

Digital Storytelling: Re-Imagining Narratives for a Multimedia Generation

James Ademokoya^{1,*}

¹Department of English, Bamidele Olumilua University of Education, Science and Technology, Ikere-Ekiti, Ekiti, Nigeria.
ademokoya.james@bouesti.edu.ng¹

*Corresponding author

Abstract: From the perspective of the confluence of media ecology, constructivism, multimodality, participatory culture, and narrative theory, the research investigated Digital Storytelling as a way of Re-imagining Narratives for a Multimedia Generation. It seems to imply that digital storytelling is a new development in the practice of narrative, moving away from linear structures towards forms that are participatory, interactive, and that combine several modes of expression. In this study, a synthesised conceptual framework, the Digital Storytelling Re-imagined Framework (DSRF), is developed to define storytelling as a dynamic hub influenced by culture, multimodality, agency, and narrative structures. It pays attention to the implications for the media, education, and culture, including public engagement, inclusivity, the creativity of the curriculum, and the preservation and propagation of culture. Additionally, the study provides recommendations for future lines of inquiry into artificial intelligence, virtual and augmented reality, and the morality of digital storytelling. These recommendations are in addition to emphasising issues such as deception, authenticity, and economic worth.

Keywords: Digital Storytelling; Re-Imagining Narratives; Multimedia Generation; Media Ecology; Participatory Culture; Digital Technology; Audience Participation; Narrative Theory.

Cite as: J. Ademokoya, "Digital Storytelling: Re-Imagining Narratives for a Multimedia Generation," *AVE Trends in Intelligent Social Letters*, vol. 2, no. 2, pp. 64–72, 2025.

Journal Homepage: <https://avepubs.com/user/journals/details/ATISL>

Received on: 17/08/2024, **Revised on:** 08/11/2024, **Accepted on:** 21/12/2024, **Published on:** 05/06/2025

DOI: <https://doi.org/10.64091/ATISL.2025.000191>

1. Introduction

Human society has traditionally relied heavily on storytelling to pass down beliefs and customs and to disseminate information from one generation to another. In its most primitive form, oral tradition served as a social instrument for maintaining history and cultivating group memory. Stories gained a new enduring status with the development of print, which enabled them to be recorded and shared across time and space. Storytelling was further influenced by the rise of mass media, which enabled narratives to reach a larger audience and share cultural experiences across geographical boundaries [2]. Digital storytelling is a multimodal and participatory style of narration that embodies the vitality of the multimedia generation [7]. Digital technology has equally transformed the landscape in the twenty-first century. Narratives play a significant role in shaping identities. People use tales to transmit social and cultural values, make meaning of their experiences, and place themselves and one another in social contexts. Storytelling has long been an effective teaching tool for capturing students' attention, stimulating their creativity, and promoting critical thinking [12]. Stories are usually employed in human society as tools for social criticism, culture preservation, and inclusion advocacy. By combining text, music, photos, video, animation, and interactivity, digital

Copyright © 2025 J. Ademokoya, licensed to AVE Trends Publishing Company. This is an open access article distributed under [CC BY-NC-SA 4.0](https://creativecommons.org/licenses/by-nc-sa/4.0/), which allows unlimited use, distribution, and reproduction in any medium with proper attribution.

storytelling broadens capabilities and produces multi-layered experiences that appeal to consumers within a multimedia setting [13]. As a result, storytelling serves as a platform for identity formation, culture negotiation, and innovative teaching in addition to being a vehicle for expression. Traditional storytelling is found to be inadequate in the present, complex, digital world, despite its transformative potential. Digital narratives thrive in this regard by ensuring interactivity, fluidity, and participatory involvement.

Scholars need to re-examine the framework (classical theory, which presumes linearity, authorial control, and a set narrative structure) because of the present-day convergence of many media formats, which calls into question traditional ideas of plot, character, and audience [15]. Without this kind of rethinking, the field risks using antiquated models to explain events that call for fresh approaches to interpretation. As a result, there is a scholarly gap in which the facts of tales propelled by multimedia are not adequately theorised. This study aims to provide a theoretical examination of digital storytelling as a reimagined narrative form [16]. The study aims to shed light on how digital storytelling influences the dynamic among storyteller, story, and audience by drawing on current ideas of multimodality, participatory culture, and narrative production [20]. This draws attention to the unique characteristics of digital narratives that set them apart from previous traditions, such as their interaction, co-creation, remix culture, and non-linear structures. The study stresses the importance of considering digital storytelling as a culturally transformative practice with its own logic and potential, rather than just as an extension of more traditional forms [24]. The focus of this paper includes culture studies, media, and education as important domains in which digital storytelling is changing norms and practices [30]. Digital storytelling is increasingly used in education to foster reflective learning, increase student engagement, and ensure digital literacy. It reinterprets audience participation in the media, obfuscating the distinction between storytellers and listeners.

The new idea (digital storytelling) grants previously underrepresented groups a voice and facilitates international dissemination of viewpoints. It equally democratizes the practice of storytelling. This multidisciplinary breadth emphasizes the potential of digital storytelling as a subject of theoretical investigation and emphasizes its significance across fields [34]. This study is important because it advances the development of theories at the nexus of culture, media, and narrative. The study aims to enhance academic discussions and give educators, media workers, and anthropologists a better understanding of the changing nature of narrative by providing a conceptual framework for examining digital storytelling. It also seeks to encourage more research on new types of digital narratives, such as those influenced by augmented reality, virtual reality, and artificial intelligence. In doing so, the study not only fills in existing theoretical gaps but also looks ahead to potential future avenues for storytelling in an increasingly digital world. In the end, digital storytelling represents both continuity and disruption in narrative history. It satisfies the human impulse to tell stories in ways that run counter to accepted conventions of form, authorship, and audience participation. Stories are immersive, interactive, and collaborative experiences for the multimedia generation; they are not limited to words on a page or voices in a room. To truly comprehend their significance, scholars must embrace theoretical viewpoints that match the richness, diversity, and fluidity of digital storytelling, according to this study, which reimagines tales for a changing world.

2. Conceptual Clarifications

2.1. Storytelling as a Foundational Concept

Storytelling is a timeless human activity. It is the skill of using structured narratives to communicate experiences, events, or ideas. It is a cognitive and cultural act that has been employed from time immemorial to transmit knowledge, social norms, and values from one generation to another. Traditional storytelling conveyed meaning through literary inscription, performance, and oral expression. For example, highlights storytelling as a cognitive process, a means by which people interpret the environment and place themselves in it. Fundamentally, storytelling creates narratives that the audience can relate to by fusing imagination and reality [5].

2.2. Digital Storytelling

This is the art of creating and disseminating stories with digital tools and multimedia technology. Digital storytelling deepens and broadens narratives by incorporating text, music, video, animation, and interactive elements. Digital storytelling fuses classical storytelling with contemporary digital platforms, producing "personal stories with global reach", the pioneer in the field [22]. Digital storytelling, unlike traditional formats, often allows multimodal representation, integrating hyperlinked structures, soundscapes, and visuals to engage the digital generation in ways linear narratives might not.

2.3. Multimedia Generation

The phrase "multimedia generation" refers to audiences in the modern age, especially younger generations, who are enmeshed in digital technologies and accustomed to producing and consuming material across a variety of platforms. This generation's

cognitive and cultural expectations of storytelling are shaped by their everyday interactions with cellphones, social media, video-sharing websites, and digital games. These “digital natives” have distinct learning and communication styles and require dynamic, interactive, and visually rich narratives [28]. Therefore, the multimedia generation actively contributes to the production and dissemination of stories, as well as to their consumption.

2.4. Traditional and Digital Narratives

Digital tales are nonlinear, multimodal, and hyperlinked, in contrast to traditional narratives, which are frequently linear, sequential, and limited to written or spoken materials. While digital storytelling leverages digital platforms for instant sharing, worldwide accessibility, and collaborative authorship, traditional storytelling emphasises in-person performance, collective memory, and textual preservation [1]. A folktale spoken in a village square, for example, is very different from a digital story told online with music, video, links, and audience comments. As a result, the transition from traditional to digital narratives demonstrates how narrative forms are changing in tandem with technological advancements and to accommodate the practice of the moment.

2.5. Multimodality in Digital Storytelling

Multimodality, or the blending of several forms of communication, text, images, sound, and interactive media into a single story, is one of the characteristics that distinguish digital storytelling. By appealing to multiple senses and learning styles, multimodal design enhances the storytelling experience and gives the audience opportunities to engage with stories beyond just words. According to Kress [21], multimodality changes how meaning is made by allowing storytellers to use a variety of representational tools to convey ideas and feelings. To create a multifaceted narrative experience, a digital story incorporates animation, photos, infographics, background music, and a narrator's voice.

2.6. Interactivity and Participatory Culture

Participatory culture and interaction are also key components of digital storytelling. Through interaction, the audience can actively participate in the narrative, shaping its resolution or choosing among several possible ideas. Participatory culture, according to Jenkins [17], is a cultural shift in which consumers are active contributors, re-mixers, and co-creators of narratives rather than passive recipients. Interactive fiction games, YouTube, and TikTok are platforms that demonstrate how stories change through comments, audience reactions, and imaginative expansions. Digital storytelling differs from traditional forms in that it involves audience participation, transforming them from observers to collaborators.

2.7. Transmedia, Remix Culture, and User-Generated Content

According to Jenkins [19], trans-media storytelling is the art of narrating a story using a variety of platforms and formats, each of which adds something special to the story. A digital story could span a book, a movie, a video game, and social media posts. On the other hand, remix culture emphasises the recontextualization and reworking of preexisting digital content into fresh artistic expressions [23]. Fan fiction, memes, and video parodies are examples of user-generated content (UGC), which is defined as artistic creations created by non-professional users and disseminated via digital platforms [6]. When combined, these words highlight how digital narratives in the multimedia era are decentralised, flexible, and collaborative. The combination of these ideas results in digital storytelling, which reimagines stories for a generation that is accustomed to multimedia. Although storytelling has its roots in human expression, digital technologies increase its potential through interactive engagement, multimodality, and interaction. Through user-generated content, remix techniques, and transmedia extensions, the multimedia generation not only consumes tales but also reshapes them. As a result, digital storytelling is viewed as a hybrid narrative technique that reflects the cultural dynamics of a digitally networked society while bridging tradition and innovation.

3. Theoretical Framework

Five major theories form the foundations of this study: Narrative Theory as a Foundational Lens; Multimodality Theory and Digital Storytelling; Constructivist Theory and Audience Engagement; Participatory Culture Theory; Media Ecology Theory; and Critical Integration of Theories. Brief discussions are provided on each of the theories as follows:

3.1. Narrative Theory as a Foundational Lens

Narrative theory provides the basis for understanding storytelling in both conventional and digital contexts. Narrative theory has its roots in literary studies. It is a theory that focuses on the structure of stories, the narrator's function, and the connection between plot and audience [9]. Narrative theory examines how interactive and nonlinear tales transform conventional structures in the digital age. Digital platforms, for example, enable fragmented storytelling, in which viewers follow multiple routes rather

than a single linear plot [31]. As a result, narrative theory remains essential for understanding how storytelling evolves and adapts in a multimedia setting. This ensures easy, direct accessibility and widespread storytelling for a larger audience.

3.2. Multimodality Theory and Digital Storytelling

Multimodality theory provides a critical perspective on how several modes of text, sound, visuals, and interaction combine in digital storytelling. Kress [21] opines that multimodal resources help meaning-making in modern communication. This is not limited to linguistic symbols. Therefore, multimodality is used in digital storytelling to produce multi-layered meanings that go beyond single-channel narratives. To interest listeners, a digital story might, for instance, use interactive images, animated text, background music, and voice narration simultaneously. This theoretical framework emphasises how multimodality enhances emotional impact, comprehension, and visual appeal in storytelling. This, in turn, helps to drive home the focus of storytelling and allows interpretation based on individuality.

3.3. Constructivist Theory and Audience Engagement

The theory of constructivist learning sheds light on how viewers interact with digital narratives. Constructivism, grounded in Vygotsky [35] sociocultural perspective, emphasises active knowledge creation rather than passive reception. Through multimedia components, content recontextualization, and even the creation of original stories, audiences interpret digital stories [29]. Through this approach, storytelling becomes a collaborative activity in which meaning is created through participation rather than passive consumption. This allows audience participation and activeness. Constructivist theory emphasises how learner-centred digital narratives support storytelling techniques and individualised meaning-making.

3.4. Participatory Culture Theory

Jenkins [17] offers a framework for comprehending the active role that audiences play in digital storytelling through his theory of participatory culture. Digital platforms enable users to co-create, remix, and share stories, which is not possible in traditional media, where audiences are passive consumers. Jenkins [18] believes that participatory culture blurs the lines between producers and consumers, and this interactivity supports his theory. Digital storytelling initiatives, such as TikTok story threads or YouTube vlogs, are prime examples of how narratives develop collaboratively through user contributions and community feedback [6]. The theory emphasises how narrative has become more accessible to the multimedia generation. This helps creativity, which is crucial in storytelling.

3.5. Media Ecology Theory

McLuhan [25] and Postman [27] established the media ecology theory. The theory examines how the environment shapes people's perceptions and communication. When it comes to digital storytelling, media ecology argues that digital platforms are transformative spaces that reshape narrative practices rather than only being neutral instruments. For example, while Netflix and Instagram support serialised, binge-worthy stories, Instagram and Snapchat favour short-form, transient storytelling. This theory illustrates how modern technology shapes narrative structure, transmission, and reception by situating storytelling within the ecology of digital media. These theoretical models have drawbacks despite their applicability. For example, narrative theory often stresses linearity, which fails to represent interactive, nonlinear digital storytelling [32] adequately. While representation is emphasised in multimodality theory, power relations on digital platforms receive less attention. While celebrating interaction, constructivism, and participatory culture, this approach downplays concerns about the digital divide, unequal participation, and intellectual property rights [23]. Similarly, media ecology often downplays the agency of producers and spectators in favour of technological determinism. These discrepancies point to the need for more contextually aware, integrative frameworks to adequately represent the intricacies of digital storytelling.

3.6. Gaps and Limitations in Existing Models

Each of these theories, narrative theory, multimodality, constructivism, participatory culture, and media ecology, offers valuable insights into digital storytelling, even though their combination provides a more thorough framework. Narrative theory explains the structural foundations; multimodality emphasises the use of multiple modalities; constructivism emphasises audience participation; participatory culture emphasises collaboration; and media ecology places storytelling in digital contexts. Together, these frameworks demonstrate how digital storytelling reimagines traditional narrative techniques for the multimedia generation. However, their overlapping disciplines also highlight the challenges of developing a coherent theoretical perspective. This study employs a hybrid theoretical framework that combines constructivism, media ecology, multimodality, narrative theory, and participatory culture. The essence is to consider both the structure and the experience involved. Moreover, this situates the involvement of multimedia generation in digital storytelling within broader social and cultural contexts. They

are consistent, both as story producers and consumers. The framework offers a strong lens for analysing how digital storytelling reimagines narratives for a multimedia generation by addressing the highlighted theoretical gaps.

4. Re-Imagining Narratives: A Theoretical Discussion

In the multimedia age, digital storytelling represents a practical example of a shift in the creation, dissemination, and consumption of narratives. Digital storytelling welcomes interactivity, fragmentation, and audience agency, in contrast to traditional storytelling, which often relies on linear progression and predefined narrative patterns. Observation, based on theoretical insights, media studies, and narrative theory, shows that digital technologies have increased the potential for audience involvement and narrative structure [32]. This section examines how digital storytelling transforms the cultural and communicative landscape, incorporates multimodality, and reimagines narrative structures. The transition from linear to non-linear frameworks is one of the notable developments recorded in digital storytelling. Conventional tales are usually told in a chronological order, using authorial control to lead listeners from the very beginning to the end. Digital tales, on the other hand, do have modular sections, branching pathways, or hyperlinks that allow the audience to create their own interpretative paths [26]. Thus, non-linear storytelling reflects a larger societal shift from fixed narrative authorship to the decentralisation of both the creation and interpretation of experiences. Interaction and fragmentation are important features in digital storytelling in addition to non-linearity. The audience's ability to “click,” “swipe,” or “choose” alternate routes creates the possibility of actively influencing the plot of stories. The development that leads to splitting narratives into different paths based on user decisions is best illustrated by interactive movies like *Bandersnatch* on Netflix or by video games like *Detroit: Become Human* [17].

Traditional coherence is challenged by fragmented frameworks that give audiences interactive control and make them co-authors of meaning. This is made possible because digital storytelling incorporates text, graphics, sound, animation, and interactive interfaces, resulting in multimodality. Kress [21] submits that by utilising a variety of sensory and cognitive pathways, multimodality broadens the scope of meaning-making. To elicit diversified interpretations and provide context, a single digital story could, for example, combine voice with sound effects, animation, and video. It is observed that emerging technologies such as virtual reality (VR) and augmented reality (AR) significantly enhance immersion [3]. The roles of the audience and the storyteller are equally redefined in digital storytelling. Narrators are responsible for traditional narratives, while listeners are merely recipients. As participatory culture evolves, audiences become active co-creators of stories rather than passive recipients [17]. The lines between amateur and professional creators are blurred by social media platforms, which enable individuals to create and share self-originated stories. According to Robin [29], Constructivist ideas of knowledge-building, in which meaning is negotiated and jointly created, are reflected in this change. One example of the participatory aspects of digital storytelling is user-generated content (UGC). Diverse opinions can now contribute to art (narratives) thanks to platforms like Wattpad, TikTok, and YouTube, which democratise creativity [6].

User-generated content (UGC) becomes a threat to established literary gatekeeping by making it possible for under-represented communities to share their own narratives and gain prominence in international digital forums. The spread of “remix culture,” which involves reworking old stories into fan fiction, memes, and mashups, highlights how collaborative and fluid narrative are in the digital age [23]. Digital storytelling helps preserve diversity and culture by providing an accessible forum for perspectives that have historically been marginalised in popular narratives. For instance, digital storytelling is used by indigenous communities to preserve norms and cultural values and to engage with audiences worldwide [10]. Minority groups often use digital media to express alternative identities and erase misconceptions. In this sense, digital storytelling serves as an instrument to ensure cultural continuity and to democratise the art of storytelling. Moreover, global narrative circulation is another area of interest in the democratisation of storytelling. This makes digital storytelling go beyond inclusion. Stories may circulate instantly and reach a wide range of people through digital platforms that cut across economic and geographic barriers [1]. Digital storytelling enables people to get over conventional authorities. It is always in contrast to print or broadcast media, which frequently require institutional modifications or editing. It is important to note that democratisation has its own limitations, including concerns about authenticity, quality, and the overabundance of narratives in the attention economy [4].

Some digital narratives are observed to lack merit or be perceived as unrealistic. The accessibility of creating content raises questions about the spread of false information and authenticity. The trust between the audience and storytellers can be weakened by stories that are altered, manufactured, or taken out of context [36]. Algorithm-driven platforms also favour sensation and viral stories over true ones. In the process, the relevance of narratives in changes that could misrepresent reality. These possibilities highlight the moral atmosphere of creating stories in digital spaces. From an economic perspective, digital storytelling is observed to pose some difficulties. Most digital stories, on most occasions, are fragmented and compressed for the limited attention of the audience [8]. The audience risks becoming overwhelmed by the volume of digital narratives, leading to story overload and reduced critical engagement. Although interactivity increases audience participation, Couldry [10] observes that it can also wear them out when they have to make decisions and follow several routes. Digital storytelling redefines narrative structure, incorporates multimodality, redistributes agency, and expands cultural participation in the process

of reimagining stories for the multimedia generation. However, it also brings problems of digital saturation, disinformation, and authenticity. The most thorough framework for understanding these dynamics is a theoretical synthesis that draws on media ecology, multimodality, participatory culture, and story theory. The constant balancing act between tradition and innovation, between narrative coherence and interaction, and between cultural preservation and the needs of the digital attention economy ultimately shapes digital storytelling.

5. Proposed Conceptual Model

As a reimagined narrative activity, digital storytelling requires a conceptual framework that accounts for its pedagogical, cultural, and technological dimensions. The Digital Storytelling Re-imagined Framework (DSRF), the model that is suggested, integrates ideas from media ecology, constructivism, multimodality, story theory, and participatory culture. It views digital storytelling as an ecology in which audience engagement, technology affordances, and narrative structure come together to influence the multimedia generation's sense of meaning [17]; [21]. The DSRF comprises four interconnected dimensions: (1) Narrative Structures (linear, non-linear, interactive, and fragmented), (2) Multimodal Resources (text, audio, visuals, VR/AR), (3) Agency and Participation (storyteller-audience dynamics, user-generated content, remix culture), and (4) Cultural Impact (inclusivity, preservation, democratization). These dimensions operate within a larger digital media ecology, shaped by technological infrastructures and socio-cultural contexts [25]; [27].

5.1. A Chart Representing the Model

The model highlights digital storytelling as a dynamic hub, constantly influenced by structures, modalities, participation, and culture (Figure 1).

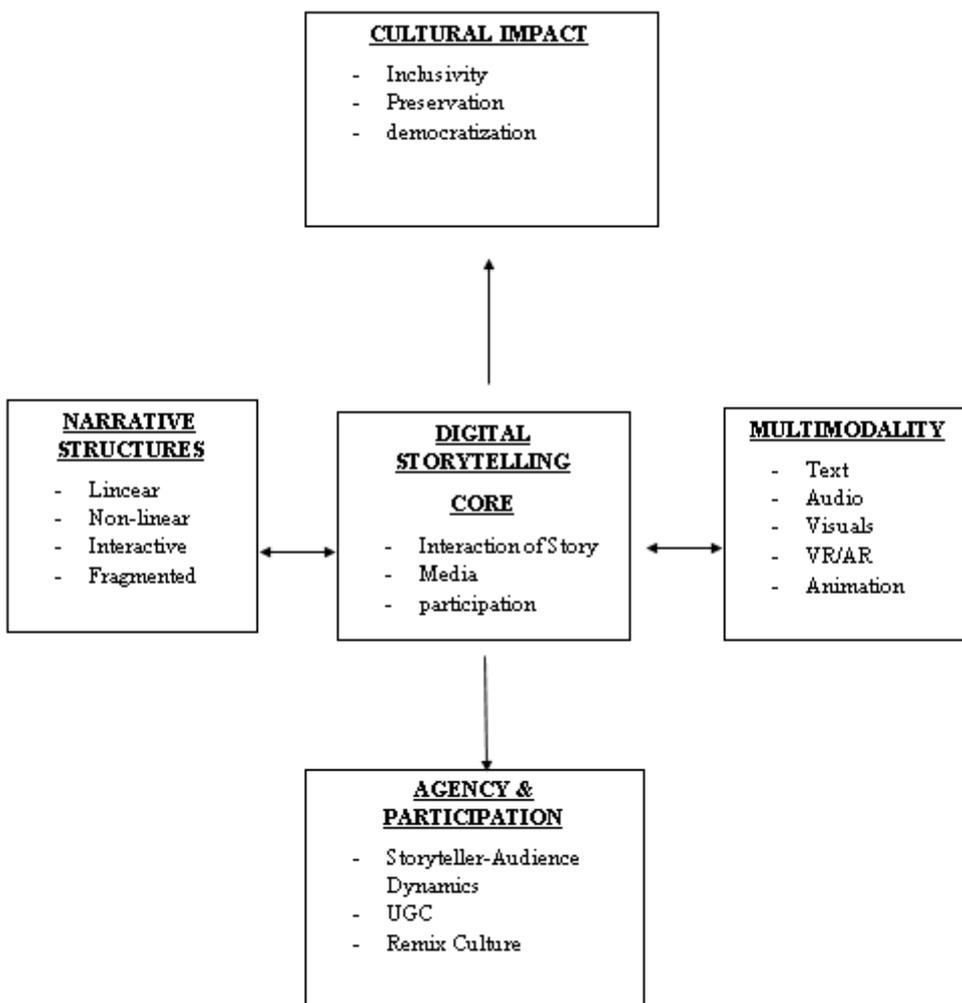


Figure 1: Conceptual framework of digital storytelling and its cultural impact

5.2. Structures in the Framework

Narrative structures constitute the backbone of the framework. Traditional linear storytelling continues, but digital narratives increasingly adopt nonlinear, interactive platforms where audience decisions shape story outcomes. Fragmented narratives are common on web-based and social media platforms. Such storytelling reflects the hyperlinked logic of digital culture. The consideration of these structures in the model explains why the framework acknowledges the evolution of storytelling in the digital space. Multimodality promotes digital storytelling by combining sound, images, text, VR, and AR. This feature aids interpretation and engages the target audience within a narrative atmosphere, thereby redefining how stories are experienced, conceived, told, unravelled, and interpreted.

5.3. Relevance of the Model

Digital storytelling, unlike traditional narratives, encourages participatory culture, enabling audiences to contribute to narrative evolution through user-generated content, fan fiction, and remix culture. It recognises agency as both an outcome and a driver. Digital storytelling promotes inclusivity and democratisation of voices. It therefore helps preserve traditions and counter-histories for marginalised communities. It serves as an instrument for cultural continuity and transformation in global information dissemination. The DSRF framework in education empowers students to create multimodal narratives, enhancing critical thinking, creativity, and digital literacy. Teachers can use it to design student-centred assignments. The DSRF demonstrates how digital storytelling, for example, in journalism, entertainment, and advertising, helps audience engagement. This is ensured through interactive documentaries, VR reports, and transmedia storytelling that leverage multimodality and interactivity. The DSRF enables cultural institutions such as museums and libraries to integrate digital storytelling into their operations, thereby enabling inclusivity and long-term relevance. The DSRF also notes challenges such as misinformation, authenticity concerns, and digital overload in storytelling. It therefore stresses the need for digital literacy and critical thinking in education programmes and implementation. All things considered, the suggested framework provides a combined model that effectively conveys the complexity of digital storytelling in the multimedia generation. It provides a thorough perspective on interpreting and using digital storytelling by combining narrative structures, multimodality, agency, and cultural effects within a media environment. The DSRF recognises the ethical, pedagogical, and cultural obligations that come with using storytelling, while highlighting it as an artistic practice being reimagined for the digital age.

5.4. Implication of the Study

Digital storytelling is significant to education, particularly in digital literacy and curriculum design. Teachers can develop curricula that stimulate students' interest to interact critically and creatively with digital materials. This can be achieved by including multimedia narratives in their lessons. As students examine how tales are created on various social platforms, the practice will not only improve literacy but also encourage reflective learning [29]. Integration of digital storytelling into the classroom promotes a shift toward student-centred pedagogy, thereby helping students become co-creators of knowledge rather than passive consumers of information [33]. Digital storytelling, particularly in media, awakens and engages audiences by re-arranging conventional production and reception dynamics. The distinction between producers and consumers becomes more hazy as audiences become more involved as partners in meaning-making due to the growth of interactive platforms [18]. Innovative story formats like web series, transmedia campaigns, and interactive documentaries are made possible by participatory culture. This, in turn, helps the creative industries [10]. Digital storytelling stresses the crucial need to create narratives that connect emotionally with the audience in a way that is sustainable across multimodal platforms. Digital storytelling is an enduring tool for culture preservation, inclusiveness, and global engagement.

To ensure cultural continuity in an increasingly digital environment, indigenous and marginalised communities use digital platforms to document and transmit oral traditions [22]. Moreover, through digital technology, previously marginalised voices in popular narratives can gain a platform through the democratisation of storytelling. Digital equipment helps to increase narrative diversity. This automatically reshapes cultural memory by fostering intercultural communication, global empathy, and the identification of diverse viewpoints [11]. However, digital storytelling draws attention to the important issues facing education and culture. According to Murray [26], "In a media environment where stories can be altered, artificially created, or remixed, questions of authorship and authenticity become more complicated." The spread of false information further complicates the narrative environment. Economic realities of the moment also raise questions regarding the moral implications of digital storytelling. Critical media literacy programmes are intended to give viewers and learners the tools to recognise, assess, and interact with digital narratives, making meaning and interpreting them in terms of social and cultural values.

Future investigations into cutting-edge technologies such as artificial intelligence (AI), virtual reality (VR), and augmented reality (AR) are enabled by digital storytelling. The idea of developing immersive, interactive story worlds (made possible by digital storytelling) goes beyond conventional text-based structures [32]. Researchers should also examine the ethical issues of prejudice, representation, and authenticity surrounding machine-generated narratives, as Floridi and Cowls [14] suggest.

Researchers can gain a more lasting understanding of how storytelling evolves alongside technological advancements by investigating these questions. By and large, digital storytelling is considered a theoretical concept that outlines how narratives might revolutionise media, education, and cultural practices. It equally highlights important issues for consideration in future studies. To ensure that digital storytelling promotes diversity, critical engagement, and empowerment, educators, media professionals, and cultural guardians are expected to adapt as tales become increasingly multimodal and participatory. This adaptation is believed to be of help to future researchers.

6. Conclusion

This paper examines digital storytelling as a significant tool for reconceptualising narratives in a multimedia-oriented generation, in light of the growing focus on its theoretical underpinnings, cultural ramifications, and practical applications. Digital storytelling goes beyond traditional forms of storytelling by adding interactivity, multimodality, and a culture of participation. This changes how storytellers, audiences, and narrative structures relate to one another. As a result of this change, audiences are no longer just passive consumers; they are becoming active players who help build meaning in digital spaces. The research advances narrative theory by contesting traditional linear storytelling paradigms and promoting innovative frameworks that embrace multimodal expression, constructivist learning principles, participatory culture, and media ecology. Digital storytelling is regarded as a hybrid practice characterised by its distinct internal logic, creative opportunities, and intrinsic obstacles, rather than merely an extension of oral or written storytelling traditions. This new way of thinking helps academic discussion by recognising how digital media might change how stories are told today.

From a cultural standpoint, digital storytelling enhances inclusivity by elevating diverse voices and fostering cross-cultural dialogue in globally interconnected digital environments. It provides fresh perspectives on audience agency, cultural representation, and the development of story forms influenced by social media platforms and interconnected communication. Simultaneously, the study rigorously examines nascent issues, including deception, authenticity, ethical accountability, and the economic aspects of digital content production. The paper delineates prospective avenues for research, specifically with artificial intelligence, virtual reality, augmented reality, and the ethical ramifications of technologically mediated storytelling. These new technologies offer opportunities and ethical issues that need to be carefully studied by scholars. In conclusion, this work enhances narrative theory, enriches cultural practice, and offers practical guidance for negotiating the intricacies of storytelling in the multimedia era. It provides a comprehensive guide to understanding storytelling in a world that is becoming increasingly connected through digital technologies and platforms by rethinking stories.

Acknowledgement: N/A

Data Availability Statement: The data supporting the findings of this study are available from the author upon reasonable request to ensure transparency and reproducibility.

Funding Statement: The author confirms that no external funding was received for the preparation of this manuscript and the conduct of the research.

Conflicts of Interest Statement: The author declares no conflicts of interest related to this work.

Ethics and Consent Statement: The author confirms that this work is original and consents to its publication for academic and educational purposes.

References

1. B. Alexander, "The new digital storytelling: Creating narratives with new media," *Bloomsbury Publishing*, New York, United States of America, 2011.
2. H. Alismail, "Digital storytelling as a pedagogical tool in higher education," *Education and Information Technologies*, vol. 26, no. 2, pp. 1231–1245, 2021.
3. J. D. Bolter and R. Grusin, "Remediation: Understanding New Media," *MIT Press*, Cambridge, Massachusetts, United States of America, 2000.
4. D. Boyd, "It's Complicated: The Social Lives of Networked Teens," *Yale University Press*, New Haven, Connecticut, United States of America, 2014.
5. J. Bruner, "The narrative construction of reality," *Critical Inquiry*, vol. 18, no. 1, pp. 1–21, 1991.
6. J. Burgess and J. Green, "YouTube: Online Video and Participatory Culture," 2nd ed. *John Wiley & Sons*, New Jersey, United Kingdom, 2018.
7. A. Burn, "Multimodality and narrative in digital literacies," *Literacy*, vol. 55, no. 1, pp. 29–37, 2021.

8. N. Carr, "The shallows: What the Internet is doing to our brains," *W. W. Norton and Company*, New York, United States of America, 2010.
9. S. B. Chatman and S. Chatman, "Story and Discourse: Narrative Structure in Fiction and Film," *Cornell University Press*, Ithaca, New York, United States of America, 1978.
10. N. Couldry, "Media, Society, World: Social Theory and Digital Media Practice," *Polity Press*, Cambridge, United Kingdom, 2012.
11. N. Couldry and A. Hepp, "The Mediated Construction of Reality," *Polity Press*, Cambridge, United Kingdom, 2018.
12. N. Couldry and U. A. Mejias, "The costs of connection: How data is colonizing human life and appropriating it for capitalism," *Stanford University Press*, California, United States of America, 2019.
13. E. Fast and E. Horvitz, "Long-term trends in the public perception of artificial intelligence," in *Proc. AAAI Conf. Artif. Intell.*, vol. 31, no. 1, pp. 963-969, 2017.
14. L. Floridi and J. COWls, "A unified framework of five principles for AI in society," *Harvard Data Science Review*, vol. 1, no. 1, pp. 1-14, 2019.
15. J. Green and H. Jenkins, "Participatory Culture: Interviews with Henry Jenkins," *Polity Press*, Cambridge, United Kingdom, 2019.
16. M. L. Katz, M. Stump, I. Charney-Sirott, and H. Howlett, "Travelling with integrity: Translating face-to-face teacher professional learning to online and blended spaces," *Journal of Adolescent and Adult Literacy*, vol. 63, no. 2, pp. 217–223, 2019.
17. H. Jenkins, "Convergence Culture: Where Old and New Media Collide," *New York University Press*, New York, United States of America, 2006.
18. H. Jenkins, "Confronting the Challenges of Participatory Culture: Media Education for the 21st Century," *MIT Press*, Cambridge, Massachusetts, United States of America, 2009.
19. H. Jenkins, "Transmedia 202: Further reflections," *Henry Jenkins Official Blog*, California, United States of America, 2011.
20. H. Koenitz, "Understanding Interactive Digital Narrative: Immersive Expressions for a Complex Time," *Routledge*, London, United Kingdom, 2023.
21. G. Kress, "Multimodality: A Social Semiotic Approach to Contemporary Communication," *Routledge*, London, United Kingdom, 2009.
22. J. Lambert, "Digital Storytelling: Capturing Lives, Creating Community," *Routledge*, New York, United States of America, 2013.
23. L. Lessig, "Remix: Making Art and Commerce Thrive in the Hybrid Economy," 1st ed. *Bloomsbury Academic*, London, United Kingdom, 2008.
24. M. Lister, J. Dovey, S. Giddings, I. Grant, and K. Kelly, "New Media: A Critical Introduction," *Routledge*, London, United Kingdom, 2008.
25. M. McLuhan, "Understanding Media: The Extensions of Man," *MIT press*, Cambridge, Massachusetts, United States of America, 1964.
26. J. H. Murray, "Hamlet on the holodeck: The future of narrative in cyberspace," *MIT Press*, Cambridge, Massachusetts, United States of America, 2017.
27. N. Postman, "Teaching as a Conserving Activity," *Delacorte Press*, New York, United States of America, 1970.
28. M. Prensky, "Digital natives, digital immigrants," *On Horiz*, vol. 9, no. 5, pp. 1–6, 2001.
29. B. R. Robin, "The power of digital storytelling to support teaching and learning," *Digital Education Review*, vol. 30, no. 12, pp. 17–29, 2016.
30. J. Rowsell and M. Walsh, "Rethinking literacy education in the age of multimodality," *Journal of Literacy Research*, vol. 52, no. 1, pp. 105–116, 2020.
31. M. L. Ryan, J. Ruppert, and J. W. Bernet, "Narrative Across Media: The Languages of Storytelling," *University of Nebraska Press*, Lincoln, Nebraska, United States of America, 2004.
32. M. L. Ryan, "Narrative as Virtual Reality 2: Revisiting Immersion and Interactivity in Literature and Electronic Media," *Johns Hopkins University Press*, Baltimore, Maryland, United States of America, 2015.
33. A. Sadik, "Digital storytelling: A meaningful technology-integrated approach for engaged student learning," *Educational Technology Research and Development*, vol. 56, no. 4, pp. 487–506, 2008.
34. X. Li and W. Chen, "Core tech support networks and digital inequalities in American disadvantaged urban communities," *Journal of Computer-Mediated Communication*, vol. 26, no. 2, pp. 91–107, 2021.
35. L. S. Vygotsky, "Mind in Society: The Development of Higher Psychological Processes," *Harvard University Press*, Cambridge, Massachusetts, United States of America, 1978.
36. C. Wardle and H. Derakhshan, "Information Disorder: Toward an Interdisciplinary Framework for Research and Policymaking," *Council of Europe*, Strasbourg, France, 2017.