

E-COMMERCE WEBSITE DEVELOPMENT

Submitted in partial fulfillment of the requirements for the award of

Bachelors of Computer science

BY

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DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of **MEGANATH T (41290035)** and **HARIRAM KUMAR V (41290022)** who carried out the project entitled “E-COMMERCE WEBSITE DEVELOPMENT” under the supervision from NOVEMBER 2023 TO APRIL 2024.

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**MEGANATH T
HARIRAM KUMAR V**

ABSTRACT

We're going to present the idea of our final year project. This project focuses on the design and development of a versatile online e-commerce platform empowered by artificial intelligence (AI). The objective is to create a robust, user-friendly website that incorporates AI technologies to enhance user experience, optimize business operations, and provide personalized services. The abstract of an e-commerce website typically outlines its purpose, functionality, and target audience. It may include details such as the types of products or services offered, the platform's features (like secure payment processing and user-friendly navigation), and its unique selling points or value proposition. Additionally, it might highlight any innovative technologies or strategies employed to enhance the user experience and drive sales.

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CHAPTER 1

INTRODUCTION

Welcome to [E-COMMERCE], where convenience meets quality in the digital marketplace. As you embark on your online shopping journey, prepare to immerse yourself in a world of endless possibilities, where every click opens the door to a universe of products tailored to your needs and desires. From the latest fashion trends to cutting-edge gadgets, from artisanal crafts to everyday essentials, our platform offers a diverse array of offerings curated to cater to every taste and preference.

We pride ourselves on providing a seamless shopping experience that transcends boundaries. Whether you're browsing from the comfort of your home or on the go, our user-friendly interface ensures that you can effortlessly navigate through our vast selection with ease. With secure payment options and swift delivery services, we prioritize your peace of mind, ensuring that your shopping experience is not only enjoyable but also worry-free.

But is more than just a marketplace; it's a community. Join a thriving network of like-minded individuals who share your passion for discovering new products and embracing the digital age of commerce. Engage with fellow shoppers, read reviews, and gain insights to make informed decisions that enhance your shopping experience.

1.1 OVERVIEW ON E-COMMERCE WEBSITE

E-COMMERCE WEBSITE, short for Over-the-Top of shopping, are software platforms that deliver media content directly to users over the internet, bypassing traditional distribution channels like cable or satellite TV. These applications are accessible on a variety of internet-connected devices, including smartphones, tablets, smart TVs, and computers, allowing users to stream content on-demand.

Welcome to [E-commerce Website], your premier destination for online shopping. As a leading e-commerce platform, we offer a comprehensive selection of products across a myriad of categories, meticulously curated to cater to the diverse needs and preferences of our esteemed clientele. From fashion and electronics to home goods and beyond, our expansive inventory ensures that every shopper finds precisely what they seek.

At [E-commerce Website], we prioritize the seamless integration of technology and commerce to deliver an unparalleled shopping experience. Our user-friendly interface empowers customers to effortlessly navigate our platform, facilitating swift and efficient browsing, product selection, and checkout processes. With robust security measures in place, including encrypted transactions and data protection protocols, we safeguard the privacy and confidentiality of every transaction, instilling confidence and peace of mind in our patrons.

Beyond our commitment to convenience and security, [E-commerce Website] fosters a vibrant and engaged community of shoppers and enthusiasts. Through interactive features such as reviews, ratings, and social media integration, we encourage meaningful dialogue and exchange among our users, facilitating informed decision-making and enhancing the overall shopping experience. As stewards of innovation in the e-commerce landscape, [E-commerce Website] remains steadfast in our dedication to continuous improvement and advancement.

1.2 E COMMERCE WESITES IN CURRENT GENERATION

Here are some examples of popular E- Commerce websites along with their logos:

Amazon : Amazon, founded by Jeff Bezos in 1994, started as an online bookstore but swiftly expanded into a global e-commerce giant. Its growth has been propelled by a relentless focus on customer satisfaction, innovation, and diversification. Today, Amazon is much more than a retailer. It offers a wide array of products and services, including cloud computing (Amazon Web Services), streaming entertainment (Amazon Prime Video), smart home devices (Amazon Echo), and even brick-and-mortar stores (Amazon Go).



FIG 1.2.1 IMAGE OF AMAZON

Walmart: Walmart, founded by Sam Walton in 1962, has grown from a small discount store in Arkansas to the world's largest retailer. Renowned for its "everyday low prices" strategy, Walmart has revolutionized retail with its scale, efficiency, and expansive reach. With thousands of stores worldwide, Walmart caters to a diverse customer base, offering everything from groceries and household goods to electronics and apparel. Its vast supply chain and distribution network enable it to provide affordable products to millions of customers.



FIG 1.2.2 IMAGE OF WALMART

Book My Show: BookMyShow, founded in 1999 by Ashish Hemrajani, Parikshit Dar, and Rajesh Balpande, has become India's leading online entertainment ticketing platform. Initially focused solely on booking movie tickets, it has expanded its offerings to include tickets for live events, concerts, sports matches, and more. With a user-friendly interface and a wide range of entertainment options, BookMyShow has revolutionized the way Indians book tickets for leisure activities. Its website and mobile app provide convenient access to tickets for events across major cities in India, catering to diverse interests and preferences.



FIG 1.2.3 IMAGE OF BOOK MY SHOW

Myntra: Myntra, founded in 2007 by Mukesh Bansal, Ashutosh Lawania, and Vineet Saxena, has emerged as one of India's leading online fashion retailers. Initially starting as a personalized gift items e-commerce store, Myntra swiftly pivoted to focus exclusively on fashion, catering to the evolving tastes and preferences of Indian consumers. With a vast selection of clothing, footwear, accessories, and beauty products, Myntra offers a diverse range of brands, styles, and price points to suit every shopper. Its user-friendly

website and mobile app provide a seamless shopping experience, with features such as personalized recommendations, easy returns, and multiple payment options.



FIG 1.2.5 IMAGE OF MYNTRA

Burrow: Burrow is a modern furniture company that was founded in 2017 by Stephen Kuhl and Kabeer Chopra. The company distinguishes itself by offering high-quality, customizable furniture designed for modern living. Burrow's signature product is its modular sofa, which can be easily assembled, disassembled, and reconfigured to adapt to various living spaces. Burrow emphasizes convenience, sustainability, and affordability in its product offerings. Its furniture is designed to be shipped directly to customers' doorsteps in compact, easy-to-handle boxes, eliminating the hassle of traditional furniture shopping and delivery. Additionally, Burrow's sofas are made with durable, eco-friendly materials, such as sustainably sourced hardwood frames and recycled steel.



FIG 1.2.6 IMAGE OF BURROW

These are just a few examples of popular OTT platforms that have made a significant impact in the current generation of media consumption.

1.3 LITERATURE REVIEW

AUTHORS	TITLE	YEAR
Chen, L ACM Proceedings, SIGCPR.	Enticing Online Consumers: A Technology Acceptance Perspective Research-in-Progress	2002
Diwakar, H., Marathe, M. December, ACM SIGecom Exchanges, Volume 2 Issue 1	The architecture of a one-stop web-window shop	May 2002
Morrison, M., Morrison, J., and Keys, Communications of the ACM, Volume 45, Issue 9	A Integrating Web Sites and Databases	September 2002
Kubilus N. J, Crossroads, Volume 7 Issue 1	Designing an e-commerce site for users	2002
Norman, D.A. Doubleday, New York	The Design of Everyday Things	1994
Tilson.R, Dong.J, Martin, S, Kieke.E, Proceedings of the 16th annual International Conference on Computer Documentation	A comparison of two current e_commerce sites	Septeber 1998
Anderson, R., Francis, B., Homer, A., Howard, R., Sussman, D. and Watson	Professional ASP.NET. Wrox Press Ltd	2001
Walther .S	Active Server Pages. SAMS Net	1998

CHAPTER 2

SYSTEM ANALYSIS

A System Analysis Description for an E_COMMERCE WEBSITE involves a comprehensive overview of the system architecture, functionality, user interaction, data management, and integration with external services

Detailed explanation of the features offered by the E-COMMERCE WEBSITE. List of functionalities such as content, product catalog, personalized recommendation, multiple payment option and order tracking etc. Description of any unique or innovative features that differentiate the application from competitors.

2.1 SYSTEM ANALYSIS DESCRIPTION

A system analysis for an E-COMMERCE WEBSITE involves analyzing its components, functionalities, user interactions, and technical aspects. Here's a description:

1. **User Interface Analysis:** This involves evaluating the user interface design for ease of navigation, accessibility, and user engagement. It includes assessing the layout, visual elements, and user experience across different devices and screen sizes.
2. **Content Management System (CMS):** Analyzing the CMS involves understanding how content is uploaded, managed, categorized, and served to users. This includes features like content scheduling, metadata management, and content recommendation algorithms.
3. **User Authentication and Authorization:** Evaluating the authentication and authorization mechanisms to ensure secure access to the application's features and content. This includes user registration, login processes, and permission management for different user roles.
4. **Monetization Strategies:** Analyzing the monetization model, which may include subscription-based plans, advertising, pay-per-view, or a combination of these. This involves evaluating payment gateways, billing systems, and revenue tracking mechanisms.

5. Security and Privacy: Analyzing security measures to protect user data, content rights, and platform integrity. This includes encryption protocols, secure transmission channels, data, privacy policies, and compliance with regulatory requirements.

2.2 EXISTING SYSTEM

The existing system of an e-commerce website typically involves several interconnected components and processes that work together to facilitate online transactions and provide a seamless shopping experience for customers.

Overall, the existing system of an e-commerce website encompasses a complex network of interconnected components and functionalities designed to provide a secure, efficient, and user-friendly online shopping experience for customers while enabling administrators to manage products, orders, and customer interactions effectively.

In summary, the existing system of an e-commerce website encompasses a wide range of functionalities and capabilities designed to support the end-to-end process of online retailing, from product management and order processing to marketing and customer engagement. By leveraging advanced technology, robust infrastructure, and strategic business processes, e-commerce websites can deliver a seamless and personalized shopping experience that meets the needs and expectations of modern consumers while driving business growth and success.

2.3 PROPOSED SYSTEM

1.Enhanced User Experience: The proposed system focuses on enhancing the user experience by leveraging intuitive design principles, responsive layouts, and interactive elements. This includes streamlined navigation, optimized search functionality, personalized recommendations, and visually appealing product displays to engage and captivate users from the moment they land on the website.

2. Advanced Personalization: Building upon the foundation of user experience, the proposed system integrates advanced personalization techniques to deliver tailored shopping experiences for each customer. This involves analyzing user behavior, preferences, and demographics to offer personalized product recommendations, promotions, and content that resonate with individual interests and needs.

3. Seamless Omnichannel Integration: The proposed system emphasizes seamless omnichannel integration, enabling customers to transition seamlessly between online and offline channels while maintaining a consistent shopping experience. This includes features such as click-and-collect, in-store pickup, and unified inventory management to bridge the gap between digital and physical retail environments and provide customers with greater flexibility and convenience.

4. Enhanced Mobile Experience: Recognizing the growing importance of mobile commerce, the proposed system prioritizes the development of a mobile-first approach, ensuring optimal performance and usability across a wide range of mobile devices and screen sizes. This includes responsive design, fast loading times, and intuitive mobile interfaces tailored to the unique needs and behaviors of mobile shoppers.

5. Intelligent Automation: Leveraging artificial intelligence (AI) and machine learning (ML) technologies, the proposed system incorporates intelligent automation capabilities to streamline various aspects of the e-commerce workflow. This includes automated product recommendations, personalized marketing campaigns, dynamic pricing algorithms, and predictive analytics to optimize decision-making and drive business outcomes.

CHAPTER 3

SYSTEM REQUIREMENTS

The system requirements for an e-commerce website encompass various hardware, software, and functional specifications to ensure optimal performance, security, scalability, and usability.

3.1 SOFTWARE REQUIREMENTS

Software requirements are descriptions of the functions and constraints that a software system must satisfy. These requirements are typically gathered during the initial phases of software development and serve as a foundation for designing, implementing, and testing the software. Software requirements are typically documented in a Software Requirements Specification (SRS) document, which serves as a communication tool between stakeholders, including clients, developers, testers, and project managers. The SRS document ensures that everyone involved in the software development process has a clear understanding of what needs to be built and how it should function.

- Introduction to python
- django
- Database - sql

3.2 INTRODUCTION TO PYTHON

Python is a versatile, high-level programming language renowned for its simplicity, readability, and ease of use. Python has since become one of the most popular and widely used programming languages across various domains, including web development, data science, machine learning, artificial intelligence, automation, and more.

At its core, Python emphasizes readability and simplicity, making it an ideal choice for beginners and experienced developers alike. Its syntax is clean, concise, and easy to understand, with a minimalistic approach that focuses on expressing concepts clearly and intuitively.

One of Python's standout features is its extensive standard library, which provides a rich set of modules and packages for performing a wide range of tasks without the need for additional installations or third-party dependencies. This includes modules for working with files, networking, databases, regular expressions, mathematical operations, and much more, allowing developers to accomplish complex tasks with minimal effort.

Python's versatility extends to its support for multiple programming paradigms, including procedural, object-oriented, and functional programming. Developers can choose the most appropriate paradigm for their projects and leverage Python's flexibility to write clean, modular, and maintainable code.

Another key strength of Python is its vibrant and supportive community, which contributes to its ecosystem through open-source projects, libraries, frameworks, and extensive documentation. The Python Package Index (PyPI) hosts thousands of third-party packages that extend Python's capabilities and enable developers to build diverse applications quickly.

3.3 DJANGO:

It is a high-level Python web framework that enables rapid development of secure and scalable web applications. It follows the MVC (Model-View-Controller) architectural pattern, emphasizing the "don't repeat yourself" (DRY) principle and promoting clean, pragmatic design. Django provides built-in features for authentication, URL routing, database modeling, templating, and more, streamlining the development process. Its robust security features, extensive documentation, and active community make it a popular choice for building complex web applications.

Django is a comprehensive web framework written in Python, designed to facilitate the development of robust and maintainable web applications. With its "batteries-included" philosophy, Django provides developers with a wide range of built-in features and tools, reducing the need for third-party dependencies and enabling faster development cycles. Its clean and pragmatic design, based on the MVC architectural pattern, promotes code reusability, readability, and maintainability. Django's ORM abstracts database interactions, allowing developers to focus on application logic rather than low-level database operations. The framework's built-in admin interface simplifies content management tasks, while its template engine facilitates the creation of dynamic and responsive user interfaces. Additionally, Django prioritizes security, offering protection against common web vulnerabilities out of the box. Its scalability and versatility make it suitable for projects of all sizes, from small-scale applications to enterprise-level systems. Supported by a vibrant community and extensive documentation, Django continues to be a top choice for web development projects seeking efficiency, reliability, and scalability.

3.4 SQL

Structured Query Language (SQL) is a powerful and standardized programming language used for managing and manipulating relational databases. SQL provides a comprehensive set of commands for querying, updating, inserting, and deleting data from databases, as well as for managing the structure of databases themselves. Its versatility and ease of use make it a fundamental tool for developers, database administrators, and data analysts alike.

At its core, SQL operates through a set of key concepts. The SELECT statement is perhaps the most widely used, allowing users to retrieve specific data from one or more tables based on defined criteria. SQL also supports data manipulation through commands such as INSERT, UPDATE, and DELETE, enabling users to modify existing data or add new records to a database.

Furthermore, SQL provides mechanisms for defining the structure of a database, including the creation, modification, and deletion of tables, indexes, and constraints. Commands like CREATE TABLE, ALTER TABLE, and DROP TABLE are essential for designing and managing the schema of a database.

SQL is not only a querying language but also a declarative language, meaning users specify what data they want rather than how to retrieve it. This abstraction allows SQL to be highly efficient, as it enables the database management system (DBMS) to optimize query execution based on its internal algorithms and data structures.

Moreover, SQL is not limited to simple data retrieval and manipulation tasks. It also supports advanced features such as joins, subqueries, and aggregate functions, which allow users to perform complex analyses and generate valuable insights from their data. Additionally, SQL supports transaction management, concurrency control, and security mechanisms to ensure data integrity and protect sensitive information.

In summary, SQL is a foundational technology in the field of data management, providing a powerful and standardized means of interacting with relational databases. Its rich set of features, ease of use, and widespread adoption make it an indispensable tool for anyone working with data in today's digital world.

CHAPTER 4

SYSTEM DESIGN

Interfaces, and data for a software system to satisfy specified requirements. It involves making decisions about how the system will be structured and how its components will interact with each other to achieve the desired functionality, performance, reliability, scalability, and other quality attributes. Overall, system design is a critical phase in the software development lifecycle, laying the foundation for building a robust, scalable, and maintainable software system that meets the needs of its users and stakeholders. It requires careful analysis, planning, and decision-making to ensure that the system architecture and design align with the requirements and objectives of the project.

1.Architecture: System design begins with defining the overall architecture of the software system, including high-level components, their responsibilities, and the relationships between them. This may involve selecting appropriate architectural styles (e.g., client-server, microservices, event-driven) and patterns to meet the system's requirements.

2.Components and Modules: System designers identify the various components and modules that will make up the system and define their functionalities and interfaces. Components may include user interfaces, business logic, data access layers, external integrations, and more.

3.Data Design: System designers specify how data will be structured, stored, accessed, and managed within the system. This includes designing databases, data models, schemas, data access mechanisms, caching strategies, and data synchronization mechanisms.

4.Interfaces and APIs: System design involves defining the interfaces and APIs through which different components of the system will interact with each other. This includes specifying the methods, protocols, data formats, and communication mechanisms used for inter-component communication.

4.1 SYSTEM ARCHITECTURE

Presentation Layer: This layer is the user interface where customers interact with the website. It includes the website's frontend components such as HTML, CSS, JavaScript, and any frontend frameworks or libraries used for building responsive and interactive user interfaces.

Application Layer: The application layer contains the business logic and functionality of the e-commerce website. It includes server-side scripting languages like Python (using frameworks like Django or Flask), Ruby (with Rails), PHP (with Laravel or Symfony), or JavaScript (with Node.js). This layer handles tasks such as user authentication, product catalog management, shopping cart functionality, order processing, and integration with payment gateways.

Data Layer: The data layer manages the storage and retrieval of data used by the e-commerce website. It typically involves a relational database management system (RDBMS) like MySQL, PostgreSQL, or SQL Server to store structured data such as customer information, product details, orders, and transactions. Additionally, it may include other data stores like NoSQL databases (e.g., MongoDB, Redis) for caching, session management, or handling unstructured data.

Integration Layer: The integration layer facilitates communication between different components of the e-commerce system and with external services. This layer may involve APIs.

4.2 ARCHITECTURE DIAGRAM

An architecture diagram, also known as a system architecture diagram or software architecture diagram, is a visual representation that illustrates the high-level structure and components of a software system or application. It provides a graphical overview of the system's architecture, including its major components, interactions, dependencies, and relationships. In the context of e-commerce website, an architecture diagram illustrates the structural components and interactions within the software system responsible for delivering media content over the internet. It provides a visual representation of how various components and services work together to facilitate content delivery, user interaction, and system operation in an e-commerce environment.

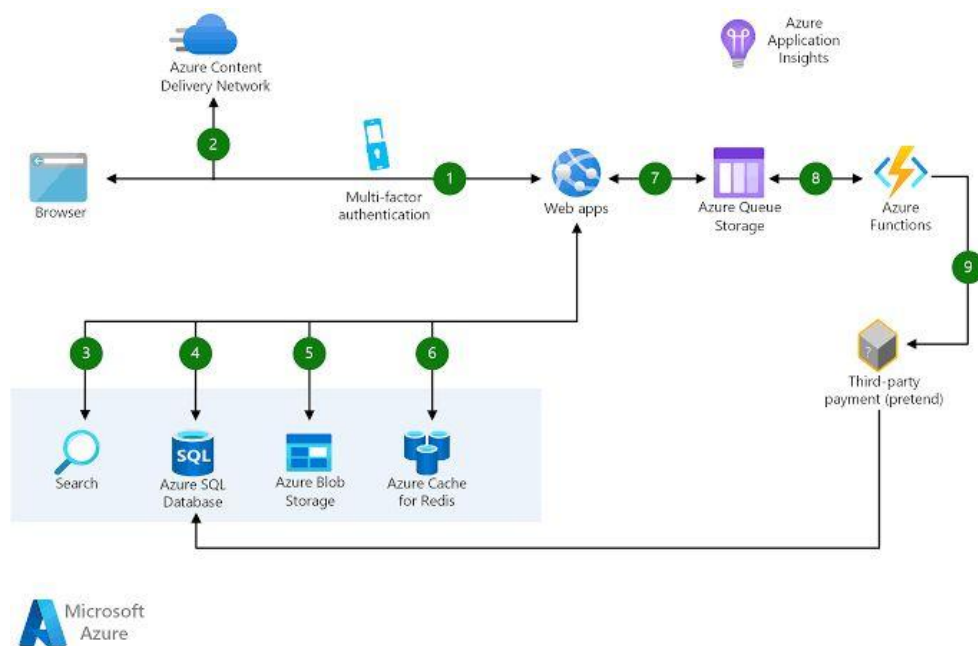


FIG 4.2.1 ARCHITECTURE DIAGRAM

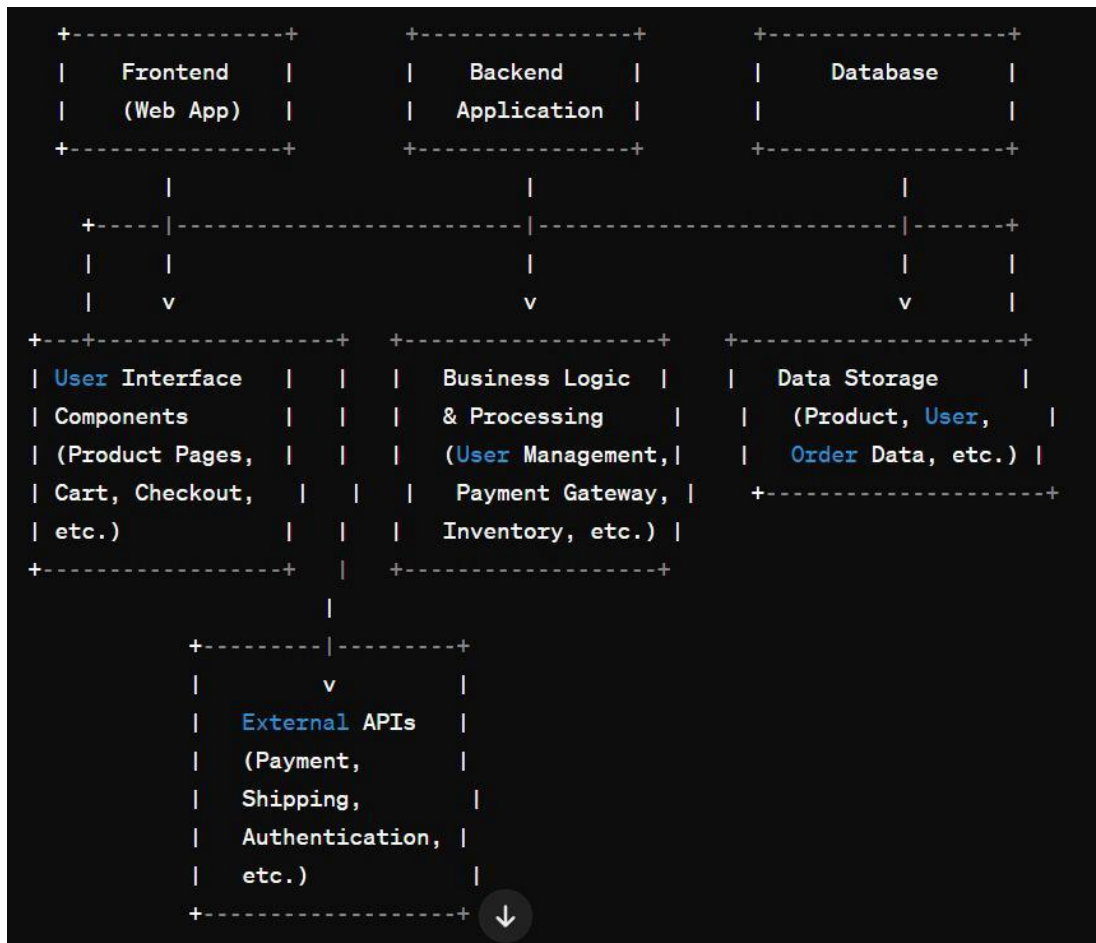


FIG 4.2.2 ARCHITECTURE DIAGRAM FOR E COMMERCE WEBSITE

4.3 ER DIAGRAM

Creating a complete Entity-Relationship (ER) diagram for an Over-The-Top (OTT) application would require a detailed understanding of the application's specific requirements, data model, and business logic. ER diagram provides a basic representation of the entities and relationships involved in an OTT application. However, in a real-world scenario, the data model could be more complex, incorporating additional entities, attributes, and relationships to accommodate specific features and functionalities of the application. Additionally, aspects such as user authentication, authorization, payment processing, and content delivery may also be part of the overall system architecture but are not included in this simplified ER diagram.

Below mentioned slide illustrates ecommerce database entity relationship diagram which the businesses can use to make data flow more efficient. It also provides systematized overview of various entities like customer, company, shipping, shopping cart etc.

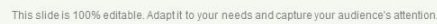


FIG 4.3.1 ER DIGRAM 1

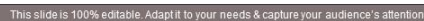


FIG 4.3.2 ER DIGRAM 2

CHAPTER 5

SYSTEM TESTING

Testing is a process of evaluating a system or application to identify any discrepancies between expected and actual behavior. It involves executing the software with the intent of finding defects or errors. Testing ensures that the software meets specified requirements and functions correctly in various scenarios. It helps identify bugs early in the development lifecycle, reducing the risk of costly errors in production. Testing encompasses various activities such as planning, designing test cases, executing tests, analyzing results, and reporting defects. Overall, testing aims to improve the quality, reliability, and performance of software products

Functional Testing:

Test all features and functionalities of the app, including:

- Account creation/login/logout
- Browsing/searching for content
- Push notifications (if applicable)
- Offline viewing/download functionality (if applicable)

CHAPTER 6

CONCLUSION

In conclusion, the architecture of an e-commerce website is a complex yet well-structured system designed to provide a seamless shopping experience for customers while ensuring efficient management and operation of the online store.

Key components such as the client-side interface, web server, application server, database server, content delivery network (CDN), payment gateway, inventory management system, order management system, analytics, and reporting, as well as external APIs and services, work together harmoniously to fulfill various functions.

Overall, the architecture of an e-commerce website is designed to create a seamless, secure, and efficient online shopping experience for customers while supporting the needs of the business behind the scenes. Through careful design and integration of various components, e-commerce websites can meet the demands of today's digital marketplace and drive success for businesses of all sizes.

CHAPTER 7

FUTURE ENHANCEMENT AND FEATURES

Future of an e-commerce website platform holds numerous opportunities for expansion, innovation, and increased engagement

1. Augmented Reality (AR) and Virtual Reality (VR) Experiences:

Implementing AR and The VR technologies to offer immersive experiences, allowing users to virtually explore historical sites, artifacts, and events related to the Ottoman Empire. This could include interactive tours of palaces, mosques, and bazaars, providing users with a deeper understanding of Ottoman culture and architecture.

2. Personalized Learning Paths:

Utilizing machine learning algorithms to create personalized learning paths for users based on their interests, knowledge level, and learning preferences. This could involve recommending specific articles, videos, and interactive activities tailored to each user's unique profile, enhancing the learning experience and fostering deeper engagement.

3. Global Collaborative Research Network:

Establishing a global collaborative research network connecting scholars, students, and enthusiasts interested in Ottoman studies. This network could facilitate collaborative research projects, virtual conferences, and knowledge exchange, enabling interdisciplinary collaboration and advancing scholarship in the field

Features:

- Expert review
- Playlist
- Room with friends

Expert review:

This feature is for the users who need to know about the movie before he/she watches the movie, this feature helps the user to know well about the movie, this is like telling the story line of the film and this helps the users who can't understand the movie so by watching the review by except they can understand the storyline of the movie. Film, according to

experts, is a creative form of artistic expression that allows for the exploration of various human issues and emotions. It is a medium that induces unique emotional and cognitive experiences for both the creator and the audience

Playlist:

You can create your own playlist in this application. A playlist is used to share your list of recommendations to your friends, so they can also enjoy the movies and they can also recommend movies for you through their playlist. On this platform, a playlist can be a list of chapters in a movie series; for example, Flash Gordon in the Planet Mongo is available on YouTube as a playlist of thirteen consecutive video chapters. A playlist is just a list of movies or videos. It's a word that started out in radio stations – the 'playlist' was all the tracks that were to be played that day on the show

Room with friends:

Your Personal Meeting Room is a virtual meeting room permanently reserved for you that you can access with your Personal Meeting ID (PMI) or personal link, if applicable. These Rooms can leverage a variety of display, compute, audio, camera, capture, room control and touch display controller devices to join and manage meetings with integrated HD audio and video.

CHAPTER 8

APPENDIX

8.1 CODING

```
{
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  "version": "0.1.0",
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        "@jridgewell/trace-mapping": "^0.3.9"
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      "requires": {
        "json-schema": "^0.4.0",
        "jsonpointer": "^5.0.0",
        "leven": "^3.1.0"
      }
    },
    "@babel/code-frame": {
      "version": "7.16.7",
      "resolved": "https://registry.npmjs.org/@babel/code-frame/-/code-frame-7.16.7.tgz",
      "integrity": "sha512-iAXqUn8IleBTNd72xsFlgaXHkMBMt6y4HJp1tlaK465CWLT/fG1aqB7ykr95gHHmlBdGbFeWWfyB4NJJ0nmeIg==",
      "requires": {

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    "@babel/highlight": "^7.16.7"
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  "@babel/compat-data": {
    "version": "7.17.10",
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  "@babel/core": {
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    "resolved": "https://registry.npmjs.org/@babel/core/-/core-7.18.2.tgz",
    "integrity": "sha512-A8pri1YJiC5UnkdrWcmfZTJTV85b4UXTAfImGmCfYmax4TR9Cw8sDS0MOk++Gp2mE/
    BefVJ5nwy5yzqNJbP/DQ==",
    "requires": {
      "@ampproject/remapping": "^2.1.0",
      "@babel/code-frame": "^7.16.7",
      "@babel/generator": "^7.18.2",
      "@babel/helper-compilation-targets": "^7.18.2",
      "@babel/helper-module-transforms": "^7.18.0",
      "@babel/helpers": "^7.18.2",
      "@babel/parser": "^7.18.0",
      "@babel/template": "^7.16.7",
      "@babel/traverse": "^7.18.2",
      "@babel/types": "^7.18.2",
      "convert-source-map": "^1.7.0",
      "debug": "^4.1.0",
      "gensync": "^1.0.0-beta.2",
      "json5": "^2.2.1",
      "semver": "^6.3.0"
    },
    "dependencies": {
      "semver": {
        "version": "6.3.0",
        "resolved": "https://registry.npmjs.org/semver/-/semver-6.3.0.tgz",
        "integrity": "sha512-b39TBaTSfV6yBrapU89p5fKekE2m/NwnDocOVruQFS1/veMgdzuPcnOM34M6CwxW8jH/
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      }
    }
  },
  "@babel/eslint-parser": {

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    "requires": {
      "eslint-scope": "^5.1.1",
      "eslint-visitor-keys": "^2.1.0",
      "semver": "^6.3.0"
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    "dependencies": {
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        "requires": {
          "esrecurse": "^4.3.0",
          "estraverse": "^4.1.1"
        }
      },
      "eslint-visitor-keys": {
        "version": "2.1.0",
        "resolved": "https://registry.npmjs.org/eslint-visitor-keys/-/eslint-visitor-keys-2.1.0.tgz",
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      },
      "semver": {
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        "resolved": "https://registry.npmjs.org/semver/-/semver-6.3.0.tgz",
        "integrity": "sha512-b39Tb4RT8jE8odfgoU2kNnSfUw36gXlfaX8dClXGB3p1w/PqKsTl08cr71u4yV9qpEHVas8BzPuSj246LCq="
      }
    }
  }
}

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    },
    "@babel/generator": {
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      "requires": {
        "@babel/types": "^7.18.2",
        "@jridgewell/gen-mapping": "^0.3.0",
        "jsesc": "^2.5.1"
      }
    },
    "dependencies": {
      "@jridgewell/gen-mapping": {
        "version": "0.3.1",
        "resolved": "https://registry.npmjs.org/@jridgewell/gen-mapping/-/gen-mapping-
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        "integrity": "sha512-GcHwniMlA2z+WFPWuY8lp3fsza0I8xPFMWL5+n8LYyP6PSvPrXf4+n8stDHZY2DM0zy9
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        "requires": {
          "@jridgewell/set-array": "^1.0.0",
          "@jridgewell/sourcemap-codec": "^1.4.10",
          "@jridgewell/trace-mapping": "^0.3.9"
        }
      }
    }
  },
  "@babel/helper-annotate-as-pure": {
    "version": "7.16.7",
    "resolved": "https://registry.npmjs.org/@babel/helper-annotate-as-pure/-/helper-annotate-
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    "integrity": "sha512-s6t2w/IPQVTAET1HitoowRGXooX8mCgtuP5195wD/QJPV6wYjpujCGF7JuMODVX2ZAJ
Of1GT6DT9MHEZvLOFSw==",
    "requires": {
      "@babel/types": "^7.16.7"
    }
  },
  "@babel/helper-builder-binary-assignment-operator-visitor": {
    "version": "7.16.7",
    "resolved": "https://registry.npmjs.org/@babel/helper-builder-binary-assignment-operator-
visitor/-/helper-builder-binary-assignment-operator-visitor-7.16.7.tgz",

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    "requires": {
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      "@babel/types": "^7.16.7"
    }
  },
  "@babel/helper-compilation-targets": {
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moJta0iaank/rQ==",
    "requires": {
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      "@babel/helper-validator-option": "^7.16.7",
      "browserslist": "^4.20.2",
      "semver": "^6.3.0"
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    "dependencies": {
      "semver": {
        "version": "6.3.0",
        "resolved": "https://registry.npmjs.org/semver/-/semver-6.3.0.tgz",
        "integrity": "sha512-
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xEa5rBoDeUwu5HHTw=="
      }
    }
  },
  "@babel/helper-create-class-features-plugin": {
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    "resolved": "https://registry.npmjs.org/@babel/helper-create-class-features-plugin/-/helper-
create-class-features-plugin-7.18.0.tgz",
    "integrity": "sha512-
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+LTmThLuVX0Pg==",
    "requires": {
      "@babel/helper-annotate-as-pure": "^7.16.7",
      "@babel/helper-environment-visitor": "^7.16.7",
      "@babel/helper-function-name": "^7.17.9",
      "@babel/helper-member-expression-to-functions": "^7.17.7",
      "@babel/helper-optimise-call-expression": "^7.16.7",

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    "@babel/helper-replace-supers": "^7.16.7",
    "@babel/helper-split-export-declaration": "^7.16.7"
  },
  "@babel/helper-create-regexp-features-plugin": {
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    "resolved": "https://registry.npmjs.org/@babel/helper-define-polyfill-provider/-/helper-define-polyfill-provider-0.3.1.tgz",
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    "requires": {
      "@babel/helper-compilation-targets": "^7.13.0",
      "@babel/helper-module-imports": "^7.12.13",
      "@babel/helper-plugin-utils": "^7.13.0",
      "@babel/traverse": "^7.13.0",
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      "lodash.debounce": "^4.0.8",
      "resolve": "^1.14.2",
      "semver": "^6.1.2"
    },
    "dependencies": {
      "semver": {
        "version": "6.3.0",
        "resolved": "https://registry.npmjs.org/semver/-/semver-6.3.0.tgz",
        "integrity": "sha512-b39TBaTSfV6yBrapU89p5fKekE2m/NwnDocOVruQFS1/veMgdzuPcnOM34M6CwxW8jH/lxEa5rBoDeUwu5HHTw=="
      }
    }
  },
  "@babel/helper-environment-visitor": {

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  },
  "@babel/helper-explode-assignable-expression": {
    "version": "7.16.7",
    "resolved": "https://registry.npmjs.org/@babel/helper-explode-assignable-expression/-/helper-explode-assignable-expression-7.16.7.tgz",
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    "requires": {
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  "@babel/helper-function-name": {
    "version": "7.17.9",
    "resolved": "https://registry.npmjs.org/@babel/helper-function-name/-/helper-function-name-7.17.9.tgz",
    "integrity": "sha512-7cRisGIVtiVqZ0MW0/yFB4atgpGLWEHUVYnb448hZK4x+vih0YO5UoS11XIYtZYqHd0dIPMdUSv8q5K4LdMnIg==",
    "requires": {
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      "@babel/types": "^7.17.0"
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    }
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  "@babel/helper-member-expression-to-functions": {
    "version": "7.17.7",

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    "requires": {
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  "@babel/helper-module-transforms": {
    "version": "7.18.0",
    "resolved": "https://registry.npmjs.org/@babel/helper-module-transforms/-/helper-module-
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    MQsS+HTQAgZd3dMEA==",
    "requires": {
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      "@babel/helper-module-imports": "^7.16.7",
      "@babel/helper-simple-access": "^7.17.7",
      "@babel/helper-split-export-declaration": "^7.16.7",
      "@babel/helper-validator-identifier": "^7.16.7",
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      "@babel/types": "^7.18.0"
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  "@babel/helper-optimise-call-expression": {
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    "resolved": "https://registry.npmjs.org/@babel/helper-optimise-call-expression/-/helper-
    optimise-call-expression-7.16.7.tgz",

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    "requires": {
      "@babel/types": "^7.16.7"
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    "@babel/helper-plugin-utils": {
      "version": "7.17.12",
      "resolved": "https://registry.npmjs.org/@babel/helper-plugin-utils/-/helper-plugin-utils-
      7.17.12.tgz",
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      x0oiWF/nw/XQKA==",
    },
    "@babel/helper-remap-async-to-generator": {
      "version": "7.16.8",
      "resolved": "https://registry.npmjs.org/@babel/helper-remap-async-to-generator/-/helper-
      remap-async-to-generator-7.16.8.tgz",
      "integrity": "sha512-
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      KxrMBUPElPxiiIvBw==",
      "requires": {
        "@babel/helper-annotate-as-pure": "^7.16.7",
        "@babel/helper-wrap-function": "^7.16.8",
        "@babel/types": "^7.16.8"
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    "@babel/helper-replace-supers": {
      "version": "7.18.2",
      "resolved": "https://registry.npmjs.org/@babel/helper-replace-supers/-/helper-replace-
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      "requires": {
        "@babel/helper-environment-visitor": "^7.18.2",
        "@babel/helper-member-expression-to-functions": "^7.17.7",
        "@babel/helper-optimise-call-expression": "^7.16.7",
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    },
    "@babel/helper-simple-access": {

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  },
  "@babel/helper-skip-transparent-expression-wrappers": {
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    "resolved": "https://registry.npmjs.org/@babel/helper-skip-transparent-expression-wrappers/-/helper-skip-transparent-expression-wrappers-7.16.0.tgz",
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    "requires": {
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    },
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  "@babel/helper-split-export-declaration": {
    "version": "7.16.7",
    "resolved": "https://registry.npmjs.org/@babel/helper-split-export-declaration/-/helper-split-export-declaration-7.16.7.tgz",
    "integrity": "sha512-xbWoy/PFOxSWazIToT9Sif+jJTlrmcndIsaOKvTA6u7QEo7ilkRZpjew18/W3c7nm8fXdUDXh02VXTbZ0pGDNw==",
    "requires": {
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  "@babel/helper-validator-identifier": {
    "version": "7.16.7",
    "resolved": "https://registry.npmjs.org/@babel/helper-validator-identifier/-/helper-validator-identifier-7.16.7.tgz",
    "integrity": "sha512-hsEnFemeiW4D08A5gUAZxLBTXpZ39P+a+DGDsHw1yxqyQ/jzFEnxf5uTEGp+3bzAbNOxU1paTgYS4ECU/IgfDw==",
  },
  "@babel/helper-validator-option": {
    "version": "7.16.7",
    "resolved": "https://registry.npmjs.org/@babel/helper-validator-option/-/helper-validator-option-7.16.7.tgz",

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  },
  "@babel/helper-wrap-function": {
    "version": "7.16.8",
    "resolved": "https://registry.npmjs.org/@babel/helper-wrap-function/-/helper-wrap-
function-7.16.8.tgz",
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    "requires": {
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      "@babel/template": "^7.16.7",
      "@babel/traverse": "^7.16.8",
      "@babel/types": "^7.16.8"
    }
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  "@babel/helpers": {
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    "resolved": "https://registry.npmjs.org/@babel/helpers/-/helpers-7.18.2.tgz",
    "integrity": "sha512-
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    "requires": {
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      "@babel/traverse": "^7.18.2",
      "@babel/types": "^7.18.2"
    }
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  "@babel/highlight": {
    "version": "7.17.12",
    "resolved": "https://registry.npmjs.org/@babel/highlight/-/highlight-7.17.12.tgz",
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yrwsOh8PL9Sn8Qg==",
    "requires": {
      "@babel/helper-validator-identifier": "^7.16.7",
      "chalk": "^2.0.0",
      "js-tokens": "^4.0.0"
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  "@babel/parser": {
    "version": "7.18.4",

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  },
  "@babel/plugin-bugfix-safari-id-structuring-collision-in-function-expression": {
    "version": "7.17.12",
    "resolved": "https://registry.npmjs.org/@babel/plugin-bugfix-safari-id-structuring-collision-in-function-expression/-/plugin-bugfix-safari-id-structuring-collision-in-function-expression-7.17.12.tgz",
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    "requires": {
      "@babel/helper-plugin-utils": "^7.17.12"
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      "@babel/helper-skip-transparent-expression-wrappers": "^7.16.0",
      "@babel/plugin-proposal-optional-chaining": "^7.17.12"
    }
  },
  "@babel/plugin-proposal-async-generator-functions": {
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    "resolved": "https://registry.npmjs.org/@babel/plugin-proposal-async-generator-functions/-/plugin-proposal-async-generator-functions-7.17.12.tgz",
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      "@babel/helper-remap-async-to-generator": "^7.16.8",
      "@babel/plugin-syntax-async-generators": "^7.8.4"
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  },
  "@babel/plugin-proposal-class-properties": {

```

```

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      "@babel/helper-plugin-utils": "^7.17.12"
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      "@babel/helper-plugin-utils": "^7.17.12",
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      "@babel/helper-split-export-declaration": "^7.16.7",
      "@babel/plugin-syntax-decorators": "^7.17.12",
      "charcodes": "^0.2.0"
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```

```

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}

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```

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```

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  "@babel/plugin-syntax-export-namespace-from": {
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```

```
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},
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8.2 SCREENSHOTS

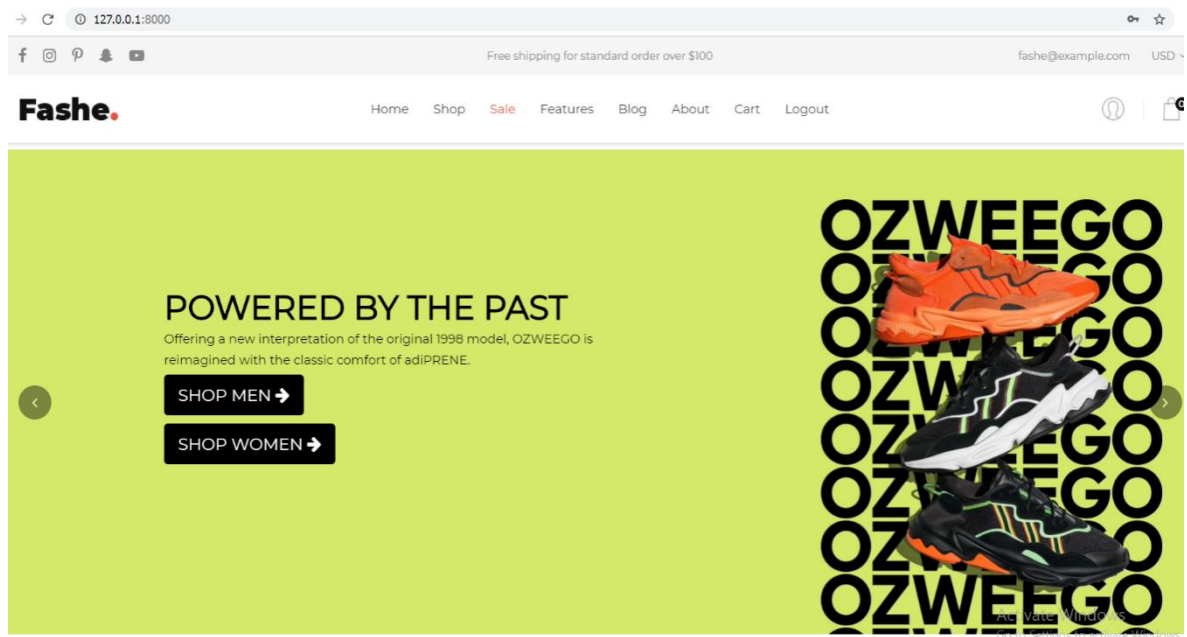


FIG 9.2.1 HOME PAGE



[SHOP](#)
[SIGNIN](#)


Already have an account!

Sign in with your email and password

SIGNIN

GOOGLE SIGNIN

Don't have an account?

Sign up with your email and password

SIGN UP

FIG 9.2.2 LOGIN PAGE

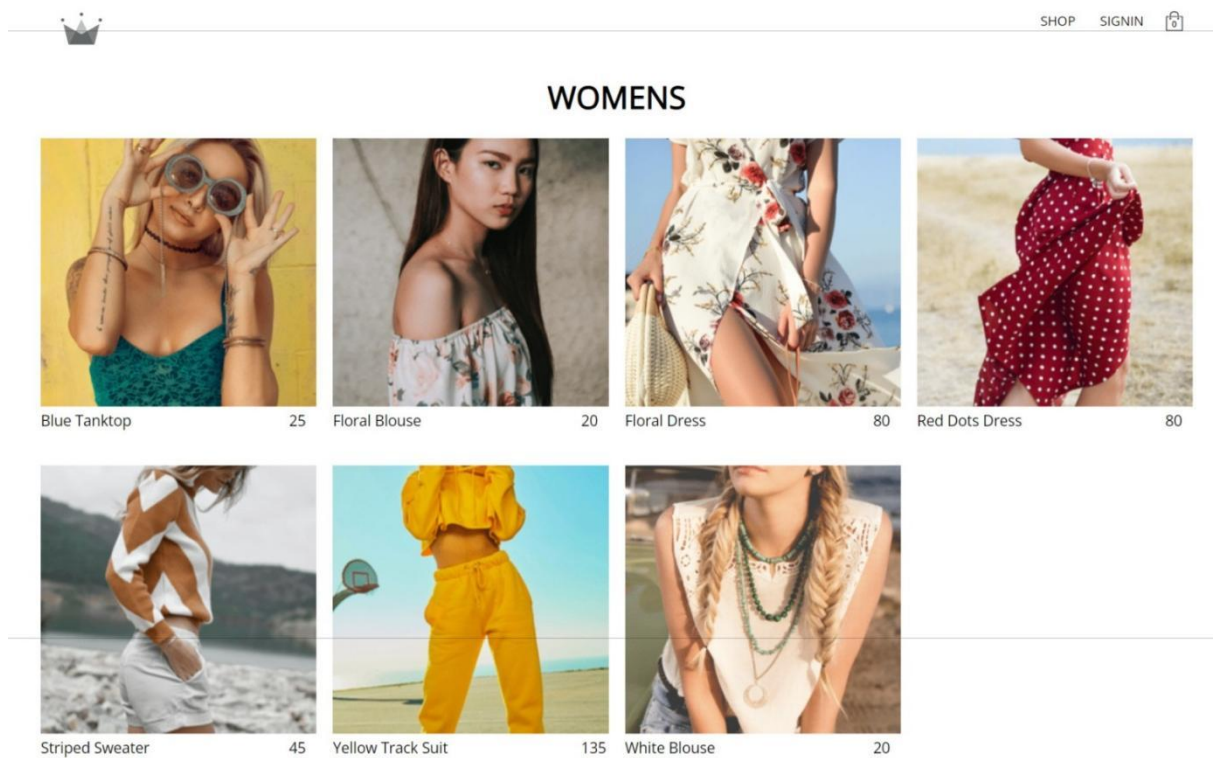
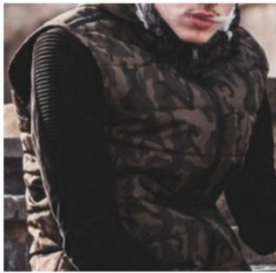


FIG 9.2.3 DASHBOARD PAGE (1)



MENS



Camo Down Vest 325



Floral T-shirt 20



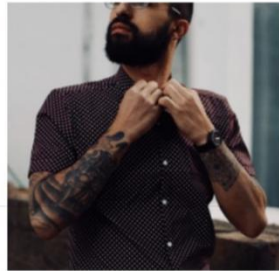
Black & White Longsleeve 25



Pink T-shirt 25



Jean Long Sleeve 40



Burgundy T-shirt 25

FIG 9.2.4 DASHBOARD PAGE (2)



HATS



Brown Brim 25



Blue Beanie 18



Brown Cowboy 35



Grey Brim 25



Green Beanie 18



Palm Tree Cap 14



Red Beanie 18



Wolf Cap 14



Blue Snapback 16

FIG 9.2.5 DASHBOARD PAGE (3)

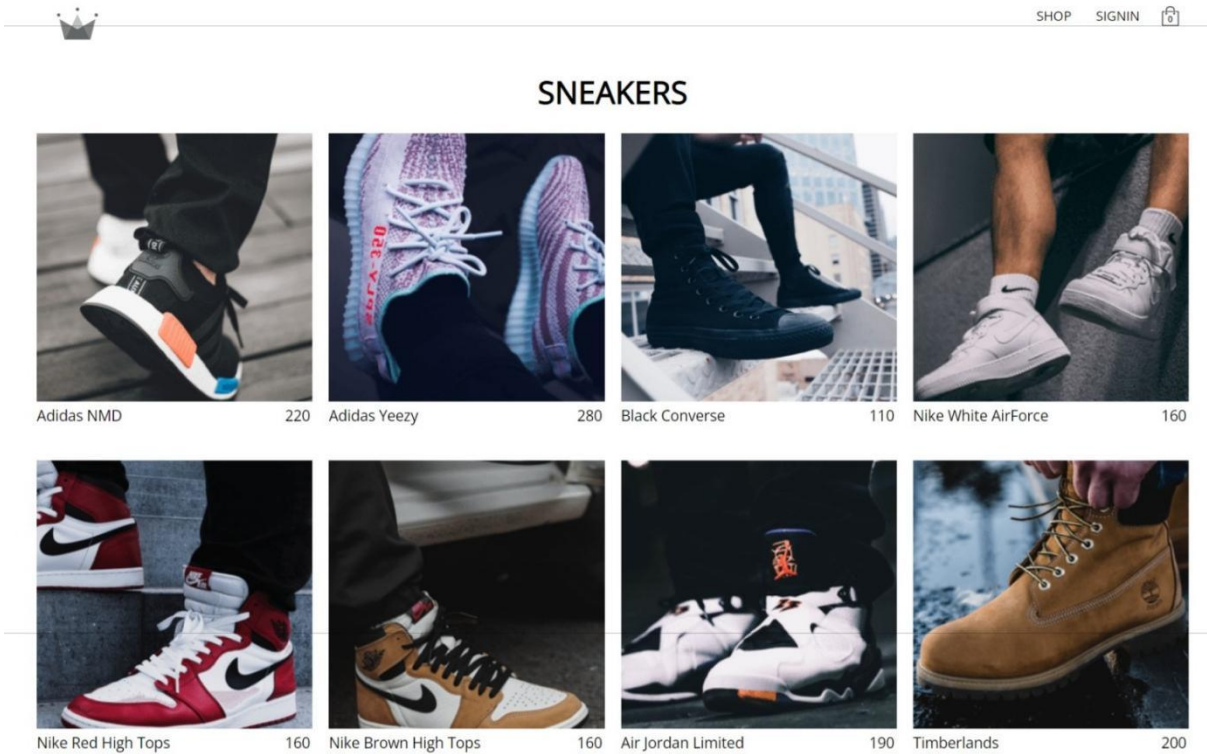


FIG 9.2.6 DASHBOARD (4)

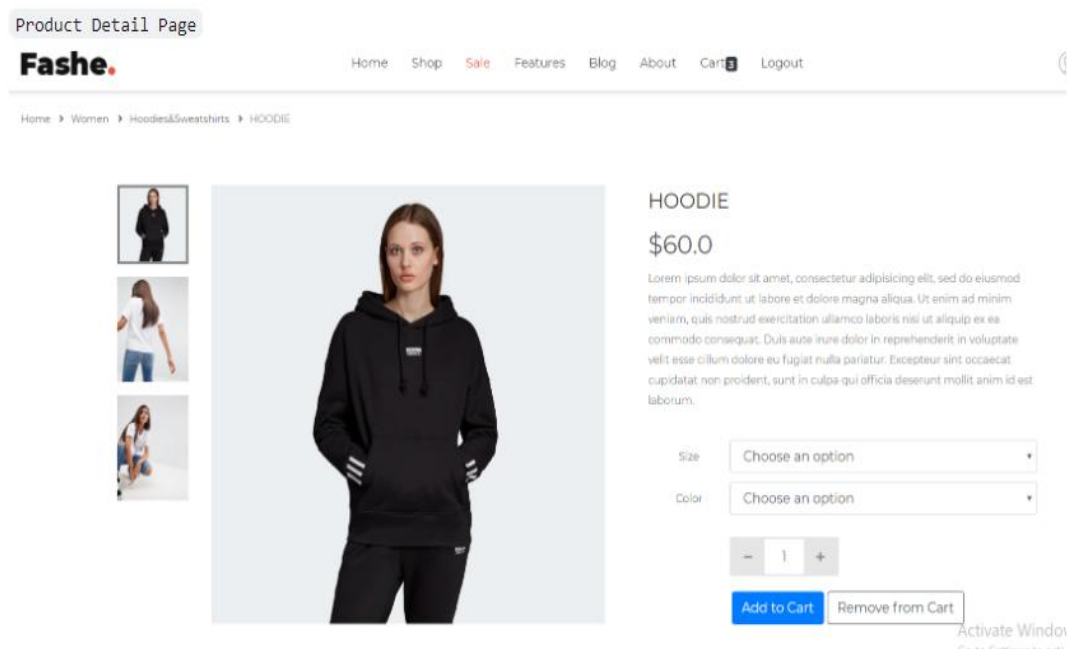


FIG 9.2.7 CART PAGE

Fashe.

[Home](#)
[Shop](#)
[Sale](#)
[Features](#)
[Blog](#)
[About](#)
[Cart3](#)
[Logout](#)

Billing address

Address

InnYa Street

Address 2 (Optional)

Pearl Condo

Country

Myanmar

City

Yangon

Zip

11241

☒ Shipping address is the same as my billing address
 ☐ Save this information for next time

Payment

☒ Stripe
 ☐ PayPal

Continue to checkout

Your cart3

TLRD TEE quantity: 1	\$30.0
HOODIE quantity: 1	\$60.0
CROPPED HOODIE quantity: 1	\$65.0
Promo code	-\$
Total (USD)	\$155.0

Promo code

Redeem

Activate Wind

Go to Settings to ac

FIG 9.2.8 CHECKOUT PAGE

e.

[Home](#)
[Shop](#)
[Sale](#)
[Features](#)
[Blog](#)
[About](#)
[Cart3](#)
[Logout](#)

Payment form

Credit or debit card

3530 1113 3330 0000

02 / 23 242

Submit Payment

☐ Save for future purchases

Your cart3

TLRD TEE quantity: 1	\$30.0
HOODIE quantity: 1	\$60.0
CROPPED HOODIE quantity: 1	\$65.0
Promo code	-\$
Total (USD)	\$155.0

FIG 9.2.9 PAYMENT PAGE

52

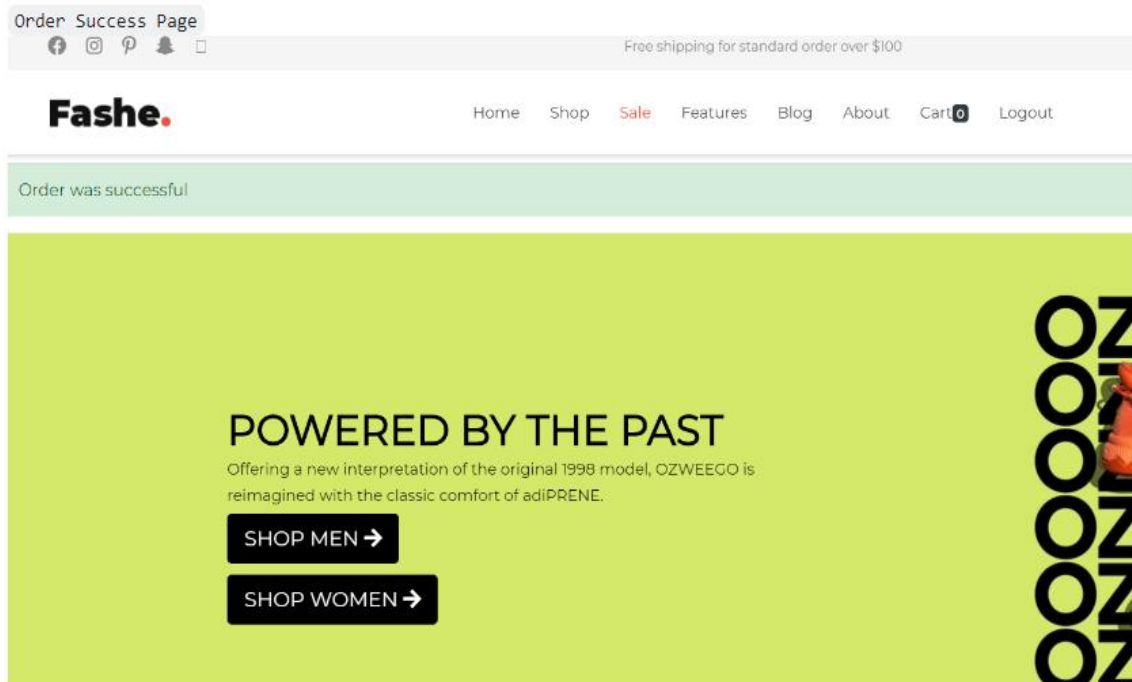


FIG 9.2.10 SUCCESS PAGE