

Table of Contents

Disclaimer	2
Trademarks	2
Liability	2
Preface	4
Chapter 1 A Brief History of Metaverse	10
Chapter 2 What is Metaverse?	22
Definition of Metaverse	24
Framework for the Metaverse	26
Chapter 3	29
NFT, IPFS and Metaverse	29
Chapter 4	31
Metaverse in Gaming	31
4.1 The Sandbox	32
4.2 Decentraland	37
4.3 Cryptovoxels	39
4.4 Somnium Space	41
4.5 Decentral Games	45
4.6 Axie Infinity	48
4.7 MOBOX	54
4.8 GALA	60
4.9 CryptoBlades	65
4.10 Star Atlas	73

	7
4.11 Radio Caca Metaverse	76
4.12 Relife Metaverse	77
Chapter 5 The Future	79
5.1 Metaverse in Tourism	79
5.2 Metaverse in Real Estate	80
5.3 Metaverse in Education	83
5.4 Metaverse in Healthcare	85
5.5 Metaverse in Manufacturing	87
5.6 Metaverse as a Service (Maas)	89
5.7 Metaverse Standards and Interoperability	94
5.8 Psychological Impacts of Metaverse	97
5.9 Metaverse Security and Privacy Concerns	97
Appendix 1	100
Relife Whitepaper	100
1. About Relife	100
1.1 Project Introduction	100
1.2 Background	101
1.2.1 The Concept of a Metaverse	101
1.2.2 Internet Consumption Upgrade	101
1.2.3 High-tech Support	102
1.2.4 Market Value of the Metaverse	102
1.3 Roadmap	104
Phase I: Years 1–3: Building the Gamefi ecosystem.	104
Phase II: Years 3 – 5: Building the defi ecosystem and introducing VR & AR	104

	8
Phase III: Years 5 -10: Establishing the metaverse ecosystem	104
2. Gamefi Section	105
2.1 Loot Box	105
2.2 Land Auction	105
2.3 Sports Competitions and Land Games	106
2.3.1 Entry Level Games	106
2.3.2 Featured Games	106
2.4 Sports Competition	106
2.5 Developers' Ecosystem	107
2.5.1 Developers	107
2.5.2 Ecosystem	107
3. Data Centers as the New Infrastructure	107
4. Key Indicators	108
4.1 Revenue Sources of the Platform	108
5. Technology Roadmap	108
5.1 Relife Technical Layer Architecture	108
a. Foundational Layer	109
b. Baseline Layer	109
c. Working Layer	110
d. Application Layer	110
5.2 Smart Contracts and GitHub	111
6. Roadmap and Completed Milestones (next 3 years)	111
Phase 1: 2021/Q3-Q4	111
Phase 2: 2022/Q1-Q3	111
Phase 3: 2022/Q4	111

	9
Phase 4: 2023/Q1-Q4	112
7. Disclaimer	112
Index	113
References	117