

**A**

**Project Report**

**On**

**Bid Bazaar**

**Submitted by**

**JADHAV ANIKET DATTATRAY**

**Roll No.23322**

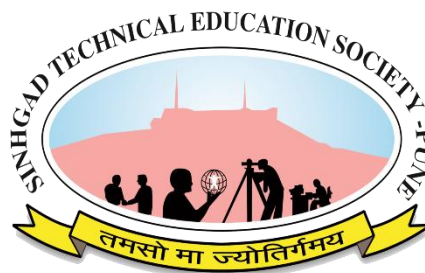
**MCA-I**

**SEM-II**

**Under Guidance of**

**Prof. Meenakshi Jadhav**

**For the Academic Year 2023-24**



**Sinhgad Institutes**

*Sinhgad Technical Education Society's*

**Sinhgad Institute of Management**

**Vadgaon Bk Pune 411041**

**(Affiliated to SPPU Pune & Approved by AICTE New Delhi)**

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B.A., MPM, Ph.D  
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**Dr. Chandrani Singh**  
MCA, ME, (Com. Sci.), Ph.D  
DIRECTOR - MCA

Date:

## **CERTIFICATE**

This is to certify that Mr. Aniket Dattatray Jadhav has successfully completed his/ her project work entitled “**Bid Bazaar**” in partial fulfillment of MCA – I SEM –II Mini Project for the year 2023-2024. He has worked under our guidance and direction.

**Prof. Meenakshi Jadhav**  
Project Guide

**Dr. Chandrani Singh**  
Director, SIOM-MCA

Examiner 1

Examiner 2

Date:

Place: Pune

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## **DECLARATION**

I certify that the work contained in this report is original and has been done by me under the guidance of my guide.

- The work has not been submitted to any other Institute for any degree or diploma.
- I have followed the guidelines provided by the Institute in preparing the report.
- I have conformed to the norms and guidelines given in the Ethical Code of Conduct of the Institute.
- Whenever I have used materials (data, theoretical analysis, figures, and text) from other sources, I have given due credit to them by citing them in the text of the report and giving their details in the references.

Name and Signature of Project Team Members:

Sr. No.	Seat No.	Name of students	Signature of students
1		Jadhav Aniket Dattatray	

## **ACKNOWLEDGEMENT**

It is a very difficult task to acknowledge all those who have been of tremendous help in this project. I would like to thank my respected guide **Prof. Meenakshi Jadhav** for providing me with the necessary facilities to complete my project and for their guidance and encouragement in completing my project successfully without which it wouldn't be possible. I wish to convey my special thanks and immeasurable feelings of gratitude towards **Dr. Chandrani Singh, Director, SIOM-MCA**. I wish to convey my special thanks to all teaching and non-teaching staff members of **Sinhgad Institute of Management, Pune** for their support.

Thank You

Yours Sincerely,

Aniket Dattatray Jadhav.

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# CHAPTER 1

## INTRODUCTION

### 1.1 ABSTRACT –

Bid Bazaar is a cutting-edge online auction platform designed to modernize the traditional auction process by introducing an accessible, user-friendly, and secure online environment. This platform enables users to engage in real-time competitive bidding for a wide variety of products. Developed using the Django framework for the backend and HTML, JavaScript, and TailwindCSS for the frontend, Bid Bazaar promises a responsive and visually appealing interface. The default SQLite database from Django is employed for data management, supporting essential features such as user authentication, product listing, product management, real-time bidding, and user feedback.

In contrast to existing auction platforms, Bid Bazaar addresses common challenges such as user engagement, security vulnerabilities, and real-time responsiveness, offering a streamlined user experience with enhanced functionality. It fosters a transparent and dynamic bidding environment that not only encourages more frequent participation but also boosts the integrity and trustworthiness of online auctions. The platform is specifically designed to cater to the needs of both casual and serious auction participants, from individual buyers and sellers to commercial entities looking to liquidate assets or procure goods in a competitive, auction-based marketplace.

### 1.2 EXISTING SYSTEM OVERVIEW–

The current landscape of online auction platforms varies significantly in terms of user interface design, functionality, and overall user experience. Several major players dominate the market, but many platforms still struggle with a range of issues that can affect user satisfaction and operational efficiency. Below are some common characteristics and challenges associated with existing systems:

#### **Challenges Faced by Existing Systems -**

1. **User Engagement:** Due to poor user interface design and limited functionalities, existing platforms often struggle to maintain high levels of user engagement and activity.
2. **Adaptability:** Many platforms are slow to adapt to new technologies or market trends, which can result in outdated services that fail to meet the evolving needs of users.
3. **Customer Support:** Inadequate customer support mechanisms can exacerbate issues, leaving users dissatisfied and likely to seek alternatives.
4. **Market Needs:** Existing platforms may not cater adequately to niche markets or specific types of auctions, such as those for rare collectibles or high-value items, leaving a segment of the market underserved.

#### **Need For Bid Bazaar**

Despite the plethora of online auction platforms available today, there remains a significant gap in specialized services tailored specifically for collectors of niche items such as collectibles, coins, currencies, figurines, and trading cards. Bid Bazaar emerges as a solution tailored to meet the unique needs of this market segment, offering a dedicated, user-centric platform that addresses several key deficiencies in existing systems.

## Specialized Focus on Collectors

Collectors often require a platform that not only facilitates the buying and selling of items but also provides a community and resources to support their passion. Existing generalist auction sites typically do not cater adequately to the specifics of the collector's market, such as the need for detailed provenance, the assurance of authenticity, and a deep understanding of item rarity and value.

## Categories Tailored for Collectors

Bid Bazaar introduces specific categories tailored to collectors:

- **Collectibles:** Special provisions for rare and unique items with historical or cultural significance.
- **Coins & Currencies:** Dedicated listings that cater to numismatists with features for showcasing the historical and material details of coins and paper money.
- **Figurines:** A focus on various types of figurines, ensuring that details regarding material, era, and manufacturer are highlighted.
- **Trading Cards:** Catering to enthusiasts of sports, fantasy, and gaming cards with tools to list, trade, and discuss conditions and editions.
- **Comic Books:** Bid Bazaar's commitment to cater specifically to collectors extends to the vibrant and ever-expanding world of comic book enthusiasts. Comic books, with their rich history and varying levels of rarity and condition

## 1.3 SCOPE OF SYSTEM –

The scope of Bid Bazaar encompasses several key aspects, focusing on offering a comprehensive and user-friendly online auction platform specifically tailored for collectors. It aims to facilitate seamless interactions between buyers and sellers while providing a rich set of features that enhance the online auction process. Below are the detailed components that define the scope of Bid Bazaar:

### Target Audience -

- **Collectors of Various Niches:** Primarily targeting collectors interested in collectibles, coins & currencies, figurines, trading cards, and comic books.
- **Casual and Serious Collectors:** Catering to both casual enthusiasts and serious collectors who are looking for a reliable platform to acquire rare items.
- **Dealers and Private Sellers:** Supporting small to medium-sized dealers who specialize in niche markets as well as private individuals looking to sell their collections.

### Key Functionalities -

1. **User Authentication:**
  - Secure sign-up and login processes.
  - Profile management for maintaining user information, preferences, and auction history.
2. **Product Listing:**
  - Easy-to-use listing tools that allow sellers to create detailed and attractive product listings.
  - Support for high-quality images and detailed descriptions to accurately represent items.

### 3. **Product Management:**

- Dashboard for sellers to manage their listings, track bids, and view sale history.
- Notification systems to alert sellers about bidding activity and listing status.

### 4. **Real-time Bidding:**

- A dynamic real-time bidding system that updates instantly to reflect the latest bids.
- Features to allow users to place bids, view ongoing auctions, and receive notifications about bidding outcomes.

### 5. **User Feedback:**

- Systems to allow buyers to leave feedback and sellers to respond, fostering a trustworthy community.
- Features for users to rate transactions and comment on product quality and seller integrity.

## **1.4 OPERATING ENVIRONMENT HARDWARE & SOFTWARE –**

### **1.4.1 SERVER-SIDE REQUIREMENTS -**

#### **Hardware Requirements -**

Processor: Dual-core or higher

RAM: 4GB or higher

HDD: 50GB or more for data storage

#### **Software Requirements: -**

Operating System: Windows Server

Database: SQLite

Front End: HTML, CSS, JavaScript, Tailwind CSS

Server-Side Script: Django (Python)

Software Development Tool: Visual Studio Code

### **1.4.2 CLIENT-SIDE REQUIREMENTS-**

#### **Hardware Requirements**

Processor: Dual-core or higher

RAM: 4GB or higher

HDD: 50GB or more for data storage

#### **Software Requirements: -**

Operating System: Windows, macOS, Linux, Android, IOS

Any Web Browser with JavaScript V8 Engine.



## 1.5 BRIEF DESCRIPTION OF TECHNOLOGIES USED

The Bid Bazaar platform is developed using a combination of modern and robust technologies, each chosen to enhance the functionality, user experience, and security of the system. Below is a detailed breakdown of the key technologies used in the construction of Bid Bazaar:

### Backend - Django Framework -

- **Django:** A high-level Python web framework that encourages rapid development and clean, pragmatic design. Chosen for its robustness, scalability, and ease of use, Django facilitates the development of secure, maintainable web applications. Django's built-in features handle many of the common Web development tasks such as user authentication, content administration, and site maps, allowing developers to focus on writing the app instead of reinventing the wheel.
- **SQLite:** As Django's default database, SQLite is used for development and testing due to its simplicity and ease of configuration. It provides a lightweight disk-based database that doesn't require a separate server process, making it ideal for smaller websites and projects with lower concurrency requirements.

### Frontend - HTML, JavaScript, and Tailwind CSS -

- **HTML:** The standard markup language used to create web pages. HTML forms the building blocks of all sites and is essential for structuring content on the web.
- **JavaScript:** An essential technology, enabling interactive web pages and thus enhancing the user experience. JavaScript is used to manage client-side behaviour of web elements and handle real-time updates which are crucial for functionalities like real-time bidding.
- **Tailwind CSS:** A utility-first CSS framework packed with classes like flex, pt-4, text-center, and rotate-90 that can be composed to build any design directly in your markup. Tailwind CSS is used for its high customizability and efficiency in building responsive, mobile-first designs.

## **CHAPTER 2**

### **PROPOSED SYSTEM**

#### **2.1 FEASIBILITY STUDY –**

A feasibility study is conducted to evaluate the viability of Bid Bazaar as a solo development project, considering technical, economic, and operational factors:

##### **1. Technical Feasibility:**

Utilizing Django for backend development and HTML, JavaScript, and Tailwind CSS for frontend ensures technical feasibility. These technologies are well-documented and widely used, making them accessible for a solo developer. Real-time bidding functionality can be implemented using libraries or frameworks available in Django, enhancing technical feasibility.

##### **2. Economic Feasibility:**

Since Bid Bazaar is developed independently, economic feasibility primarily involves the availability of resources such as development tools and hosting services. Open-source tools and free hosting options can be utilized to minimize costs. Revenue generation is not a primary concern for the project, so economic feasibility is easily attainable within the constraints of the project.

##### **3. Operational Feasibility:**

Operational feasibility focuses on the ease of development and maintenance by a single developer. Django's rapid development capabilities and the availability of comprehensive documentation facilitate efficient development. Regular backups and version control using Git ensure operational feasibility in managing the project's codebase.

#### **2.2 OBJECTIVES OF THE PROPOSED SYSTEM –**

The objectives of Bid Bazaar, developed as a solo project, are directly aligned with the project's goals and intended outcomes. These objectives serve as the foundation for the development process and outline the specific achievements and deliverables expected from the system:

##### **1. Functional Online Auction Platform:**

- Develop a fully functional online auction platform, Bid Bazaar, capable of facilitating the buying and selling of collectible items within niche markets such as collectibles, coins, figurines, trading cards, and comic books.

##### **2. User-Friendly Interface:**

- Design an intuitive and user-friendly interface that enables easy navigation, seamless interaction, and efficient access to key features such as product listing, bidding, and user feedback.

### 3. **Real-Time Bidding Experience:**

- Implement real-time bidding functionality to provide users with an engaging and dynamic auction experience, allowing them to monitor auction activity, place bids, and receive instant updates on bid status.

### 4. **Transparent User Feedback System:**

- Establish a transparent user feedback system that allows buyers and sellers to provide ratings, reviews, and comments on transactions, fostering trust and accountability within the Bid Bazaar community.

### 5. **Documentation and Presentation:**

- Create comprehensive documentation detailing the system architecture, design decisions, implementation guidelines, and user manuals to support future development and maintenance efforts.
- Prepare a clear and compelling presentation to effectively communicate Bid Bazaar's features, functionalities, and value proposition to stakeholders, including project evaluators and potential users.

## 2.3 USERS OF THE SYSTEM

Bid Bazaar is designed to serve a diverse range of users, each with distinct roles and responsibilities within the online auction platform. Understanding the needs and requirements of these users is essential for delivering a tailored and satisfactory experience. The primary users of Bid Bazaar include:

#### 1. **Sellers:**

- **Description:** Individuals or businesses who list items for auction on Bid Bazaar.
- **Responsibilities:**
  - Create detailed listings for their items, including descriptions, images, starting bids, and auction durations.
  - Manage their active listings, monitor bidding activity, and respond to inquiries from potential buyers.
- **Interactions:** Sellers interact with the platform primarily to list, manage, and sell their items.

#### 2. **Bidders:**

- **Description:** Users who participate in auctions by placing bids on listed items.
- **Responsibilities:**
  - Monitor active auctions to identify items of interest.
  - Place bids on items they wish to purchase and participate in bidding wars.
  - Receive real-time updates on bid status and auction progress.

- **Interactions:** Bidders engage with the platform to view listings, place bids, and monitor auction activity.

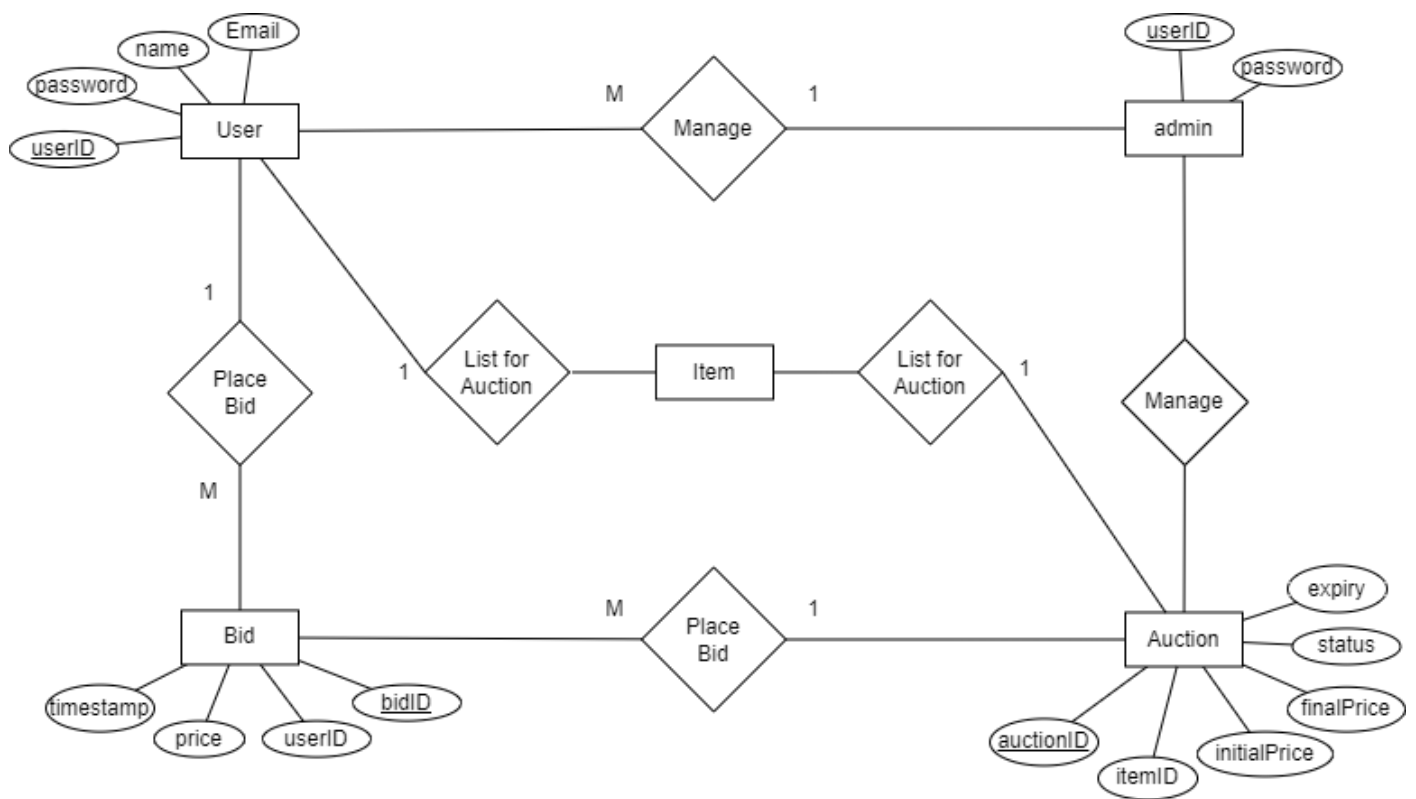
### 3. **Administrators:**

- **Description:** Individuals responsible for managing and overseeing the operation of Bid Bazaar.
- **Responsibilities:**
  - Monitor user activity and resolve disputes or issues that may arise during auctions or transactions.
  - Manage user accounts, permissions, and system configurations.
  - Ensure the security and integrity of the platform by implementing necessary security measures and protocols.
- **Interactions:** Administrators have access to administrative tools and interfaces to manage the platform effectively.

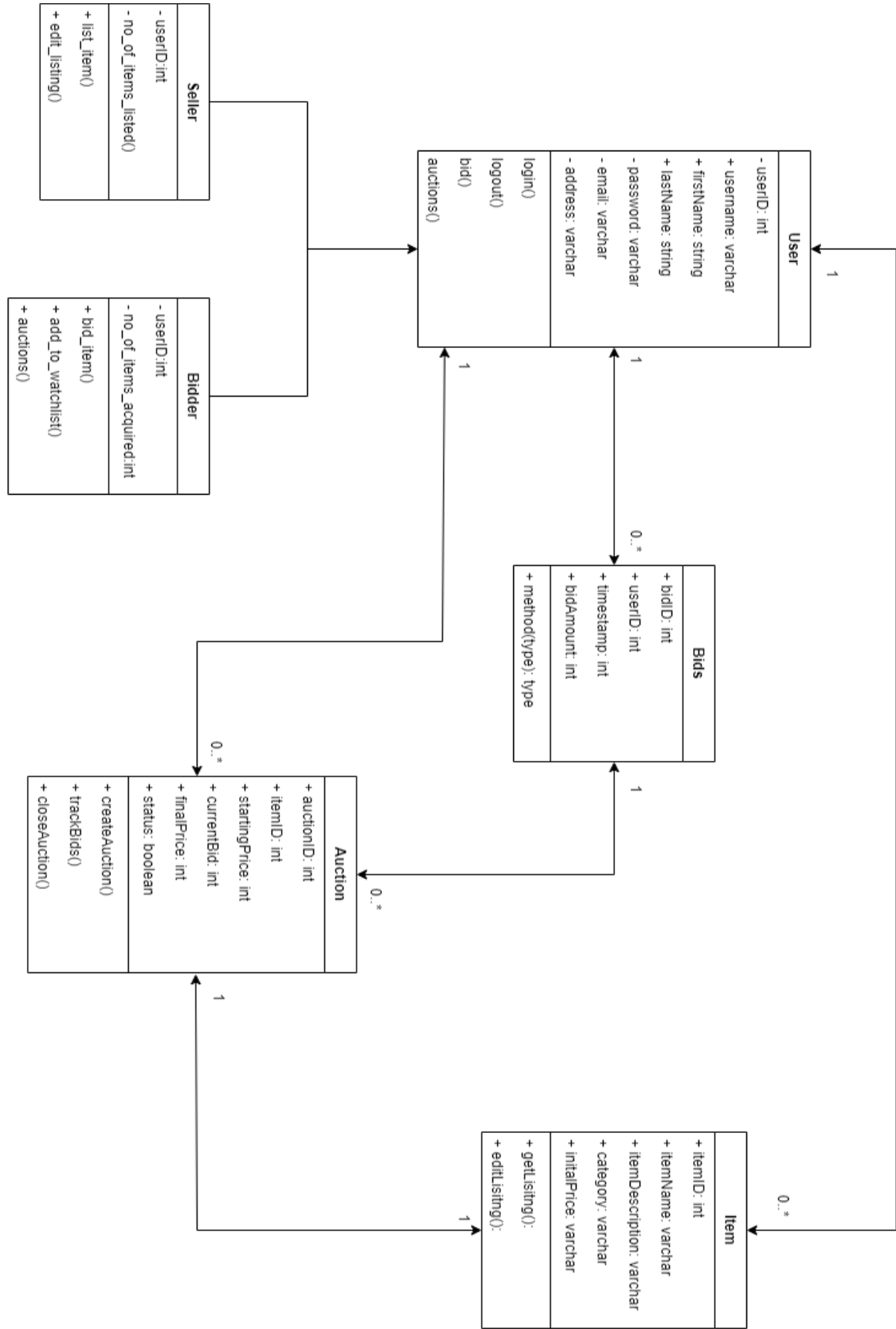
## CHAPTER 3

### SYSTEM ANALYSIS & SYSTEM DESIGN

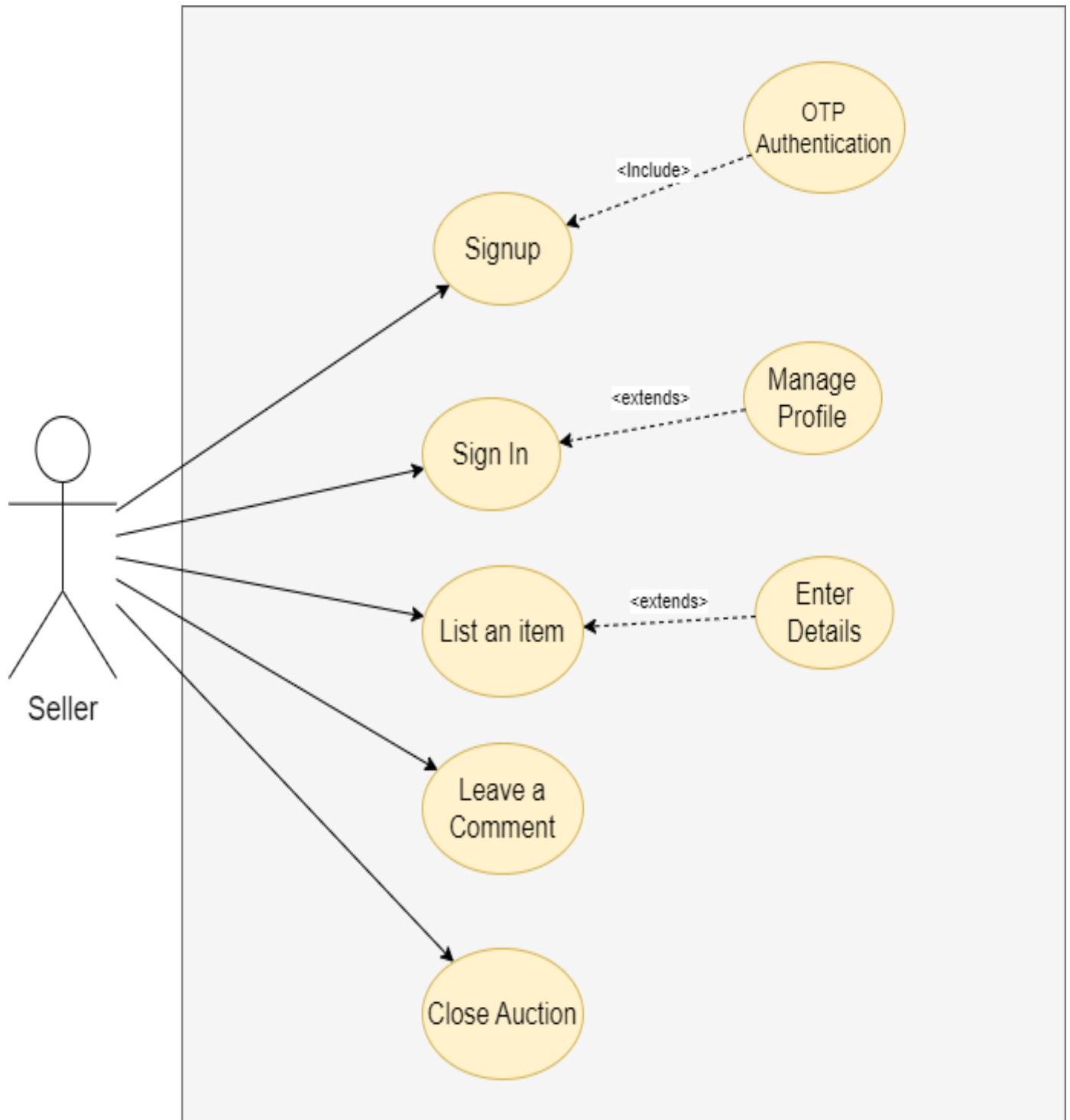
#### 3.1 ENTITY RELATIONSHIP DIAGRAM –



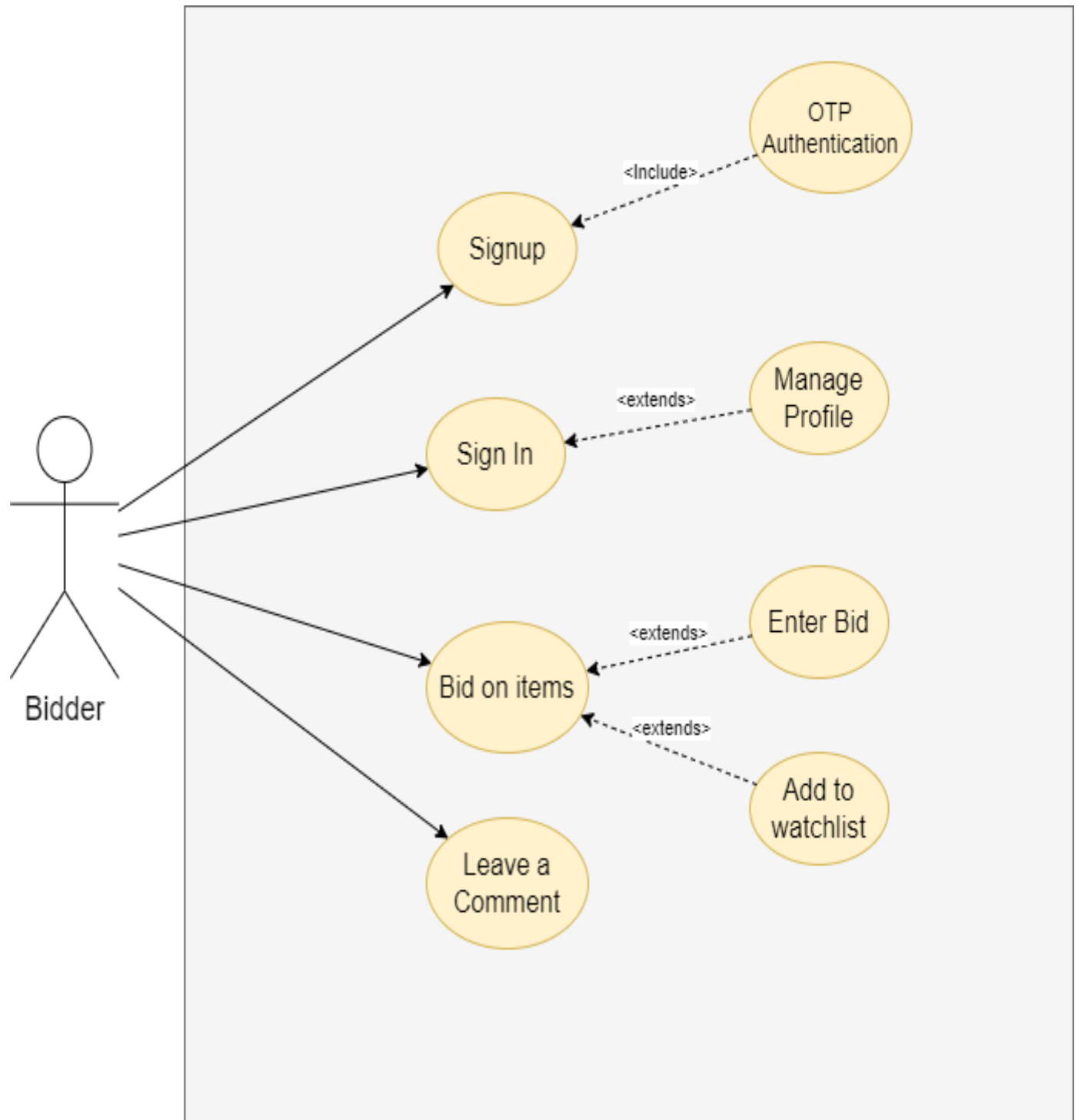
3.2 CLASS DIAGRAM –



### 3.3.1 USE CASE – SELLER

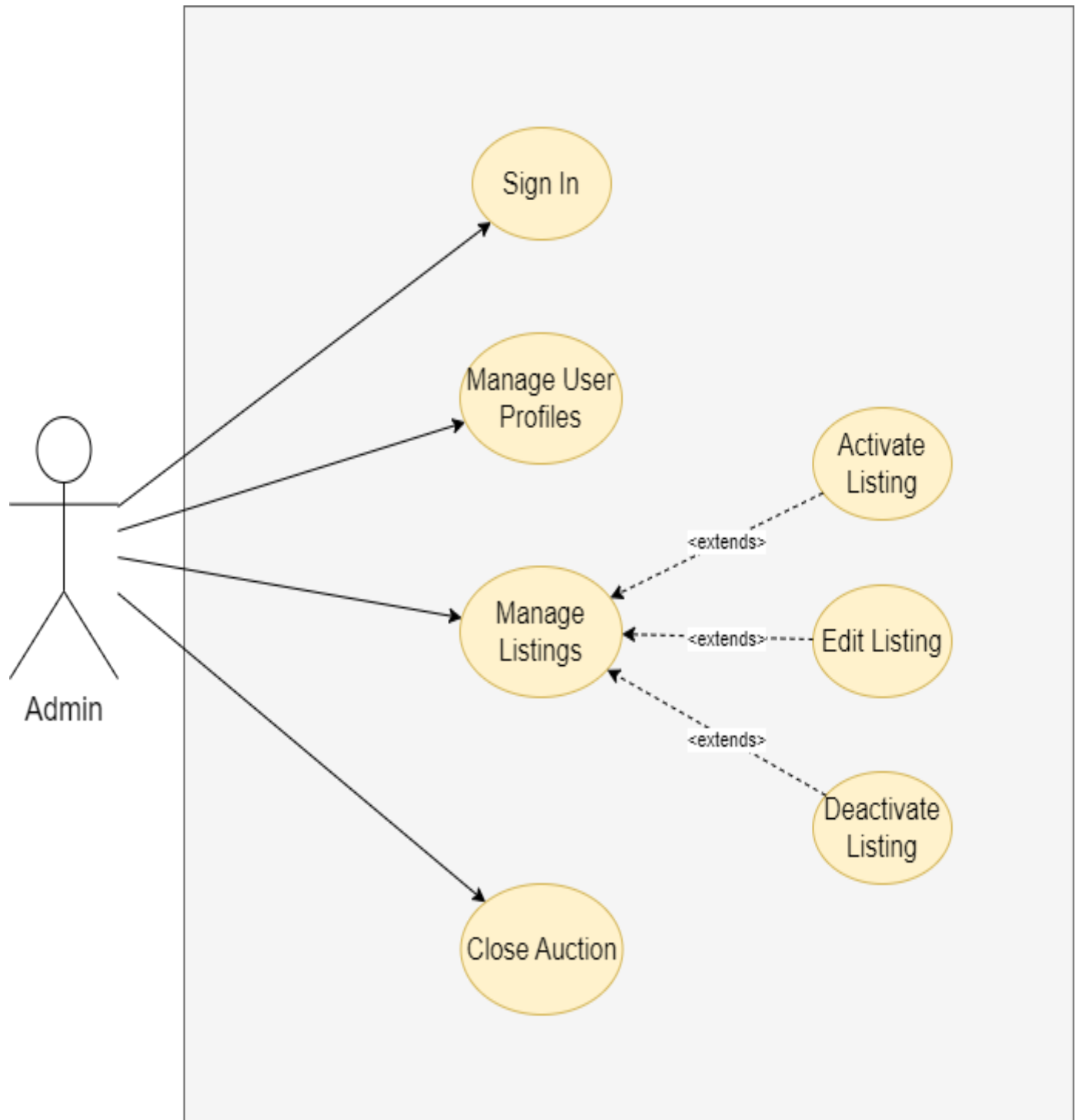


### 3.3.2 USE CASE – BIDDER

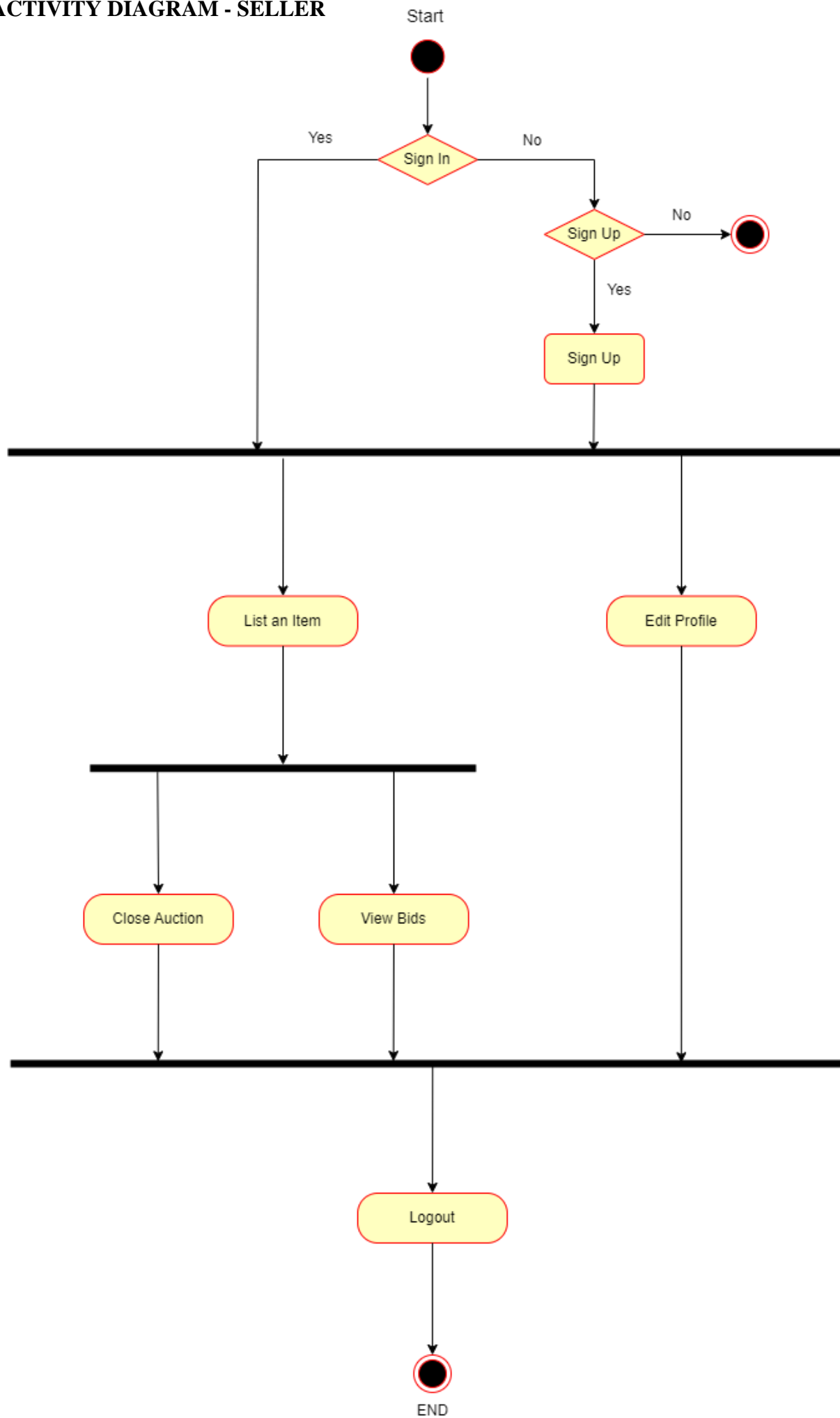




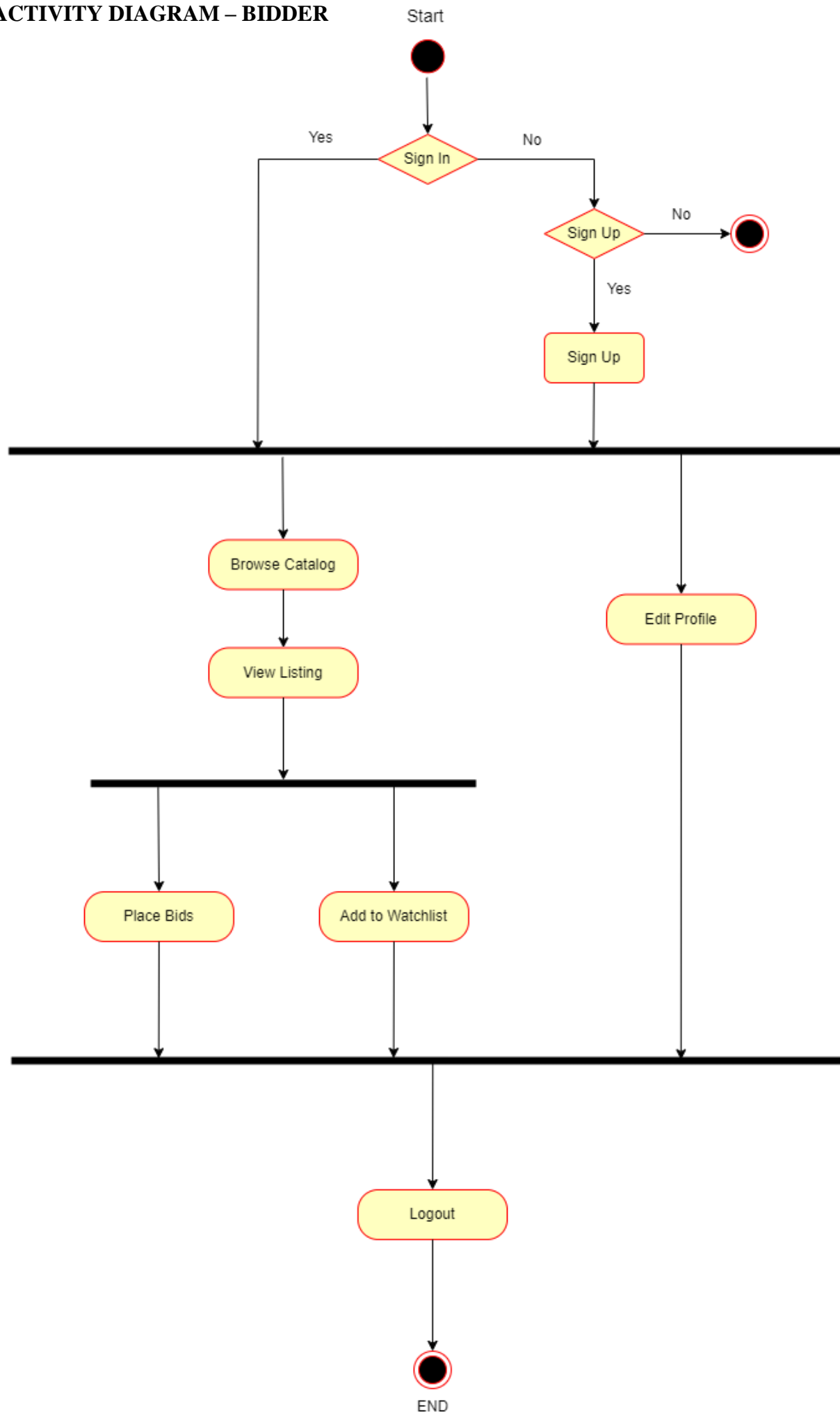
### 3.3.3 USE CASE – ADMIN



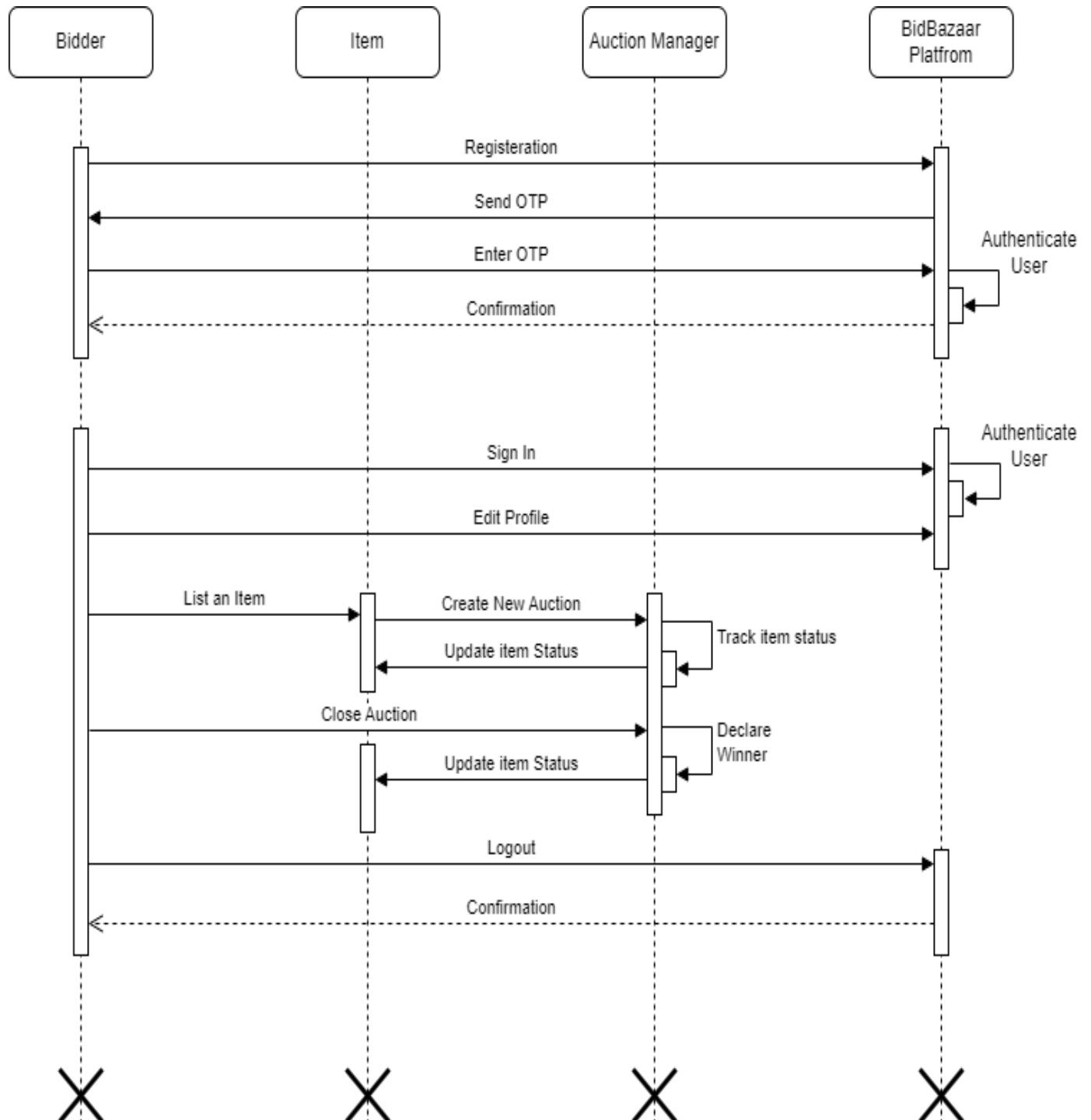
### 3.4.1 ACTIVITY DIAGRAM - SELLER



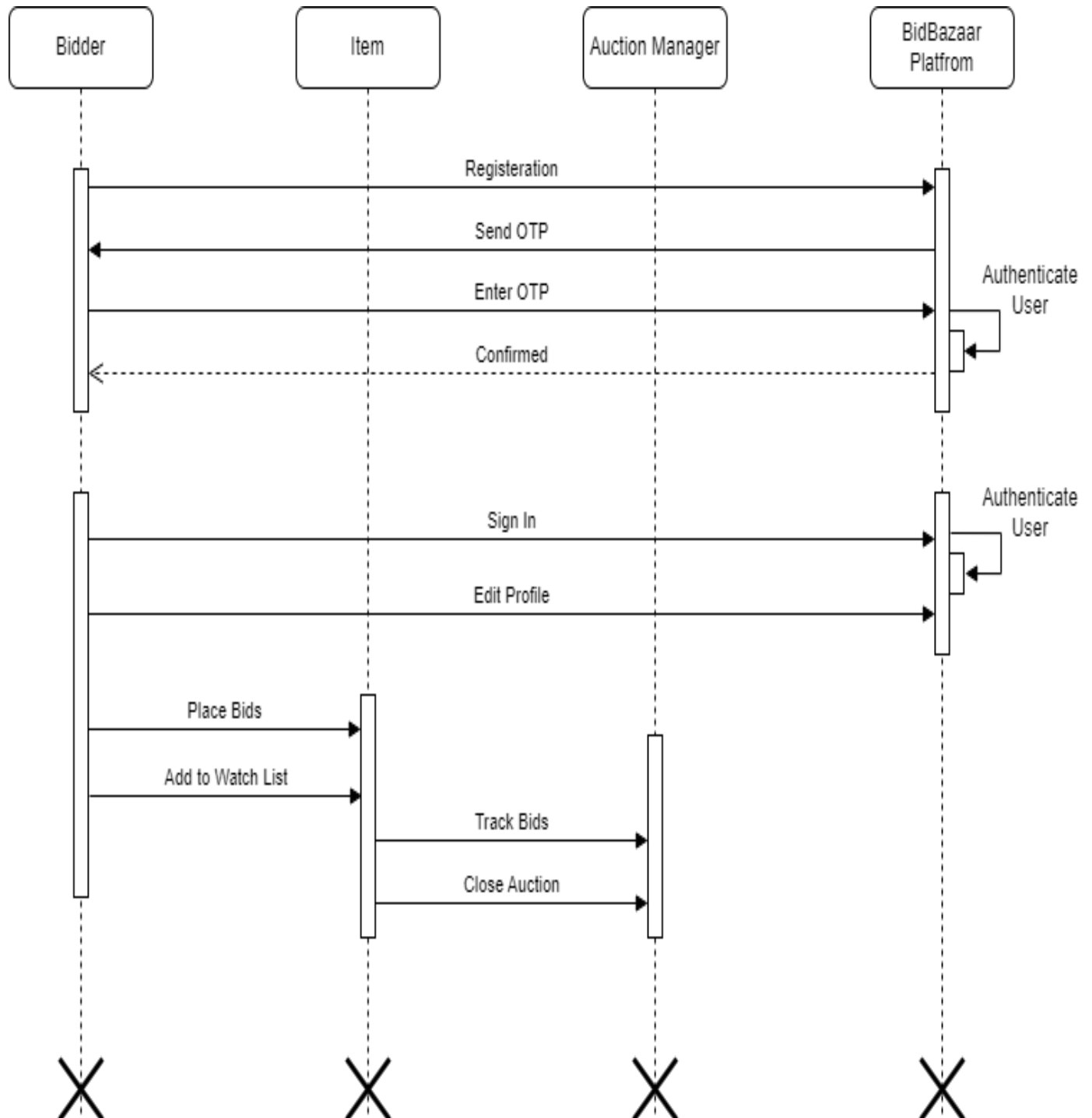
### 3.4.2 ACTIVITY DIAGRAM – BIDDER



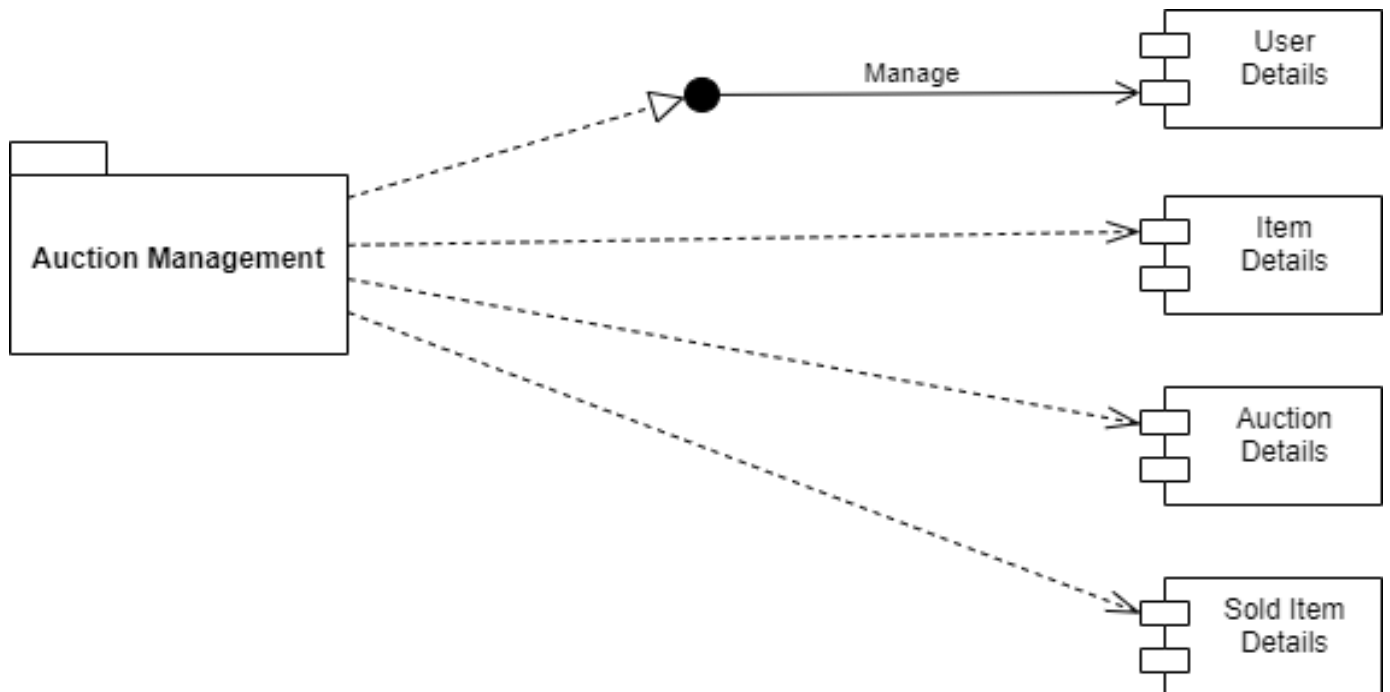
### 3.5.1 SEQUENCE DIAGRAM – SELLER



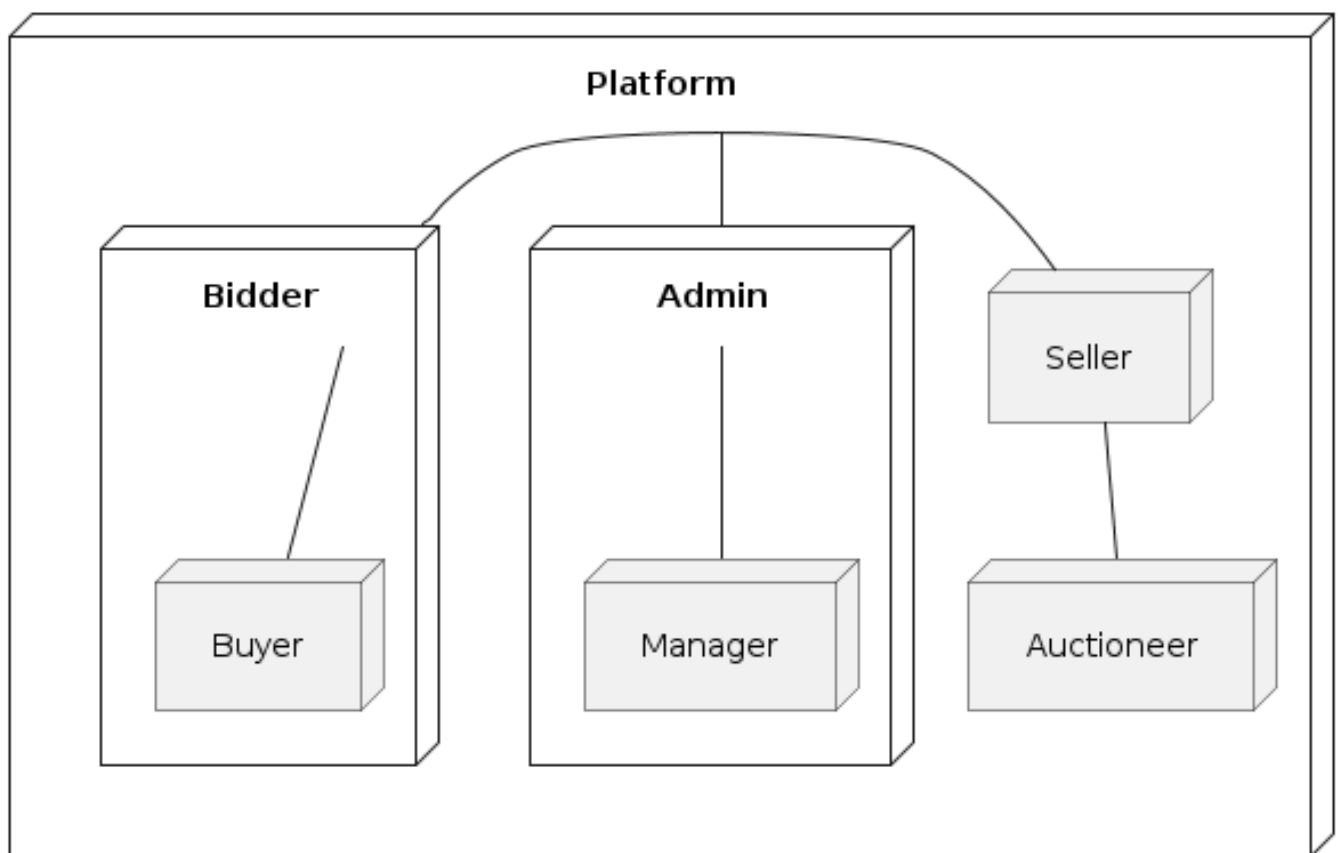
### 3.5.2 SEQUENCE DIAGRAM – BIDDER



### 3.6 COMPONENT DIAGRAM



### 3.7 MODULE HIERACHY DIAGRAM



### 3.8 TABLE DESIGN –

#### Table Name – User

**Table Description** – Contains necessary information about User.

Sr. No.	Field name	Field type	Field size	Constraints	Description
User-id	Integer	Unique	Unique identifier for users	User-id	Integer
First-name	String	Null=True	First name of the user	First-name	String
Last-name	String	Null=True	Last name of the user	Last-name	String
Username	String	Unique	Unique username for login	Username	String
Password	String	Not Null	Password for login	Password	String
Email	String	Unique	Email address of the user	Email	String
Address	Text	Null=True	Address of the user	Address	Text
Profile-pic	ImageField	Null=True	Profile picture of the user	Profile-pic	ImageField

#### Table Name – Items

**Table Description** – Stores details of listings including title, category, description, auction status, and associated user and image.

Sr. No.	Field name	Field type	Field size	Constraints	Description
1	id	Integer	-	Primary Key, Not Null	Unique identifier
2	user_id	Integer	-	Foreign Key	References User table
3	title	String	64	-	Title of the listing
4	category	String	32	-	Category of the listing
5	description	String	512	-	Description of the listing
6	starting_value	Decimal	-	-	Starting value of the auction
7	auction_active	Boolean	-	Default True	Indicates if auction is active



8	winner_id	Integer	-	Foreign Key, Null	References User table, winner of the auction
9	image	Image	-	-	Image associated with the listing

**Table Name –Watch**

**Table Description** – Tracks users watching specific listings through user and listing references.

Sr. No.	Field Name	Field Type	Field Size	Constraints	Description
1	id	Integer	-	Primary Key, Not Null	Unique identifier
2	user_id	Integer	-	Foreign Key	References User table
3	listing_id	Integer	-	Foreign Key	References Listing table

**Table Name –Bids**

**Table Description** – Records bids made by users on listings with user, listing, and bid value fields.

Sr. No.	Field Name	Field Type	Field Size	Constraints	Description
1	id	Integer	-	Primary Key, Not Null	Unique identifier
2	user_id	Integer	-	Foreign Key	References User table
3	listing_id	Integer	-	Foreign Key	References Listing table
4	value	Decimal	-	-	Value of the bid

**Table Name – Comment**

**Table Description** – Manages comments made by users on listings including user, listing, and comment text fields.


Sr. No.	Field Name	Field Type	Field Size	Constraints	Description
1	id	Integer	-	Primary Key, Not Null	Unique identifier
2	user_id	Integer	-	Foreign Key	References User table
3	listing_id	Integer	-	Foreign Key	References Listing table

### 3.9 DATA DICTIONARY



Field Name	Type	Constraints	Description	Field Name
User-id	Integer	Unique	Unique identifier for users	User
First-name	String	Null=True	First name of the user	User
Last-name	String	Null=True	Last name of the user	User
Username	String	Unique	Unique username for login	User
Password	String	Not Null	Password for login	User
Email	String	Unique	Email address of the user	User
id	Integer	Primary Key, Not Null	Unique identifier	Listing
user_id	Integer	Foreign Key	References User table	Listing
title	String	-	Title of the listing	Listing
category	String	-	Category of the listing	Listing
description	String	-	Description of the listing	Listing
starting_value	Decimal	-	Starting value of the auction	Listing
auction_active	Boolean	Default True	Indicates if auction is active	Listing
winner_id	Integer	Foreign Key, Null	References User table, winner of the auction	Listing
image	ImageField	-	Image associated with the listing	Listing
id	Integer	Primary Key, Not Null	Unique identifier	Watch
user_id	Integer	Foreign Key	References User table	Watch
listing_id	Integer	Foreign Key	References Listing table	Watch
id	Integer	Primary Key, Not Null	Unique identifier	Bid
user_id	Integer	Foreign Key	References User table	Bid
listing_id	Integer	Foreign Key	References Listing table	Bid
value	Decimal	-	Value of the bid	Bid
id	Integer	Primary Key, Not Null	Unique identifier	Comment
comment	String	-	The comment made	Comment

## 3.10 INPUT OUTPUT SCREENS

### HOMEPAGE –



[Home](#) [Categories](#) [Create Listings](#) [Your Listings](#) [Won Auctions](#) [Watch List](#)

Welcome !  
**blockbusterandy**  [Profile](#)  [Logout](#)

## Welcome to Bid Bazaar

### Your Premier Online Auction Destination

Dive into a world of endless possibilities as you browse through our curated selection of unique items, rare collectibles, and sought-after treasures. Whether you're a seasoned collector hunting for that elusive gem or a bargain hunter seeking unbeatable deals, Bid Bazaar has something for everyone.

### Explore Our Auctions

Discover a diverse array of auctions featuring everything from vintage artifacts and exclusive memorabilia to cutting-edge tech gadgets and luxury goods. With new items added regularly, there's always something exciting to bid on at Bid Bazaar. Our user-friendly platform makes it easy to navigate, place bids, and track your favorite items, ensuring a seamless and enjoyable auction experience.


### Bid with Confidence

At Bid Bazaar, we prioritize transparency, integrity, and security. Each item in our auctions is meticulously verified for authenticity, so you can bid with confidence knowing that you're getting the real deal. Our robust bidding system ensures fair and competitive auctions, giving everyone an equal chance to win their desired items at the best possible prices.

### Sell Your Treasures

Got items gathering dust in your attic or closet? Turn your clutter into cash by selling on Bid Bazaar. Our seller-friendly platform makes it simple to list your items, attract potential buyers, and close lucrative deals. Join our community of sellers and start monetizing your treasures today.

## Recent Listings




### X-Men Frame Signed by Stan Lee

Current Bid: ₹ 25000.00

Active

BID NOW




### 1963-D US Washington Quarter Coin

Current Bid: ₹ 6000

Active

BID NOW




### Super Mario Bros 3 (NES) Game Cartridge

Current Bid: ₹ 25000.00

Active

BID NOW




### Gojo Satoru Figurine

Current Bid: ₹ 1500.00

Active

BID NOW




### Amazing Fantasy Spider-Man Comic (June 1962)

Current Bid: ₹ 40000

Active

BID NOW




### Super Rare Holo Charizard

Current Bid: ₹ 50000.00

Active

BID NOW




### Deadpool Funko Pop - Signed by Stan Lee

Current Bid: ₹ 12000.00

Active

BID NOW

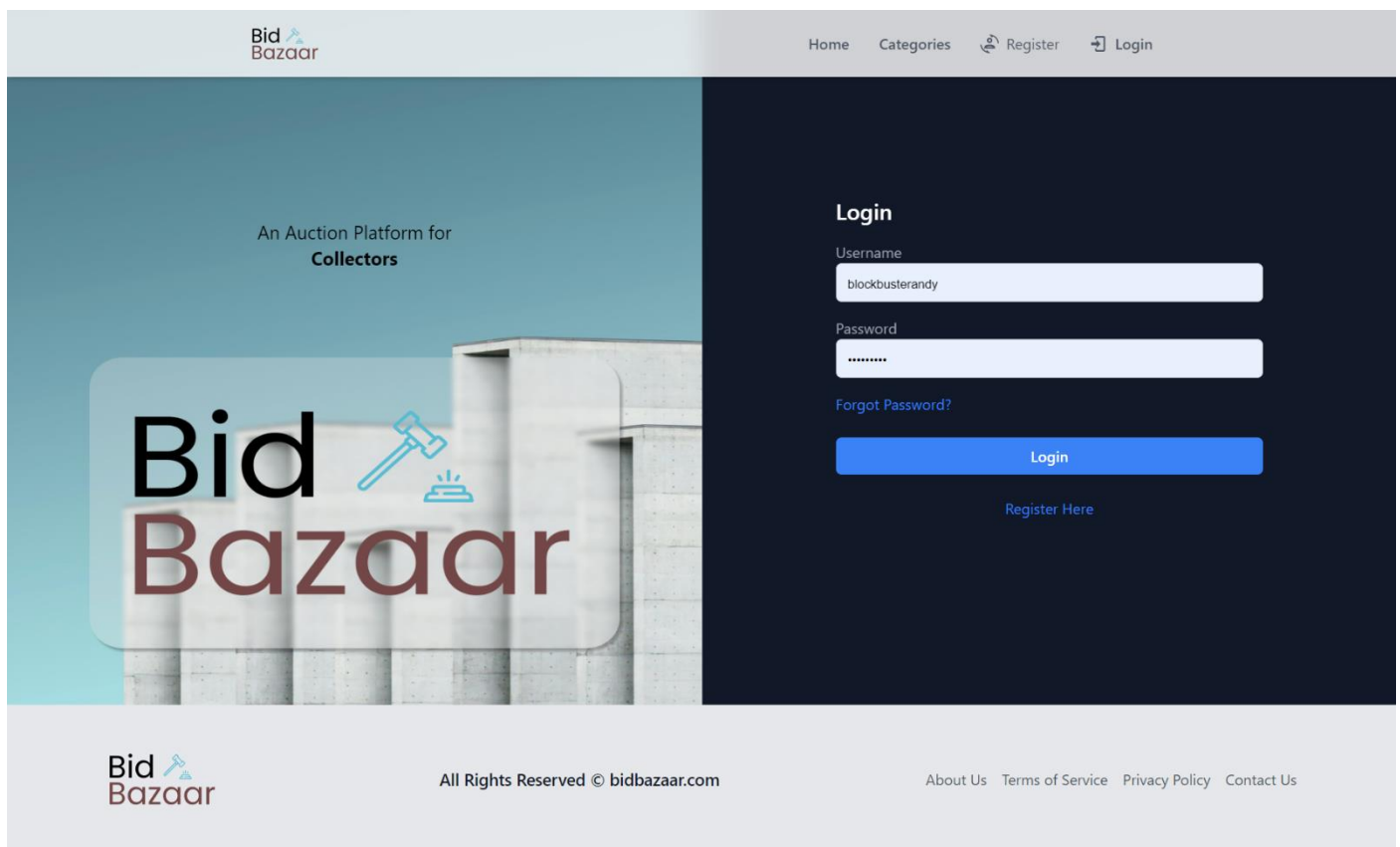


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22

## LOGIN SCREEN –



## OTP AUTHENTICATION SCREEN –



[Home](#) [Categories](#) [Register](#) [Login](#)



Please enter the OTP sent to your registered email address.

Enter OTP:

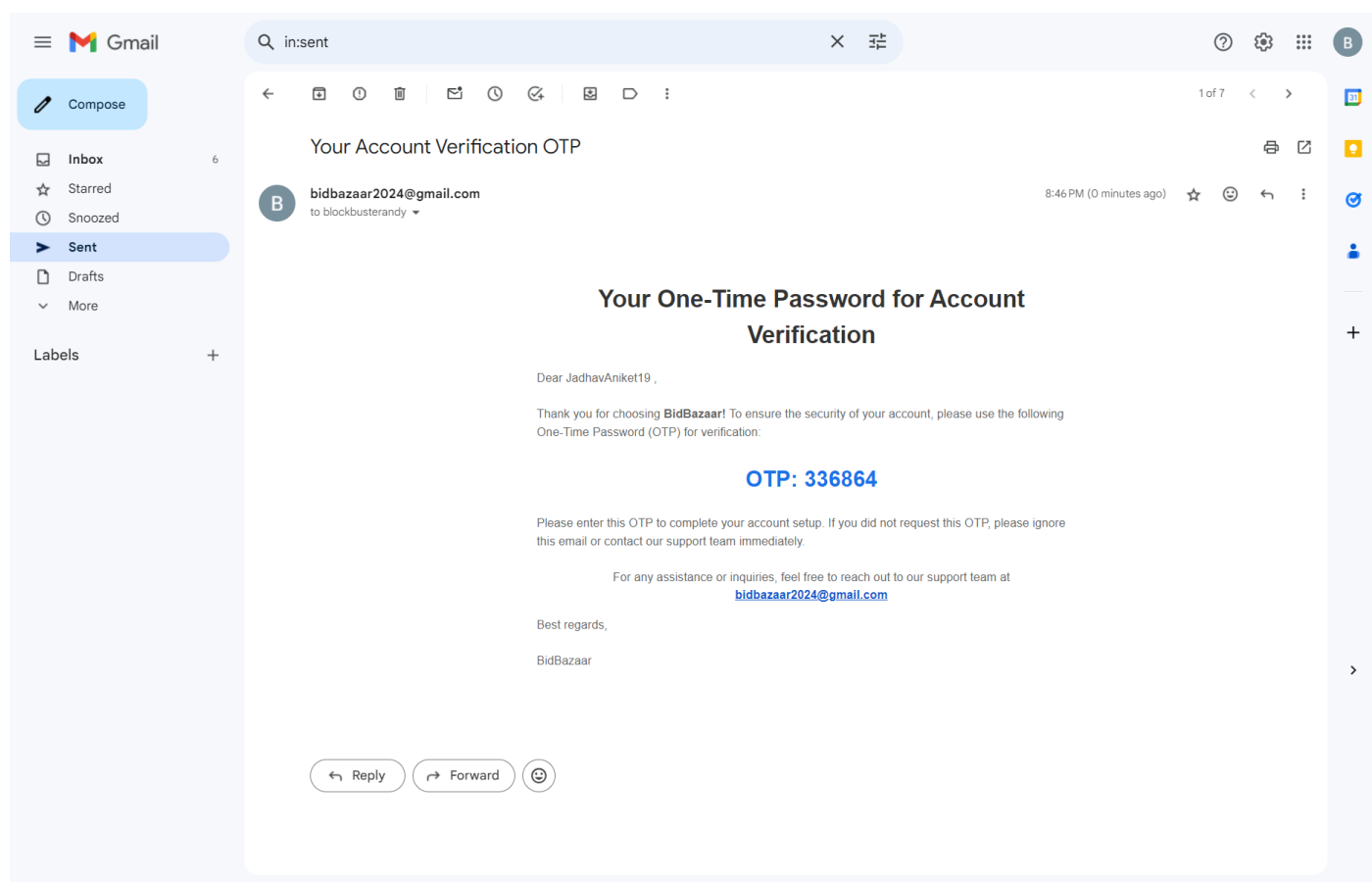
Verify OTP



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## OTP MAIL TEMPLATE –



## ITEM LISTING –

Bid Bazaar

Home

Categories

Create Listings

Your Listings

Won Auctions


Watch List

Welcome !

blockbusterandy

Profile

Logout



Category : Comic Books

Amazing Fantasy Spider-Man Comic (June 1962)

Item Description

This particular copy of Amazing Fantasy #15 is a rare find, preserved in remarkable condition considering its age. With its vibrant colors and crisp pages, it's a testament to the care it has received over the years. Graded by a respected third-party grading service, this comic stands as a testament to the enduring legacy of Spider-Man and the creative genius of Stan Lee and Steve Ditko.

Owner: aniketjadhav

Initial Price

₹35000.00

Current Price

₹40000

Current Highest Bidder: blockbusterandy

Please login To place a bid

Place Your Bid

Bid

Add to Watchlist

Comment Section

blockbusterandy

nice

Comment ...

Bid Bazaar

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## CREATE LISTING –



[Home](#) [Categories](#) [Create Listings](#) [Your Listings](#) [Won Auctions](#) [Watch List](#)

Welcome !  
**blockbusterandy**  [Profile](#)  [Logout](#)

### Create Listings

Title:

Category:  

Trading Cards

Description:


Starting value:

Image:  

Choose File

 No file chosen

Submit



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## ADMIN DASHBOARDS LISTINGS –

### Admin Dashboard

[Manage Users](#)[Manage Listings](#)[Reports](#)[Logout](#)

### BidBazaar Administration

[Search](#)

#### Manage Listings

##### Super Rare Charizard Pokemon Card

Own a piece of Pokemon history with this ultra-rare Charizard card, coveted by collectors worldwide. This card is not just any Charizard; it's the epitome of rarity and prestige in the Pokemon TCG universe. With its striking artwork and formidable stats, this card has captured the hearts of trainers since its release.

Starting Value: ₹10000.00  
Category: Trading Cards

Auction Active: **Yes**

[Delete](#)[Deactivate](#)

##### Rare Amazing Fantasy Spider-Man Comic

Step into the realm of Marvel history with this extraordinary copy of Amazing Fantasy #15, the comic book that introduced the world to the iconic character, Spider-Man. Published in June 1962, this issue marked the debut of Peter Parker and his web-slinging alter ego, captivating readers and shaping the landscape of superhero comics for generations to come.

Starting Value: ₹45000.00  
Category: Comic Books

Auction Active: **Yes**

[Delete](#)[Deactivate](#)

##### JJK Gojo Satoru Figurine

Standing tall in his iconic attire, complete with his blindfold and signature white hair, this figurine captures Gojo's essence as the enigmatic and powerful sorcerer of the Jujutsu world. Every aspect of his design, from the intricate folds of his clothing to the intensity of his gaze, is faithfully reproduced to delight fans and collectors alike.

Starting Value: ₹12000.00

Category: Figurines

Auction Active: **Yes**

[Delete](#)[Deactivate](#)

##### Super Mario Bros 3 (NES) Game Cartridge

This auction features an authentic Super Mario Bros 3 game cartridge for the NES, ready to transport you back to the Mushroom Kingdom for another epic adventure with Mario, Luigi, and friends. Whether you're a seasoned gamer nostalgic for the days of pixelated platforming or a new generation eager to experience gaming history firsthand, this cartridge promises hours of joy and excitement.

Starting Value: ₹25000.00

Category: Collectibles

Auction Active: **Yes**

[Delete](#)[Deactivate](#)

##### 1963-D US Washington Quarter Coin

This coin is not just a piece of currency; it's a glimpse into the past, a tangible link to the year 1963, a time of cultural significance and historical events. Whether you're a seasoned collector seeking to enhance your portfolio or a novice enthusiast looking to start your numismatic journey, this Washington Quarter offers an opportunity to own a piece of American history.

Starting Value: ₹1500.00

Category: Currency & Coins

Auction Active: **Yes**

[Delete](#)[Deactivate](#)

##### X-Men Poster Signed by Stan Lee

Enter the legendary world of mutants with this exclusive X-Men poster signed by the late, great Stan Lee, the visionary co-creator of Marvel's X-Men universe. This poster is not just a piece of memorabilia; it's a cherished artifact that pays homage to the groundbreaking work of one of the most influential figures in comic book history.

Starting Value: ₹36000.00

Category: Other

Auction Active: **Yes**

[Delete](#)[Deactivate](#)

##### Batman No. 1 Comic Auction - Rare First Issue from 1940

Unveil a piece of comic book history with Batman No. 1, a legendary issue that introduced the world to the Dark Knight in his own solo series. Published by DC Comics in 1940, this iconic comic book is a cornerstone of the superhero genre, featuring the caped crusader's thrilling adventures and the debut of unforgettable characters.

Starting Value: ₹69000.00

Category: Comic Books

Auction Active: **Yes**

[Delete](#)[Deactivate](#)

##### Superman No. 1 Comic Auction - Historic Debut Issue from 1939

This particular copy of Superman No. 1 is a rare treasure, meticulously preserved over the decades, making it a prized possession for any comic book enthusiast. Graded by a reputable third-party grading service, this comic exemplifies remarkable condition considering its age, with vibrant colors and crisp pages that transport readers back to the Golden Age of comics.

Starting Value: ₹67500.00

Category: Comic Books

Auction Active: **Yes**

[Delete](#)[Deactivate](#)

##### X-Men Sentinel Figurine

The sentinels were giant robots designed to kill mutants in the X-Men comics, particularly in the famous Claremont run called "Days of Future Past." The 26-inch Marvel Legends Sentinel figure are nearly as imposing, with LEDs in the chest and head, 18-inch tentacle accessories, an alternate head, and a 6-inch Bastion figure.

Starting Value: ₹18000.00

Category: Figurines

Auction Active: **Yes**

[Delete](#)[Deactivate](#)

##### Deadpool Funko Pop Signed by Stan Lee

Crafted in Funko's signature style, this Deadpool figure captures the Merc with a Mouth in all his quirky glory, wielding his katana swords and sporting his trademark red-and-black suit. What sets this Funko Pop apart is the addition of Stan Lee's autograph, adding an extra layer of authenticity and value to an already sought-after item.

Starting Value: ₹58000.00

Category: Figurines

Auction Active: **Yes**

[Delete](#)[Deactivate](#)

##### Gengar Holo PSA 10 Gem Mint - Pokémon Card

This particular Gengar card has been graded PSA 10 Gem Mint, indicating a flawless condition with perfect corners, sharp edges, and no visible imperfections. The holographic surface shimmers impeccably, ensuring that Gengar's eerie presence is felt by all who gaze upon it. Originating from one of the beloved early sets, this card is not only a collector's dream but also a piece of Pokémon history.

Starting Value: ₹25000.00

Category: Trading Cards

Auction Active: **Yes**

[Delete](#)[Deactivate](#)

# ADMIN DASHBOARD REPORTS -

BidBazaar Administration

Admin Dashboard

Bid  
Bazaar

Manage Users

Manage Listings

Reports

Logout

## Users

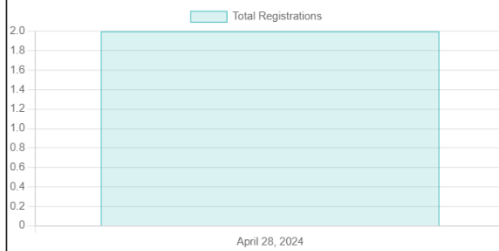
### User-wise Listings

Username	Total Listings
admin	0
aniketjadhav19	6
kolhepratik	2
vishalgurdale2002	3

### User Registration Reports (Last 7 Days)

Date	Total Registrations
April 28, 2024	2

### User Registration Reports Chart (Last 7 Days)



### User Registration Reports Table (Last 3 Months)

Month	Total Registrations
3	1
4	2

### User Registration Reports Chart (Last 3 Months)

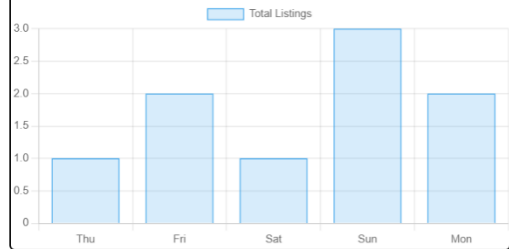


## Listings

### Day-wise Listings

Date	Total Listings
April 25, 2024	1
April 26, 2024	2
April 27, 2024	1
April 28, 2024	3
April 29, 2024	2

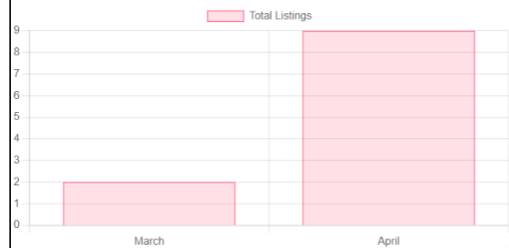
### Day-wise Listings Chart



### Month-wise Listings

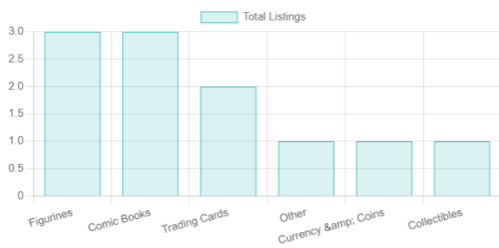
Month	Total Listings
3	2
4	9

### Month-wise Listings Chart



## Category

Category	Total Listings
Figurines	3
Comic Books	3
Trading Cards	2
Other	1
Currency & Coins	1
Collectibles	1



## Bids

### Most Bid Item

#### Super Rare Charizard Pokemon Card

Total Bids: 1  
Category: Trading Cards

### Least Bid Item

#### JK Gojo Satoru Figurine

Total Bids: 0  
Category: Figurines

### Top Bidders

aniketjadhav19 - 3 bids  
vishalgurdale2002 - 2 bids  
admin - 0 bids  
kolhepratik - 0 bids

## CHAPTER 4

### SAMPLE CODE

#### views.py (code to edit profile & password)

```
from django.contrib.auth import authenticate, login, logout
from django.contrib.auth.decorators import login_required
from django.http import HttpResponseRedirect, HttpResponseRedirect
from django.shortcuts import render, redirect
from django.urls import reverse
from .models import User, Listing, Watch, Bid, Comment

@login_required
def view_profile(request):
    user = request.user
    return render(request, "auctions/profile/view_profile.html", {'user': user})

@login_required
def edit_profile(request):
    if request.method == 'POST':
        user = request.user
        user.first_name = request.POST['first_name']
        user.last_name = request.POST['last_name']
        user.email = request.POST['email']
        user.address = request.POST.get('address', '') # Use get() method to handle cases
where address is not provided

        # Handle profile picture upload
        if 'profile_picture' in request.FILES:
            user.profile_picture = request.FILES['profile_picture']

        user.save()
        return HttpResponseRedirect(reverse('view_profile'))
    return render(request, 'auctions/profile/edit_profile.html', {'user': request.user})

@login_required
def edit_password(request):
    if request.method == 'POST':
        user = request.user
        original_password = request.POST['original_password']
        new_password = request.POST['new_password']
        confirm_password = request.POST['confirm_password']

        # Check if the original password provided by the user is correct
        if authenticate(username=user.username, password=original_password):
            # Check if the new password and confirmation match
            if new_password == confirm_password:
                user.set_password(new_password)
                user.save()
```

```

        return HttpResponseRedirect(reverse('view_profile'))
    else:
        return render(request, 'auctions/profile/edit_password.html', {'error':
'New passwords do not match'})
    else:
        return render(request, 'auctions/profile/edit_password.html', {'error':
'Invalid original password'})

    return render(request, 'auctions/profile/edit_password.html')

```

## edit\_profile.html

```

{% extends "auctions/layout.html" %}
{% load static %}
{% block body %}
<section class="dark:bg-gray-900 w-[100vw] min-h-[100vh] pt-[10vh]">
    <div class="container mx-auto py-8">
        <h1 class="text-gray-300 text-2xl font-bold mb-4">User Profile</h1>

        <div class="bg-white shadow-md rounded px-8 pt-6 pb-8 mb-4">
            <div class="flex flex-row justify-around items-center">
                <div>
                    {% if user.profile_picture %}
                        
                    {% else %}
                        
                    {% endif %}
                </div>

                <div>
                    <p class="mb-4"><strong>Username:</strong> {{ user.username }}</p>
                    <p class="mb-4"><strong>First Name:</strong> {{ user.first_name }}</p>
                    <p class="mb-4"><strong>Last Name:</strong> {{ user.last_name }}</p>
                    <p class="mb-4"><strong>Email:</strong> {{ user.email }}</p>
                    <p class="mb-4"><strong>Address:</strong> {{ user.address }}</p>
                </div>
            </div>

            <div class="flex justify-center gap-10">
                <a href="{% url 'edit_profile' %}" class="bg-blue-500 hover:bg-blue-700 text-
white font-bold py-2 px-4 rounded">Edit Profile</a>
                <a href="{% url 'edit_password' %}" class="bg-blue-500 hover:bg-blue-700 text-
white font-bold py-2 px-4 rounded">Edit Password</a>
            </div>
        </div>
    </div>

```

```

</section>
{% endblock %}

view_profile.html

{% extends "auctions/layout.html" %}
{% load static %}
{% block body %}
<section class="dark:bg-gray-900 w-[100vw] min-h-[100vh] pt-[10vh]">
  <div class="container mx-auto py-8">
    <h1 class="text-gray-300 text-2xl font-bold mb-4">User Profile</h1>

    <div class="bg-white shadow-md rounded px-8 pt-6 pb-8 mb-4">
      <div class="flex flex-row justify-around items-center">
        <div>
          {% if user.profile_picture %}
            
          {% else %}
            
          {% endif %}
        </div>

        <div>
          <p class="mb-4"><strong>Username:</strong> {{ user.username }}</p>
          <p class="mb-4"><strong>First Name:</strong> {{ user.first_name }}</p>
          <p class="mb-4"><strong>Last Name:</strong> {{ user.last_name }}</p>
          <p class="mb-4"><strong>Email:</strong> {{ user.email }}</p>
          <p class="mb-4"><strong>Address:</strong> {{ user.address }}</p>
        </div>
      </div>

      <div class="flex justify-center gap-10">
        <a href="{% url 'edit_profile' %}" class="bg-blue-500 hover:bg-blue-700 text-
white font-bold py-2 px-4 rounded">Edit Profile</a>
        <a href="{% url 'edit_password' %}" class="bg-blue-500 hover:bg-blue-700 text-
white font-bold py-2 px-4 rounded">Edit Password</a>
      </div>
    </div>
  </div>
</section>
{% endblock %}

```

## edit\_password.html

```
{% extends "auctions/layout.html" %}
{% load static %}
{% block body %}
<section class="dark:bg-gray-900 w-[100vw] min-h-[100vh] pt-[10vh]">
  <div class="container mx-auto py-8">
    <h1 class="text-gray-300 text-2xl font-bold mb-4">Edit Password</h1>
    <div class="bg-white shadow-md rounded px-8 pt-6 pb-8 mb-4">
      <form method="post" >
        {% csrf_token %}
        {% if error %}
        <p class="text-red-500 mb-4">{{ error }}</p>
        {% endif %}
        <div class="mb-4">
          <label class="block text-gray-700 text-sm font-bold mb-2"
for="original_password">Current Password</label>
          <input class="shadow appearance-none border rounded w-full py-2 px-3
text-gray-700 leading-tight focus:outline-none focus:shadow-outline"
id="original_password" type="password" placeholder="Current Password"
name="original_password" required>
        </div>
        <div class="mb-4">
          <label class="block text-gray-700 text-sm font-bold mb-2"
for="new_password">New Password</label>
          <input class="shadow appearance-none border rounded w-full py-2 px-3
text-gray-700 leading-tight focus:outline-none focus:shadow-outline" id="new_password"
type="password" placeholder="New Password" name="new_password" required>
        </div>
        <div class="mb-4">
          <label class="block text-gray-700 text-sm font-bold mb-2"
for="confirm_password">Confirm Password</label>
          <input class="shadow appearance-none border rounded w-full py-2 px-3
text-gray-700 leading-tight focus:outline-none focus:shadow-outline" id="confirm_password"
type="password" placeholder="Confirm Password" name="confirm_password" required>
        </div>
        <button type="submit" class="bg-blue-500 hover:bg-blue-700 text-white
font-bold py-2 px-4 rounded">Save Changes</button>
      </form>
      <div class="flex justify-end">
        <a href={% url 'forgot_password' %} class="text-gray-700 text-sm font-
bold mb-2 hover:text-blue-500"><p>Forgot Password ? </p></a>
      </div>
    </div>
  </div>
</section>
{% endblock %}
```

## **CHAPTER 5**

### **LIMITATIONS OF THE SYSTEM**

#### **1. Scalability Challenges:**

- As Bid Bazaar is developed as a college project by a solo developer, it may face challenges in scaling up to accommodate many users or high transaction volumes. Limited resources and infrastructure may impact the platform's ability to handle increased traffic effectively.

#### **2. Limited Feature Set:**

- Due to the scope and constraints of the project, Bid Bazaar may lack certain advanced features or functionalities commonly found in established online auction platforms. For example, it may not support advanced bidding options, automated dispute resolution mechanisms, or comprehensive seller analytics.

#### **3. Security Risks:**

- While efforts are made to ensure the security of user data and transactions, Bid Bazaar may still be susceptible to security vulnerabilities or breaches. Limited resources and expertise may result in inadequate security measures, exposing users to potential risks such as data theft or unauthorized access.

#### **4. Technical Constraints:**

- Bid Bazaar's functionality and performance may be limited by technical constraints such as browser compatibility issues, device limitations, or network connectivity issues. Ensuring compatibility across a wide range of devices and browsers may present challenges for a solo developer.

#### **5. Legal and Regulatory Compliance:**

- Bid Bazaar may face challenges in ensuring compliance with legal and regulatory requirements, such as data protection laws, consumer rights regulations, or taxation laws. Limited legal expertise and resources may impact Bid Bazaar's ability to navigate complex legal frameworks effectively.

## **CHAPTER 6**

### **PROPOSED ENHANCEMENTS**

Bid Bazaar, as a continuously evolving project, can benefit from proposed enhancements aimed at improving its functionality, usability, and overall user experience. These enhancements leverage emerging technologies and user feedback to address existing limitations and introduce new features. The proposed enhancements for Bid Bazaar include:

#### **1. Real-Time Notifications:**

- Implement a real-time notification system to alert users about significant events, such as outbidding notifications, auction status updates, and new message notifications. This feature enhances user engagement and ensures timely communication between buyers and sellers.

#### **2. Search and Filtering:**

- Expand the search and filtering capabilities to allow users to refine their search results based on additional criteria, such as item condition, seller ratings, or location. This enhancement improves the discoverability of items and helps users find relevant listings more efficiently.

#### **3. Mobile App Development:**

- Develop a dedicated mobile application for Bid Bazaar to provide users with seamless access to the platform from their smartphones or tablets. The mobile app can offer optimized user interfaces, push notifications, and offline access, enhancing the accessibility and convenience of Bid Bazaar.

#### **4. Improved Security Measures:**

- Strengthen the security measures of Bid Bazaar by implementing additional layers of encryption, user authentication protocols, and vulnerability assessments. Regular security audits and updates mitigate the risk of data breaches and ensure the protection of user information.

#### **5. Payment Options:**

- Offer additional payment options, such as digital wallets, cryptocurrency, or installment plans, to provide users with greater flexibility and convenience when completing transactions. Supporting a diverse range of payment methods accommodates varying user preferences and increases transaction completion rates.

These proposed enhancements aim to elevate Bid Bazaar into a more robust and feature-rich online auction platform, meeting the evolving needs and expectations of its user base. By prioritizing user feedback and leveraging technological advancements, Bid Bazaar can continue to grow and innovate, maintaining its position as a leading destination for collectors worldwide.



## **CHAPTER 7**

### **CONCLUSION**

In conclusion, Bid Bazaar represents a significant achievement, showcasing the application of theoretical knowledge in real-world software development. Developed as a solo project, Bid Bazaar underscores the developer's ability to conceptualize, design, and implement a functional online auction platform using modern technologies.

Bid Bazaar serves multiple purposes beyond its immediate functionality. It provides a valuable learning experience for the developer, allowing them to gain hands-on experience in full-stack web development, including backend and frontend technologies. Through the project, the developer deepens their understanding of software engineering principles, design patterns, and best practices, preparing them for future career endeavours in the field of software development.

Bid Bazaar demonstrates the developer's proficiency in utilizing a range of technologies, including Django for backend development, HTML, JavaScript, and Tailwind CSS for frontend, and integrating real-time capabilities for dynamic bidding. The project serves as a testament to the developer's ability to leverage these technologies effectively to create a robust and user-friendly online auction platform.

Furthermore, Bid Bazaar exemplifies the developer's problem-solving skills and creativity in addressing the unique needs and requirements of collectors. By incorporating features such as real-time bidding, user feedback, and secure transactions, Bid Bazaar enhances the online auction experience for collectors, fostering trust and engagement within the community.

In closing, Bid Bazaar stands as a testament to the developer's dedication, creativity, and passion for technology. As they continue their journey in the world of software development, Bid Bazaar serves as a reminder of their accomplishments and a springboard for future innovation and excellence.

## CHAPTER 8

### BIBLIOGRAPHY

1. Django Documentation. (<https://docs.djangoproject.com/en/stable/>)
  - Official documentation for the Django web framework, providing comprehensive guides, tutorials, and references for developers.
2. Tailwind CSS Documentation. (<https://tailwindcss.com/docs>)
  - Official documentation for Tailwind CSS, a utility-first CSS framework used for building responsive and customizable user interfaces.
3. JavaScript MDN Web Docs. (<https://developer.mozilla.org/en-US/docs/Web/JavaScript>)
  - Mozilla Developer Network's comprehensive documentation for JavaScript, covering language features, APIs, and best practices.
4. SQLite Documentation. (<https://www.sqlite.org/docs.html>)
  - Official documentation for SQLite, the default database engine used in Django, providing guides and references for database management.
5. Web Development Best Practices. (<https://developer.mozilla.org/en-US/docs/Learn>)
  - Mozilla Developer Network's resources on web development best practices, covering topics such as accessibility, performance optimization, and security.
6. Web Development Forums and Communities.
  - Participation in online forums and communities such as Stack Overflow, Reddit's r/webdev, and GitHub repositories for learning, troubleshooting, and collaboration with other developers.