

Chapter 9

FinTech Frontier: Navigating the New Horizons and Challenges for Startups

Anju Rohilla

Department of Business Studies, PIET, India

Priya Jindal

Chitkara Business School, Chitkara University, India

ABSTRACT

The adoption of digitalization and favorable regulatory initiatives resulted in the rapid growth of the Fintech sector in recent years. There are limitless opportunities for the person with the right vision and executor plan in the fintech sector from digital payments and peer-to-peer lending to wealth management and insurance. This chapter aims to explore the fintech sector and examines the remarkable new opportunities and significant challenges that fintech firms face as they strive for innovation and expansion. The research aims to provide valuable insights into the factors that contribute to the success or hindrance of fintech startups. The findings of the study show that there is a wide range of potential opportunities available for fintech firms globally, in sectors including lending, wealth management, and digital payments.

INTRODUCTION

The FinTech ecosystem is a vibrant community inside the constantly changing finance industry. The term “fintech” is ephemeral, continuously changing and expanding like a digital phoenix to include a wide range of services that are revolutionizing the way we use

DOI: 10.4018/979-8-3693-1107-3.ch009

and interact with money. Within the sphere of digital technology, FinTech companies not only provide services but also engage in the precise orchestration of financial operations.

The emergence of Fintech Services initially revolved around the provision of payment alternatives, effectively integrating the many aspects of financial transactions. Subsequently, the focus expanded to encompass internet-based financing, wherein loans are originated within the digital marketplace. Mobile applications have emerged as powerful tools, enabling individuals to conveniently access financial resources with a simple tap on their screens. The act of financing takes on the characteristics of a metaphorical pilgrimage, while foreign exchange becomes the form of a worldwide discourse. Remittances exhibit a seamless transnational flow.

MEANING OF FINTECHS

The financial technology (fintech) sector is at the forefront of revolutionary change in a world featured with increasingly connected due to fast technological innovations. Fintech services are becoming increasingly popular in the present day. In 1972, A New York banker has used the term fintech for the first time (Vijai, 2019). The term “financial technology” (or “fintech”) is used to describe an industry in which businesses effectively deliver financial services by leveraging technological developments. This sort of service is becoming increasingly popular in the present day. Newly founded firms are endeavoring to substitute conventional transaction processes with current and efficient techniques by applying technology in the financial sectors. Let’s us talk about either Peer-to-peer lending or payment services or e-wallets are among the popular technological innovations in financial services which reveals that how technology is changing the way we bank, invest, and transact throughout the world (Pant, 2020). The objective of these initiatives is to enhance the advantages and optimize the efficiency of financial transactions. Furthermore, they contribute to reducing client expenditures.

Nine technologies were identified, with each one representing a distinct element of innovation within the field of Financial Technology (FinTech) (mckinsey.com, 2021). These are as follows:

1. Cloud computing allows information to be stored and accessed remotely.
2. Externalizing processes and services connect the past and the present.
3. Robotic Process Automation (RPA) is widely recognized as a pivotal driver of operational efficiency.
4. Advanced analytics is a sophisticated tool that possesses the ability to predict future financial outcomes.
5. Digital transformation is a transformative process that gives rise to a novel financial landscape.

19 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage: www.igi-global.com/chapter/fintech-frontier/336746

Related Content

Industry 5.0 and Cyber Crime Security Threats

Lila Rajabion (2023). *Advanced Research and Real-World Applications of Industry 5.0* (pp. 66-76).

www.irma-international.org/chapter/industry-50-and-cyber-crime-security-threats/324181

"E-Culture System": A New Infonomic and Symbionomic Technical Resource to Serve the Intercultural Communication

María Mercedes Clusellaand María Gabriela Mitre (2014). *Advanced Research and Trends in New Technologies, Software, Human-Computer Interaction, and Communicability* (pp. 466-479).

www.irma-international.org/chapter/e-culture-system/94253

Understanding the Dimensions of IT Governance Culture

Bruce Rowlands, Steven De Haesand Wim Van Grembergen (2018). *Technology Adoption and Social Issues: Concepts, Methodologies, Tools, and Applications* (pp. 920-930).

www.irma-international.org/chapter/understanding-the-dimensions-of-it-governance-culture/196711

Chances for and Limitations of Brain-Computer Interface use in Elderly People

Emilia Mikoajewska, Dariusz Mikoajewski, Tomasz Komendziski, Joanna Dreszer-Drogorób, Monika Lewandowskaand Tomasz Wolak (2016). *Human-Computer Interaction: Concepts, Methodologies, Tools, and Applications* (pp. 1723-1734).

www.irma-international.org/chapter/chances-for-and-limitations-of-brain-computer-interface-use-in-elderly-people/139115

Cyber Security in the Cloud: Harnessing the Power of Machine Learning and Cloud Cryptography

Nahida Majeed Waniand Ajay Verma (2024). *Driving Decentralization and Disruption With Digital Technologies* (pp. 231-249).

www.irma-international.org/chapter/cyber-security-in-the-cloud/340296