

## THE EFFECTIVENESS OF CUSTOMER SERVICE ON DIGITAL PUBLISHING

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**Purpose:** This study focuses on identifying trends and barriers in the effectiveness of customer service on digital publishing platforms. Through a series of rigorous academic and industry literature analyses, this study aims to bridge the knowledge gap by providing a comprehensive understanding of customer service in this area.

**Design/methodology/approach:** Boolean operators and relevant keywords were used to search academic databases. Articles and reports from 2010-2024 were selected based on specific criteria. Data on customer service models, trends, and challenges were extracted and qualitatively analyzed to identify key patterns, presented through narrative synthesis.

**Findings:** The study revealed main customer service trends on digital publishing platforms, including proactive support, self-service knowledge bases, AI chatbots, personalized interactions, and universal service models. Key barriers included scaling difficulties, diverse customer needs, data privacy issues, integration challenges, maintaining human touch in automation, and DRM-related concerns. Efficiency was assessed using CSAT, NPS, AHT, FCR, CES, and churn rate.

**Research limitations/implications:** Limitations of the study included focusing on English-language publications, restricted access to confidential industry information. The effectiveness of the search strategy was inherently dependent on the keywords and search strings used. The qualitative nature of synthesis precludes efficiency measurement using quantitative criteria. Further empirical research is needed, particularly case studies on specific AI implementations, quantitative studies on personal help impact, and cross-cultural customer service expectation comparisons.

**Practical implications:** Digital publishers should invest in advanced analytics, expand DRM- and device-focused self-service resources, implement intelligent chatbots with escalation options, strengthen CRM systems, train staff for diverse users, and ensure data privacy through clear policies and strong cybersecurity. The study highlights how digital connections reshape interaction, autonomy, and privacy, emphasizing the need to maintain empathy in technologically advanced support systems.

**Originality/value:** This study enhances educational knowledge of customer service in a specific digital publication field by providing a focused comparative analysis and practical suggestions for improving customer service tactics, which can foster client loyalty and sustain growth in this rapidly evolving sector.

**Keywords:** Customer Service, Digital Publishing, Digital Rights Management (DRM).

**Category of the paper:** Advanced Literature Study.

## 1. Introduction

The introduction should specify the research methodology and hypotheses, define the study's purpose and significance, and highlight the novelty of its findings. The current version has been shortened for clarity and focus. A portion of the methodological content has been moved to the *Methods* section.

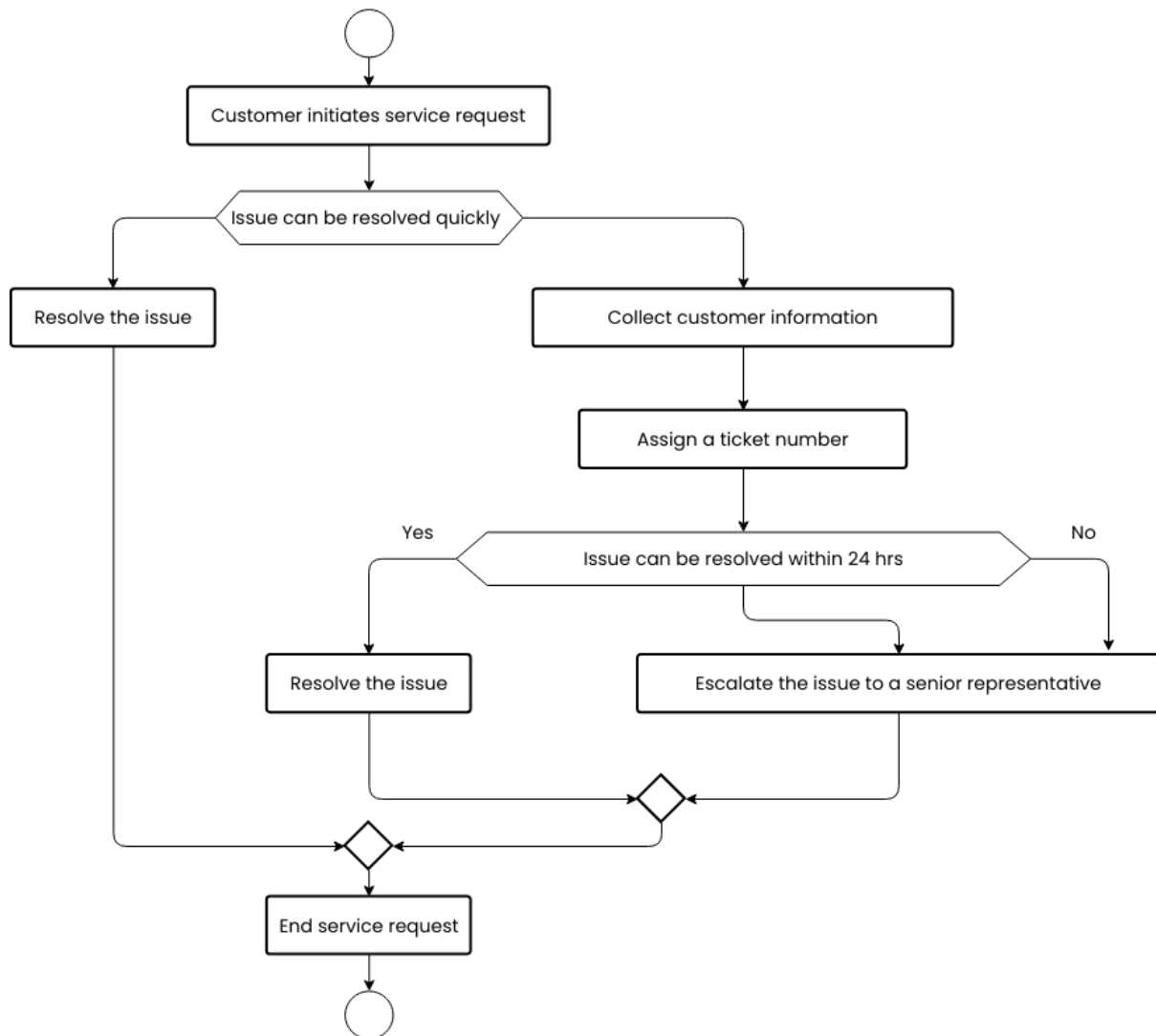
There has been growing consumer demand for instant access to digital content. According to *Market.us* (2025) and *ResearchAndMarkets* (n.d.), the global digital publishing market is projected to reach **\$248 billion by 2034**, with a **CAGR of 9.8%**. Technological advancements and widespread internet access are the main drivers of this growth. North America remains the leading market in news, education, and entertainment.

In the digital era, customer satisfaction and retention are crucial to business success. *Zendesk* (2025) notes that even a single negative experience can cause consumers to switch to competitors, whereas strong satisfaction fosters loyalty and repeat purchases. Retaining clients enhances customer lifetime value (CLV), brand reputation, and revenue stability (*NotifyVisitors*, 2024; *Thinkific*, 2025).

Customer service has evolved from basic support to a strategic component of business, emphasizing personalized, omnichannel interactions (*Altitude Internet*, 2024; *Reply*, n.d.). Organizations now use live chat, social media, email, and AI-driven automation to deliver seamless experiences (*Ozonetel*, 2024; *IBM*, n.d.). However, the effectiveness of customer service within digital publishing platforms remains underexplored.

Unique challenges, such as Digital Rights Management (DRM), piracy, market saturation, and device compatibility—require tailored solutions to address user issues efficiently (*MyCVCreator*, n.d.). Poor content management can negatively affect user experience (*CloudPublish*, n.d.; *Lumina Datamatics*, n.d.). Balancing AI efficiency with human empathy is a persistent challenge (*Noon Dalton*, n.d.; *OMQ*, 2024\*).

This study aims to fill this research gap by analyzing trends, barriers, and performance metrics in customer service for digital publishing platforms. Figure 1 illustrates the typical customer service process from inquiry to resolution.



**Figure 1.** Customer Service Flowchart.

Source: Visual Paradigm (2023).

### 1.1. Problem Statement

Digital customer service in publishing platforms faces specific issues such as DRM restrictions, device compatibility, and piracy. Understanding these challenges is essential for improving user experience and fostering loyalty. This study analyzes the trends and barriers shaping customer service in digital publishing, emphasizing the balance between AI efficiency and human interaction.

### 1.2. Research Aims and Objectives

The study's main goal is to examine the patterns and challenges influencing customer service success on digital publishing platforms.

#### Research Questions:

- What are the key developments in customer service delivery on digital publishing platforms?
- What barriers hinder effective customer support in digital publishing?
- How is customer service effectiveness typically measured in this context?

#### Objectives:

- Identify major trends in customer service (e.g., automation, AI, proactive and self-service models).
- Analyze barriers to effective support, including technical, operational, and content-specific factors (e.g., scalability, DRM, data privacy).
- Review performance metrics used to assess service effectiveness (e.g., churn rate, resolution time, satisfaction).
- Provide practical recommendations to enhance digital publishers' customer service strategies.

## 2. Methodology

### 2.1. Literature Search Strategy

A comprehensive search was conducted across reputable databases, such as Web of Science, Scopus, IEEE Xplore, ACM Digital Library, and Google Scholar. Results on customer service efficiency in digital publication platforms were analyzed effectively. These databases were selected due to their extensive collections of academic papers, conference proceedings, and peer-reviewed journals. They offer the wide-ranging yet targeted breadth required for an advanced literature review, as Booth et al. (2012) suggested. A combination of precise keywords and search terms, utilizing Boolean operators (AND, OR), was employed to efficiently locate relevant literature. Initial keywords like "Customer Service Digital Publication", "Customer Assistance eBook Platform", "User Experience Online Material", and "Reader Engagement Publishing", was complemented by more focused terms such as "AI Customer Service Publication", "Chatbots Digital Media", "Self-service material platform", and "customer retention digital media" to capture new trends. The search technique, as illustrated by Okoli and Schabram (2010), prioritized relevant articles while reducing irrelevant noise to facilitate keyword expansion and refinement.

To ensure that the chosen articles were of the required quality and applicable, certain inclusion and exclusion criteria were applied methodically.

Inclusion criteria comprise:

- a. Conference papers, peer-reviewed journals, and credible reports.
- b. Publications written in the English language.
- c. Research specifically addressing customer service, customer support, or customer experience in digital publishing or content distribution systems (e.g., streaming content services, digital magazines, online journals, and eBooks).
- d. Given the quick development of digital technology and customer service procedures (from 2010-present), articles written during the previous ten to fifteen years were considered current.

Exclusion criteria include:

- a. Grey literature, such as blog entries and opinion articles, unless they include substantial, properly cited empirical evidence or professional analysis that is directly relevant to the scope.
- b. Research on customer service in retail or physical publishing settings without a definite focus on digital publication.
- c. Articles that mostly discussed marketing or content production without a clear connection to customer service exchanges.
- d. Publications that demand exorbitant access fees or are not fully accessible.

As demonstrated by (Moher et al., 2009), this systematic approach to the literature search aims to provide a comprehensive and unbiased foundation for identifying the trends and barriers in customer service effectiveness on digital publishing platforms.

The search in these databases produced a variety of results to answer the research questions (1, 2, and 3). The focus on Web of Science and Scopus was mostly on conference papers and peer-reviewed journals that provided empirical research, theoretical frameworks, and systematic reviews. These sources, which frequently provide quantitative data or ideological models, were crucial in identifying the primary trends (RQ1) in customer service technologies and strategies, which illustrate the basic challenges (RQ2) that digital platforms face, and highlight the effectiveness matrix (RQ3) (Both et al., 2012). An example of this would be to use the terms "AI customer service publication" and "customer satisfaction" in a search in Scopus to find papers that deliver on AI and such, addressing RQ 3 directly on the CSAT score.

The ACM digital library and IEEE Xplore were especially helpful in highlighting the implications for customer service and technical advancement. These databases frequently provide technical studies and conference proceedings that describe the creation and use of certain strategies like chatbots, automation technologies, and data analytics in the context of online assistance. By emphasizing new technology trends and offering information on technical complexities that became part of the RQ2 barriers (such as integration difficulties of new systems), these sources immediately helped respond to RQ1. The papers on natural language processing in chatbots from the ACM Digital Library, for example, shed light on the advantages

and disadvantages of artificial intelligence (AI) in customer interactions. This is tied directly to both Objective 1 (trends in AI) and Objective 2 (barriers related to technology integration).

A wide range of scholarly publications, including studies, dissertations, and reports from various academic and industrial sources that are not indexed in more specialized databases, were made available by Google Scholar as an additional database. This enabled reader engagement, user experience, and a wide range of responses to the real-world problems encountered by digital publishers. The Google Scholar results frequently offered case studies or qualitative analysis, which enhanced the comprehension of both trends (RQ1) and obstacles (RQ2) from a more applied standpoint. Occasionally, the results offered an alternative or emerging matrix (RQ3), which has not yet been widely embraced in the mainstream educational discourse. In the context of the digital subscription model, for instance, a discovery for "customer retention digital media" could result in certain sectors and methods that explain their influence on churn rates.

Utilizing the strengths of each database, the retrieved literature as a whole supplied the proof required to methodically answer every research question. The RQ1 was directly informed by the papers that discussed new methods and strategic adjustments. The research helped answer RQ2 by providing information on technical limitations, user annoyances, and operating challenges. Lastly, the RQ3 is directly addressed by the publications that outline the assessment framework, performance metrics, and actual measurements of service quality.

## **2.2. Data Extraction and Analysis**

The Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) framework, as established by Moher (2009), was part of the strict guidelines used in the systematic review method. Selected publications underwent thorough data extraction after screening based on set criteria. Information was systematically collected and documented for each study, including testing various customer service models, evaluating effectiveness using specific metrics, identifying trends in customer service distribution, assessing deficits in skills, and examining research methods. This methodical approach ensured stability and comprehension in data collection from multiple sources (Krippendorff, 2018). The process highlighted by (Braun, Clarke, 2006) for the qualitative synthesis approach, primarily thematic analysis, was used to find recurrent topics, patterns, and conflicts in the gathered material. The motivating process of identifying codes involved reading and categorizing extracted data into general categories and overarching themes. This approach, known for adaptability and comprehensive insights, helped detect evolving patterns and customer service issues in digital publications without relying on statistical aggregation. Narrative synthesis, according to Popay et al. (2006), further provided consistent, descriptive results, linking various research concepts. The study's discovery-oriented nature mapped the current research scenario and emphasized the qualitative method's significance in assessing customer service efficiency.

### 3. Results

#### 3.1. Overview of Reviewed Literature

After rigorous selection criteria were applied, 133 articles from various years (2005-2024) were reviewed. The publications reflect current trends in digital publishing and customer service, primarily based on studies from North America and Europe, highlighting their global impact. The papers covered various digital publication platforms, including online learning content providers, news and magazine subscriptions, eBook marketplaces, and academic e-journal platforms. Some studies delved into digital customer service, focusing on user interactions and content distribution in digital publications. The articles were primarily concerned with different kinds of digital publication platforms, such as academic e-book platforms, consumer e-book marketplaces (like Amazon Kindle and Apple Books), online news and magazine subscriptions (like The Economist online and New York Times Digital), and digital learning platforms (Coursera and edX). The results of various research were relevant to the unique context of material distribution and user interactions, particularly inside digital publications, even though they provided a thorough observation of digital customer service. Empirical research (such as quantitative surveys, qualitative interviews, case studies, and experimental designs), ideological papers, theoretical reviews, and a robust collection of systematic reviews from various and pertinent areas were among the types of sources. These fields include parts of marketing, business management, human-computer interaction (HCI), library sciences, informatics, communication studies, and even intellectual property law, where digital rights and customer service cross. By offering a thorough and detailed awareness of the challenges and advancements in customer service within digital publications, this extensive inclusion of several studies conducted in a wide variety of perspectives and issues demonstrates a great understanding of the present state of research.

For thematic analysis, the reviewed literature was broadly categorized based on its primary focus areas related to customer service in digital publishing. These categories included, but were not limited to:

- **Technology Adoption in Customer Service:** Learning about the impact and integration of chatbots, artificial intelligence, and automation of customer inquiries and support processes.
- **Self-Service and Knowledge Management:** Knowledge bases, frequently asked questions, and studies on how successfully user communities allow users to handle issues independently.
- **Impact of Customer Service on Loyalty and Retention:** Reviewing research on how customer service strategies affect customer satisfaction, customer retention, and churn rates on digital platforms.

- **Addressing Technical Issues and Digital Rights Management (DRM):** The study discusses DRM enforcement problems and solutions from the perspectives of technical support, material access, device compatibility, and customer service.
- **Customer Feedback and Experience Measurement:** The importance of collecting, assessing, and taking action to improve growth strategies and service quality in response to consumer feedback to improve content quality.

As *Figure 2* shows, there has been an evolving change in what customers expect, and they have been observed to now constantly seek out companies that prioritize what they care about. It was also noted that several publications frequently covered a wide range of topics, reflecting how customer service functions are interpreted and how the digital customer experience has been modified.



**Figure 2.** Illustration showing changes in customer expectations.

Source: Zendesk (2025).

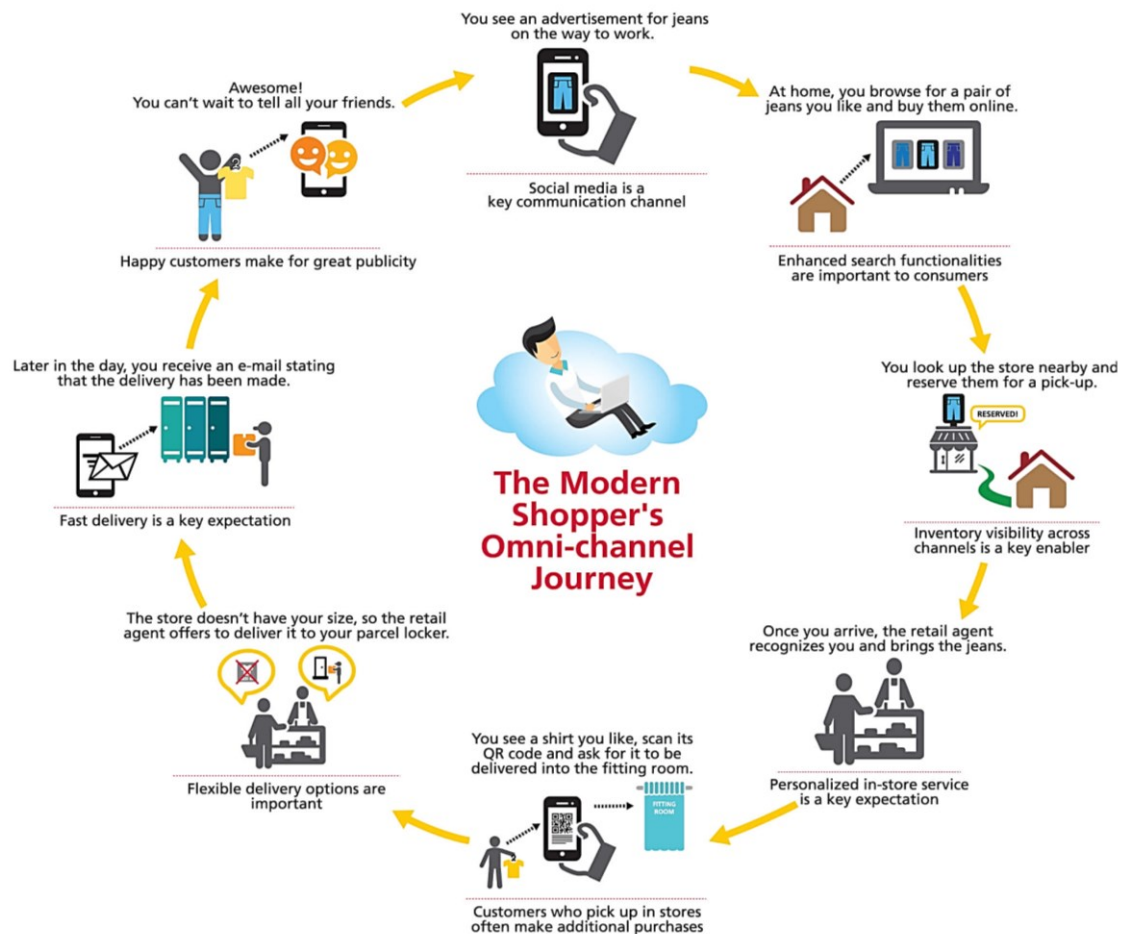
In conclusion, this chapter establishes a strong foundation for understanding the complex interplay between technology, service quality, and user engagement in digital publishing. It also identifies the existing research gap regarding the effectiveness of customer service strategies specific to digital content platforms. This insight forms the basis for the subsequent analysis of emerging trends, barriers, and best practices discussed in the following chapters.

### 3.2. Customer service trends in digital publishing platforms

The study identified key trends shaping customer service distribution on digital platforms, reflecting major shifts in the digital landscape influenced by consumption and intellectual property factors. According to (IBM, n.d.; JoinHGS, n.d.), a key trend was the shift towards proactive assistance on digital platforms. Platforms provide timely support and individualized assistance based on user behaviour and interactions by foreseeing user needs and resolving any problems in advance. One noteworthy development was the emergence of self-service knowledge bases, which offer customers free access to interactive tutorials, frequently asked questions, and help articles (OMQ, 2024; Zendesk, 2025). This trend was evident across various digital publishing formats, aiding users in tasks from quote management to device synchronization. These self-service solutions bolstered customer satisfaction and reduced routine queries, allowing human agents to focus on complex issues (Knowmax, n.d; Ozonetelle,

2024). It facilitates the fundamental publication procedures and may involve proactive material management, which lessens problems. Platforms featuring community forums encouraged user collaboration and information exchange (Sprout Social, 2024). Self-service combined with AI finds close ties, as AI chatbots offer quick responses, troubleshoot, and manage numerous consumer queries with their ability to understand natural language, guiding users to relevant articles. In more complex cases, human agents step in, while the chatbot feature aids in content search, membership management, and error detection for quicker reactions. Moreover, digital platforms utilize user data for tailored services, considering reading history, preferences, and past interactions (OMQ, 2024; New Matrix, n.d.). Agents leveraged client profiles for personalized support, aiming to enhance customer interactions and forum value in a saturated market (Sprout Social, 2024). This approach prioritizes individualized responses over generic ones to prevent customer dissatisfaction (New Matrix, n.d.). Because omnichannel usage is so common, even as *Figure 3* illustrates, consumers may interact with one another through a variety of channels, including chat, email, social media (Facebook Messenger, Twitter), and phones. According to the expectations of tech-loving consumers, this touchpoint stability is integrated and essential for a positive customer experience.

Additionally, Content Engagement & Quality as a ‘Primary Driver’ of Satisfaction is a rising trend among customers of digital publishing platforms. This is also supported by the data analysis carried out by the author. The analysis (detailed in section 3.5) indicated a large percentage of positive and neutral emotions (more than 31,000, around 29,000 neutral), and the enormous number of “contents” cited (more than 45,000), showing how important the quality, applicability, and overall experience of published content are to user experience. Also, the frequent mentions of “customer service”, related to ‘usability (around 7000) highlight the importance of effective systems, which enhance user experience and reduce the need for direct support, illustrating the value of intuitive design and reliable performance (UI/UX). Moreover, the dominance of platforms like Kindle and Audible, indicated by their high mention counts, suggests that user-friendly features and efficient service delivery are key to their appeal.



**Figure 3.** Illustration of customer service trends.

Source: HelpCrunch (2024).

In summary, customer service in digital publishing is evolving toward automation, personalization, and proactive engagement—integrating technology and empathy to create responsive, user-centered ecosystems that strengthen long-term customer relationships.

### 3.3. Barriers to Effective Customer Service

While customer service trends and advancements appear in digital publication platforms, there are common barriers due to digital content characteristics, including formatting and content quality issues, fast technology growth, platform performance, access and delivery challenges (including DRM concerns), platform usability, and managing diverse users. Scalability issues arose with increasing user bases, impacting customer support quality as digital platforms expanded swiftly (Knowmax, n.d.). Support staff could feel overwhelmed by rising inquiries, causing delays and lower satisfaction (Noon Dalton, n.d.). Automation handled a portion, but human agents were essential for complex cases. As pointed out by (CloudPublish, n.d.; MyCVCreator, n.d.), customer demands pose challenges on digital publishing platforms, including technical issues (e.g., downloading, compatibility), content concerns (e.g., missing pages, formatting), and pricing matters. Each inquiry requires specific information and

resolution approaches that demand high competence, demanding a highly skilled and versatile customer service team, or a complex system for routing inquiries to the correct department (Knowmax, n.d.). Data privacy concerns emerged due to extensive user data collection for customized experiences, necessitating robust security (IBM, n.d.; Screendesk Blog, 2025). Violations or misinformation harm customer trust and service effectiveness, prompting challenges with data regulation compliance like CCPA and GDPR. New technological integration presented challenges, particularly with automation and artificial intelligence (AI), which needed to be seamlessly integrated with existing CRM, billing, and content management systems (Mindtree, n.d.). Inadequate integration can result in problems with fragmented consumer data, repetitive questions, and comprehending the whole customer experience, which can be annoying for both users and support personnel (CallHippo, 2024). It's challenging to maintain a personal touch in automated interactions despite the benefits (Noon Dalton, n.d.). According to OMQ (2024), chatbots are excellent at simple tasks but have trouble with more complicated problems and demonstrating empathy. A bad customer experience, particularly for devoted consumers, might result from relying too much on technology without supporting human workers (Sprout Social, 2024). Managing digital rights was a concern for digital publications, especially because users had trouble understanding use limits, transferring licenses, and accessing material across platforms (MyCVCcreator, n.d.). These technical DRM installation issues often required specialized expertise from customer support to address disgruntled consumers, potentially leading to negative customer experiences. Based also on the author's data analysis (also detailed in section 3.5), further proof supporting the mentioned barriers was identified. 'Bugs' (about 6,800 mentions) and 'App Performances' (such as crashes, login issues, and synchronization) were clear signs of significant technological challenges. These frequently resulted in unfavourable user experiences and imply that the main complaints of users of digital publications are technical issues and unstable apps. 'Access/DRM' and 'delivery sync' mentions also show persistent user problems with licensing, area locks, downloading, or synchronizing e-books in devices. The ability of users to consume purchased or subscribed resources is directly impacted by these basic barriers to material consumption. Although "Customer Service" was frequently mentioned (roughly 11,500 mentions), its specific mention in reviews frequently denotes dissatisfaction with informational challenges (poor self-service), intricate navigation ('usability' issues), or essential platform features. This implies that even in the absence of direct contact with a human agent, users get more frustrated due to clumsy user interfaces or inadequate self-help resources.

### **3.4. Metrics and Evaluation of Effectiveness**

The literature emphasized using a strong matrix to assess customer service success on digital publication platforms, with key performance indicators (KPIs) reflecting quantitative measurements of customer satisfaction and qualitative indicators. Consumer satisfaction with service contacts was frequently measured using customer satisfaction scores (CSAT) (Zendesk,

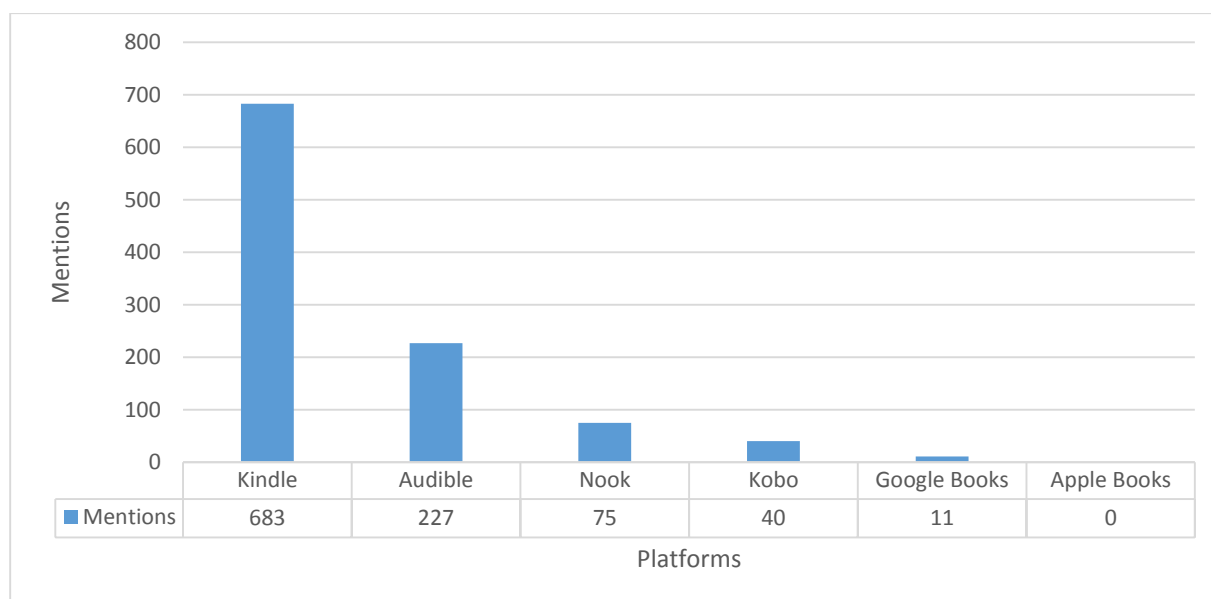
2025; Ozonetel, 2024). These ratings, which were frequently acquired through post-interaction questionnaires, provide quick insight into the kind of help by showing whether or not expectations were fulfilled. NotifyVisitors (2024) points out that the Net Promoter Score (NPS) is commonly employed to assess consumer loyalty and the inclination to recommend the Digital Publication Forum. It provides insights into long-term retention and consumer relationships by categorizing individuals as promoters, passives, or detractors (Thinkific, 2025). Efficiency in service distribution focused on average handling time (AHT) or first contact resolution (FCR) to ensure quick resolutions that enhance customer satisfaction (Knowmax, n.d; Ozonetel, 2024). The importance of FCR resides in its capacity to resolve customer concerns quickly, minimize their effort, and increase production all at once. One important metric, the Customer Effort Score (CES), shows how simple it is for customers to fix problems. A lower CES score indicates a more seamless customer experience brought forth by effective self-service, intuitive user interfaces, and streamlined procedures. Loyalty is more closely associated with reduced customer effort than with merely increasing customer satisfaction (OMQ, 2024). Effective business-oriented statistic: drop-in churning rate is a key indicator of successful customer service, as it shows proactive engagement and problem-solving, retains users, thus boosting customer value (notifyvisitors, 2024; themes, 2025; NewZo, 2024).

### 3.5. Empirical analysis: Trends & Barriers

To further contextualize the findings from the advanced literature study carried out and to gain empirical insights into customer experiences on a digital publishing platform, an analysis of 'Goodreads Book Reviews' was conducted by the researcher. This analysis aimed to identify specific customer service-related trends and barriers as expressed directly by users.

The dataset was secondary data, and the process of preparation for analyzing Goodreads reviews involved normalizing the dataset and cleaning the content for analysis, but it lacked a date column for temporal patterns. Additionally, a tailored thematic tagging system was created to categorize customer service issues related to digital publications, including topics such as support contact, accountability, billing, access, app performance, formatting quality, availability, and delivery synchronization.

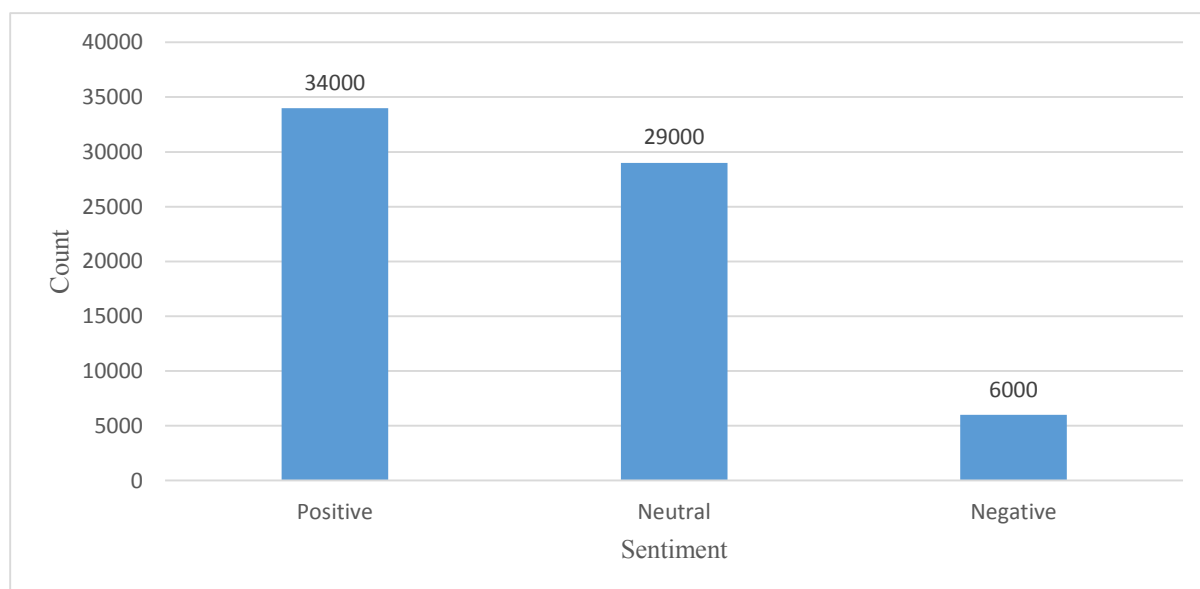
The analysis shows that popular digital publication platforms like Kindle and Audible were frequently mentioned in user reviews, highlighting specific service issues and their impact on user experience. This suggests that these platforms have significant user bases and are a central topic of discussion among users, particularly relevant for college students navigating digital reading options. *Figure 4* pictorially represents in a bar chart the platforms mentioned in the review.



**Figure 4.** Bar chart showcasing platform mentions in the Goodreads Book Reviews.

Source: The Researcher (2025).

Sentiment analysis of Goodreads reviews, as also pictorially represented in *figure 5*, utilized a rule-based emotion model to classify reviews into positive, neutral, or negative categories while also assigning a numerical emotion score. The findings indicated that most reviews expressed positive or neutral sentiments, with negative evaluations being a smaller yet notable part of the overall emotional tone.

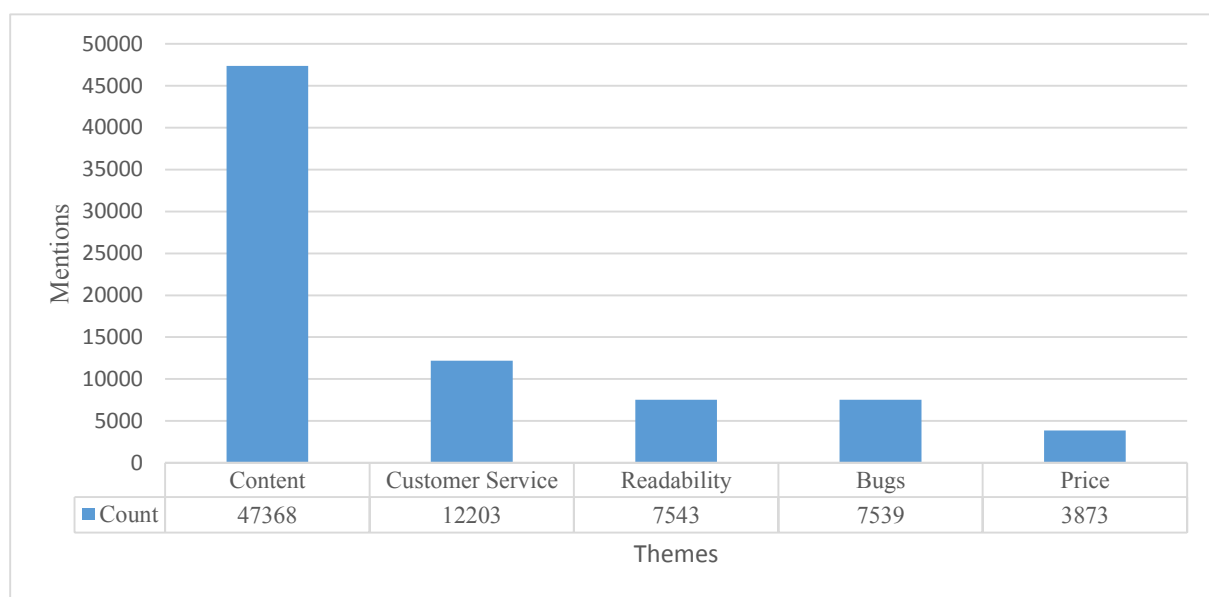


**Figure 5.** Bar chart showcasing sentiment distribution in the Goodreads Book Reviews.

Source: The Researcher (2025).

In the analysis of various matrices, key metrics such as average emotion scores, star ratings, and review percentages were evaluated to understand their impact on client satisfaction. The summary tables highlighted specific issues that negatively affected customer happiness, providing valuable insights for further study. The analysis of user reviews revealed that the

primary concerns were related to content quality, customer service issues, app performance, and pricing, highlighting key pain points like formatting errors and bugs as depicted in *Figure 6*. Understanding these areas can help college students identify common challenges in user experience and improve their engagement with digital platforms. Each identified top pain point was reduced to three words (cut to approximately 300 characters) in order to depict the customer's voice and provide qualitative references. The patterns and challenges noted in the extensive systemic literature evaluations are directly supported by this empirical analysis of Goodreads reviews, which is user-centred. It specifically draws attention to how technical performance, platform usability, and content quality affect user experience in the real world, which is closely related to the elements of good customer service that were covered in the context of digital publishing.



**Figure 6.** Bar chart showcasing the top themes mentioned in the Goodreads Book Reviews.

Source: The Researcher (2025).

## 4. Discussion

The extensive literature assessment confirms that the trends and barriers shaping customer service effectiveness on digital publishing platforms share many similarities with general digital service environments but also reveal distinctive features. Like other digital industries, these platforms increasingly adopt active support, self-service knowledge bases, AI-driven chatbots, and omnichannel strategies (IBM, n.d.; Ozonetel, 2024; Zendesk, 2025; Reply, n.d.). However, digital publishing faces unique obstacles, such as device compatibility, DRM constraints, and content accessibility, which significantly affect user satisfaction and service performance.

Overall, the results demonstrate that customer service within digital publishing is not merely a technical function but a strategic component that directly influences user trust, retention, and platform growth. The study shows that while AI and automation enhance efficiency, human interaction remains essential to maintaining empathy and credibility in service delivery. This aligns with previous findings by NotifyVisitors (2024) and New Metric (n.d.) but advances existing knowledge by identifying the specific operational context of digital publications, where content integrity and DRM protection play pivotal roles.

Compared to broader digital customer service research, this study uniquely illustrates how intellectual property management and content usability intersect with customer experience—an area often underrepresented in prior analyses. Our findings confirm earlier assumptions that technological innovation improves responsiveness, yet also expose new evidence that fragmented infrastructure and data privacy concerns hinder full omnichannel integration (CallHippo, 2024).

This research contributes new insights into the interdependence between content quality, personalization, and customer loyalty in digital publishing. It confirms the hypothesis that tailored self-service and proactive assistance improve customer satisfaction but further reveals that their success depends on addressing platform-specific technical and legal constraints. Thus, the study enriches existing literature by contextualizing these trends within the unique framework of digital publishing operations.

While many digital enterprises apply automation to reduce workload, our findings indicate that digital publishers must balance efficiency with creative and legal sensitivities related to DRM and content protection. This differs from general e-commerce or SaaS platforms, where service optimization is primarily performance-driven. Furthermore, the identified emphasis on content engagement as a primary satisfaction driver adds a new dimension to customer service research, confirming and extending the analyses of OMQ (2024) and Sprout Social (2024) regarding the importance of personalization.

The results imply that effective customer service in digital publishing requires a hybrid model—merging automation with human judgment, robust CRM integration, and strict adherence to data protection standards (GDPR, CCPA). Future research should include empirical case studies examining AI applications in publishing-specific environments, quantitative analyses of self-service efficiency, and cross-cultural comparisons of customer expectations in different linguistic and legal contexts.

In conclusion, the study establishes that while digital publishing platforms share common service trends with other industries, they face distinct challenges related to intellectual property, device diversity, and user autonomy. Addressing these issues through technological innovation combined with ethical and empathetic service design is crucial for sustaining long-term user satisfaction and platform success.

## 5. Summary

This research critically evaluated trends and challenges affecting customer service within digital publication platforms, highlighting their complex interplay with technological, organizational, and user-experience factors. While the review was comprehensive, it also revealed certain limitations—notably, the predominance of studies from Western contexts (North America and Europe) and a lack of quantitative cross-platform comparisons. Moreover, many of the reviewed papers relied on descriptive analyses, which limits the ability to generalize causal relationships between customer service innovation and long-term loyalty outcomes.

Despite these limitations, the study contributes new knowledge by integrating findings across marketing, informatics, and human–computer interaction (HCI) to form a holistic understanding of how customer service evolves in digital publishing. It demonstrates that proactive support, AI-driven self-service systems, and omnichannel integration are shaping user expectations, while data privacy and DRM restrictions continue to constrain service quality. A key lesson learned is that technological efficiency alone does not ensure customer satisfaction—empathy, transparency, and adaptability remain central to user trust and engagement.

The importance of this research extends beyond digital publishing. The insights gained can inform broader digital service management, e-learning, and subscription-based business models. By identifying how digital publishers balance automation with human responsiveness, this study provides a framework for other sectors seeking to enhance customer experience under similar regulatory and technological pressures.

Future research should empirically test these findings through cross-industry comparisons, longitudinal analyses, and experimental designs to measure how service personalization and privacy practices influence loyalty. The obtained knowledge can be further applied to designing adaptive CRM systems, refining AI-based chatbots, and improving training for customer service teams in content-driven digital environments.

Ultimately, this study underscores that the success of digital publication platforms depends on their ability to merge innovation with ethical, human-centered service principles—ensuring that technology enhances, rather than replaces, meaningful customer connections.

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