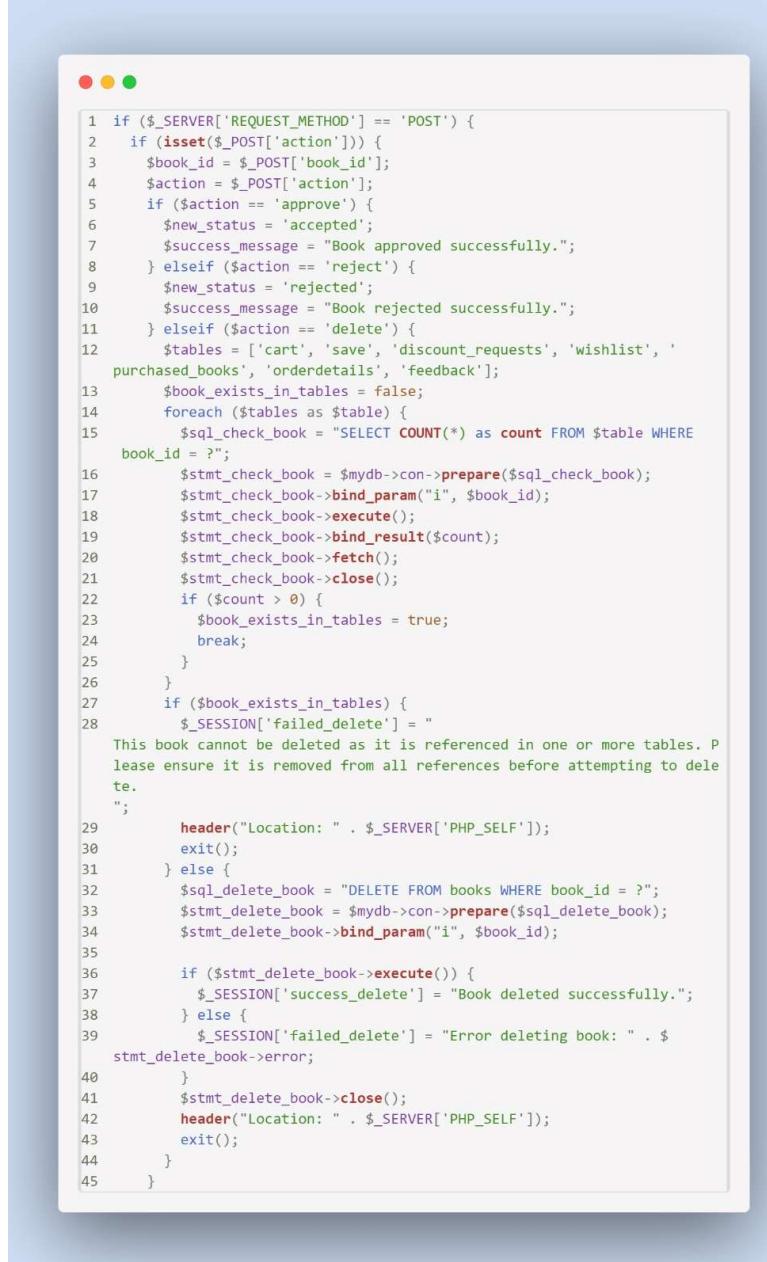
- DR. Ahmed Abdel Wahab, “Project Management”, 2024.
- Dr. Yehia Helmy and Dr. Mohamed Abdel Salam, “Database management systems II”, 2024.
- Dr. Shaimaa Owuf, “E-commerce”, 2024.
- Dr. Rasha El Naggar, “Fundamentals of marketing”, 2024.

Links:

- <https://www.lucidchart.com/>
- <https://stackoverflow.com/>
- <https://www.youtube.com/>
- <https://www.w3schools.com/>
- <https://publisher.aseeralkotb.com/>
- <https://alrewaqpublishing.com/>
- <https://www.indeed.com/career-advice/career-development/4-ps-marketing>
- <https://www.indeed.com/hire/c/info/marketing-mix>
- <https://www.indeed.com/career-advice/career-development/swot-analysis-guide>
- <https://www.indeed.com/career-advice/career-development/how-to-do-a-swot-analysis>

Appendix:

One of the main admin functions is pending, which allows the admin to approve or reject any pending book.



```
1 if ($_SERVER['REQUEST_METHOD'] == 'POST') {
2     if (isset($_POST['action'])) {
3         $book_id = $_POST['book_id'];
4         $action = $_POST['action'];
5         if ($action == 'approve') {
6             $new_status = 'accepted';
7             $success_message = "Book approved successfully.";
8         } elseif ($action == 'reject') {
9             $new_status = 'rejected';
10            $success_message = "Book rejected successfully.";
11        } elseif ($action == 'delete') {
12            $tables = ['cart', 'save', 'discount_requests', 'wishlist', 'purchased_books', 'orderdetails', 'feedback'];
13            $book_exists_in_tables = false;
14            foreach ($tables as $table) {
15                $sql_check_book = "SELECT COUNT(*) as count FROM $table WHERE book_id = ?";
16                $stmt_check_book = $mydb->con->prepare($sql_check_book);
17                $stmt_check_book->bind_param("i", $book_id);
18                $stmt_check_book->execute();
19                $stmt_check_book->bind_result($count);
20                $stmt_check_book->fetch();
21                $stmt_check_book->close();
22                if ($count > 0) {
23                    $book_exists_in_tables = true;
24                    break;
25                }
26            }
27            if ($book_exists_in_tables) {
28                $_SESSION['failed_delete'] =
This book cannot be deleted as it is referenced in one or more tables. Please ensure it is removed from all references before attempting to delete.
";
29                header("Location: " . $_SERVER['PHP_SELF']);
30                exit();
31            } else {
32                $sql_delete_book = "DELETE FROM books WHERE book_id = ?";
33                $stmt_delete_book = $mydb->con->prepare($sql_delete_book);
34                $stmt_delete_book->bind_param("i", $book_id);
35
36                if ($stmt_delete_book->execute()) {
37                    $_SESSION['success_delete'] = "Book deleted successfully.";
38                } else {
39                    $_SESSION['failed_delete'] = "Error deleting book: " . $stmt_delete_book->error;
40                }
41                $stmt_delete_book->close();
42                header("Location: " . $_SERVER['PHP_SELF']);
43                exit();
44            }
45        }
```

```
1   <div class="filter">
2     <ul class="fltr">
3       <li> <a href="#">Pending Books</a></li>
4     </ul>
5   </div>
6   <div class="card-containershop">
7     <?php while ($row = $result_select_pending_books->fetch_assoc()): ?>
8       <div class="cardShop">
9         <div class="imgbx">
10           ">
12         </div>
13         <div class="content">
14           <div class="details">
15             <div class="name">
16               <h2><?php echo $row['title']; ?></h2>
17             </div>
18             <div class="button2" style="display:flex;">
19               <form method="post" action="<?php echo $_SERVER['PHP_SELF'
20                 ]; ?>">
21                 <div class="firstbutton">
22                   <input type="hidden" name="book_id" value="<?php echo
23                     $row['book_id']; ?>">
24                   <input type="hidden" name="action" value="approve">
25                   <input type="submit" value="Approve" class="submit-btn"
26                     ">
27                 </div>
28               </form>
29               <form method="post" action="<?php echo $_SERVER['PHP_SELF'
30                 ]; ?>">
31                 <div class="secondbutton">
32                   <input type="hidden" name="book_id" value="<?php echo
33                     $row['book_id']; ?>">
34                   <input type="hidden" name="action" value="reject">
35                   <input type="submit" value="Reject" class="submit-btn"
36                     ">
37               </div>
38             </form>
39           </div>
40         </div>
41       </div>
42     </?php endwhile; ?>
43   </div>
```