



METaverse

The Future of Socializing



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MASSIVE MULTIPLAYER ONLINE

Video game online dengan banyak pemain di server
yang sama pada saat bersamaan

Ragnarok Online



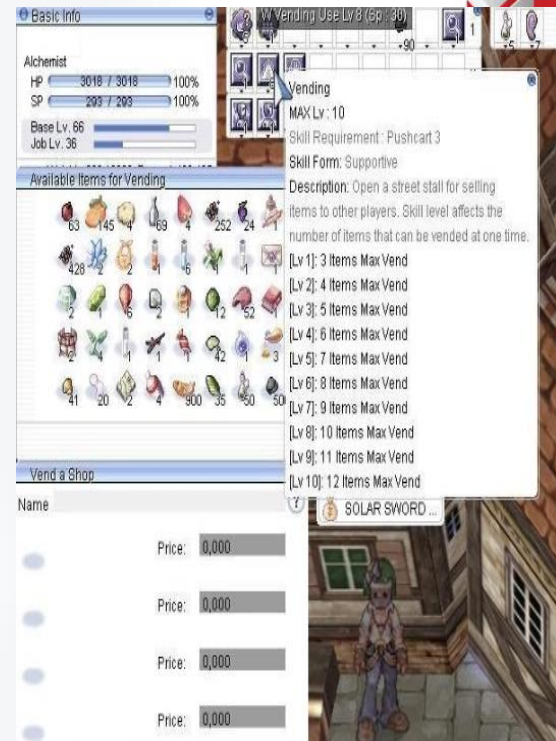
Elemen MMO



Avatar



Multiplayer



Transaction

Elemen MMO



Quest



Chat



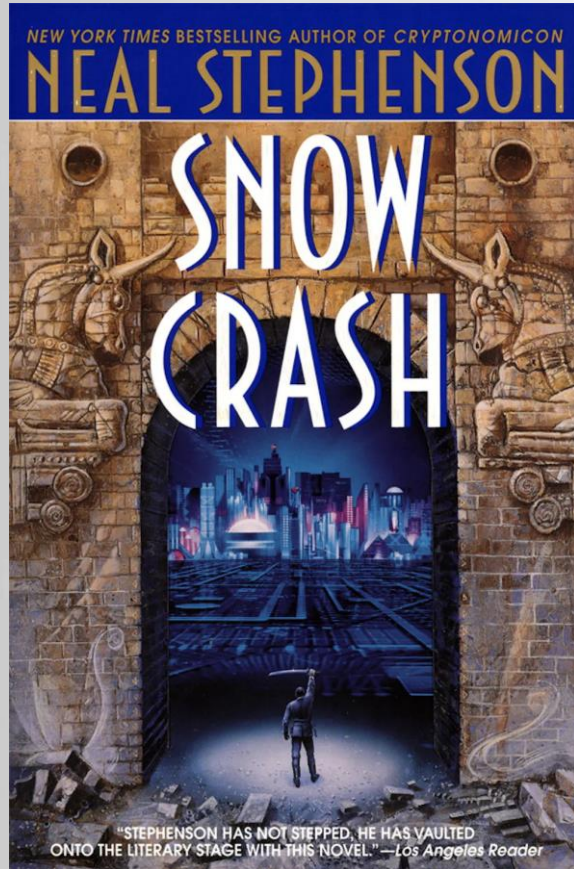
Exploration



METaverse INTRODUCTION

Ruang virtual tempat pengguna bisa membuat dan menjelajah dunia dengan pengguna lainnya (Marc Zuckerberg)

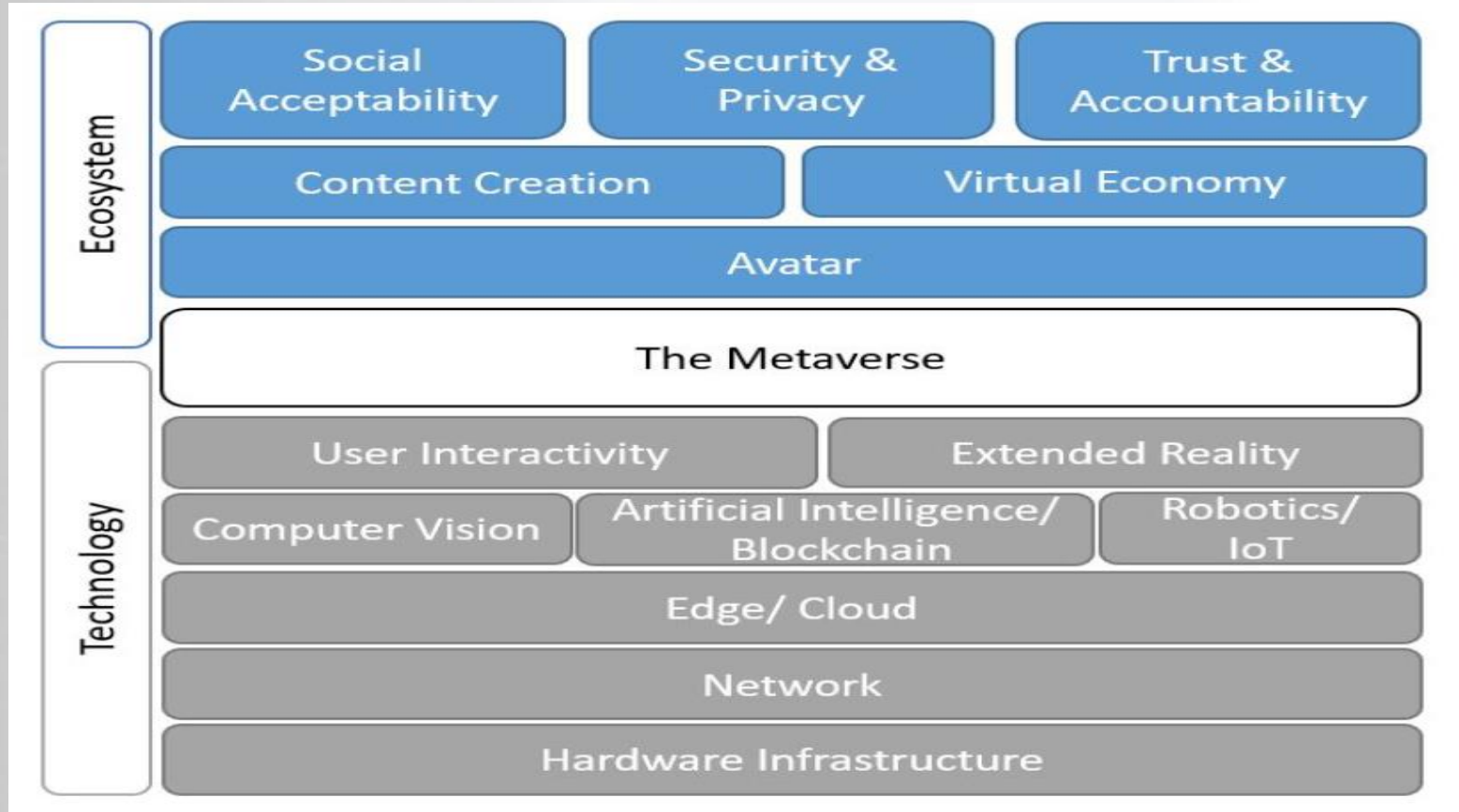
Metaverse History



Metaverse:

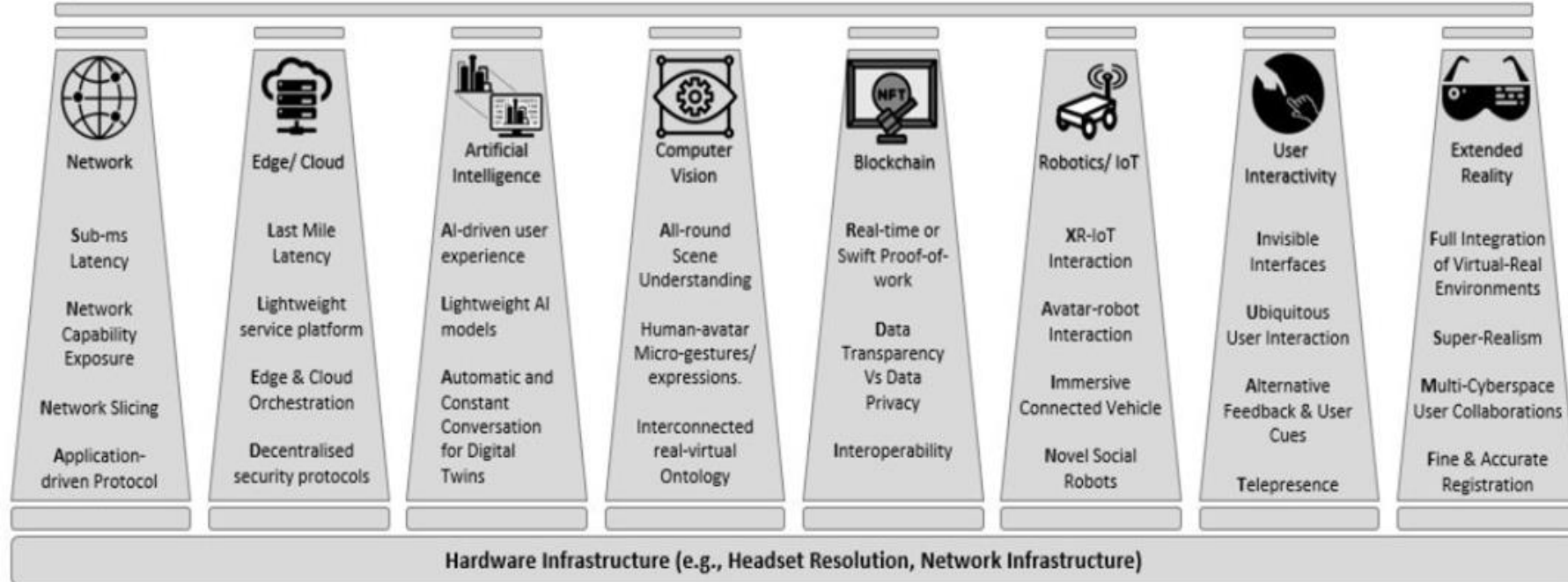
The concept of a fully immersive virtual world where people gather to socialize, play, and work

Metaverse Component



Metaverse Technology Enablers

The Eight Pillars of Metaverse Technology Enablers



Metaverse Ecosystem

The Six Pillars of Metaverse Ecosystem



Avatar

User Identity & Representation
(Physical Self vs Avatar)

Avatar Liability
Responsibility

Avatar
Immortality &
Digital Humanities



Content Creation

Censorship

Authoring Tools

Acceptability of
New Contents

Ownership of New
Creation

Virtual Brainstorming



Virtual Economy

Inter-world
Asset
Management

Low-Carbon
NFT Transaction

Economic Crisis &
Decentralised
Governance



Social Acceptability

User Addiction

Cybercrime

Green Metaverse

User Fairness

Privacy Threats

User Diversity



Security & Privacy

Seamless
Authentication

Identifying
Deep-fake under
Super-realism

Fairness &
Consensus for
Data Trading



Trust & Accountability

Trust between
User & Avatars

Consistent
Digital Identity
(Single vs Multiple)

Cyberspace
Accountability

Trust Repair



METaverse TRENDS

Metaverse akan mengubah proses kerja seseorang di masa depan

Metaverse Trends

Changes that will occur due to the metaverse trend include:

- **Work Culture**
- **Business Opportunities**
- **Screen Time Duration**
- **Social Relations**

Work Culture



Online work culture will be one of the main alternatives in the future

Screen Time Duration



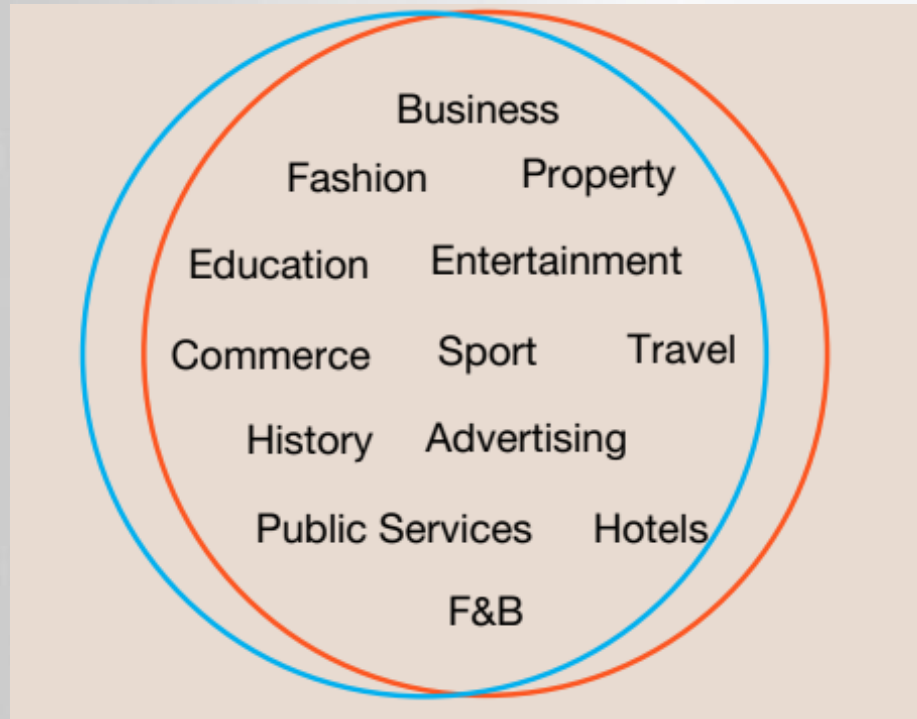
The duration of staring at the screen in the new generation is getting longer

Social Interaction



Social interactions can occur more smoothly in the virtual world

Business Opportunity



The job opportunities in the metaverse are almost limitless



METaverse PLATFORM

Metaverse Platform merupakan software yang dapat digunakan untuk membangun mekanisme interaksi virtual

Metaverse Builder (Gather Town)



Metaverse Builder (Spot Virtual)



Metaverse Builder (Horizon)



Metaverse Builder (Altspace VR)



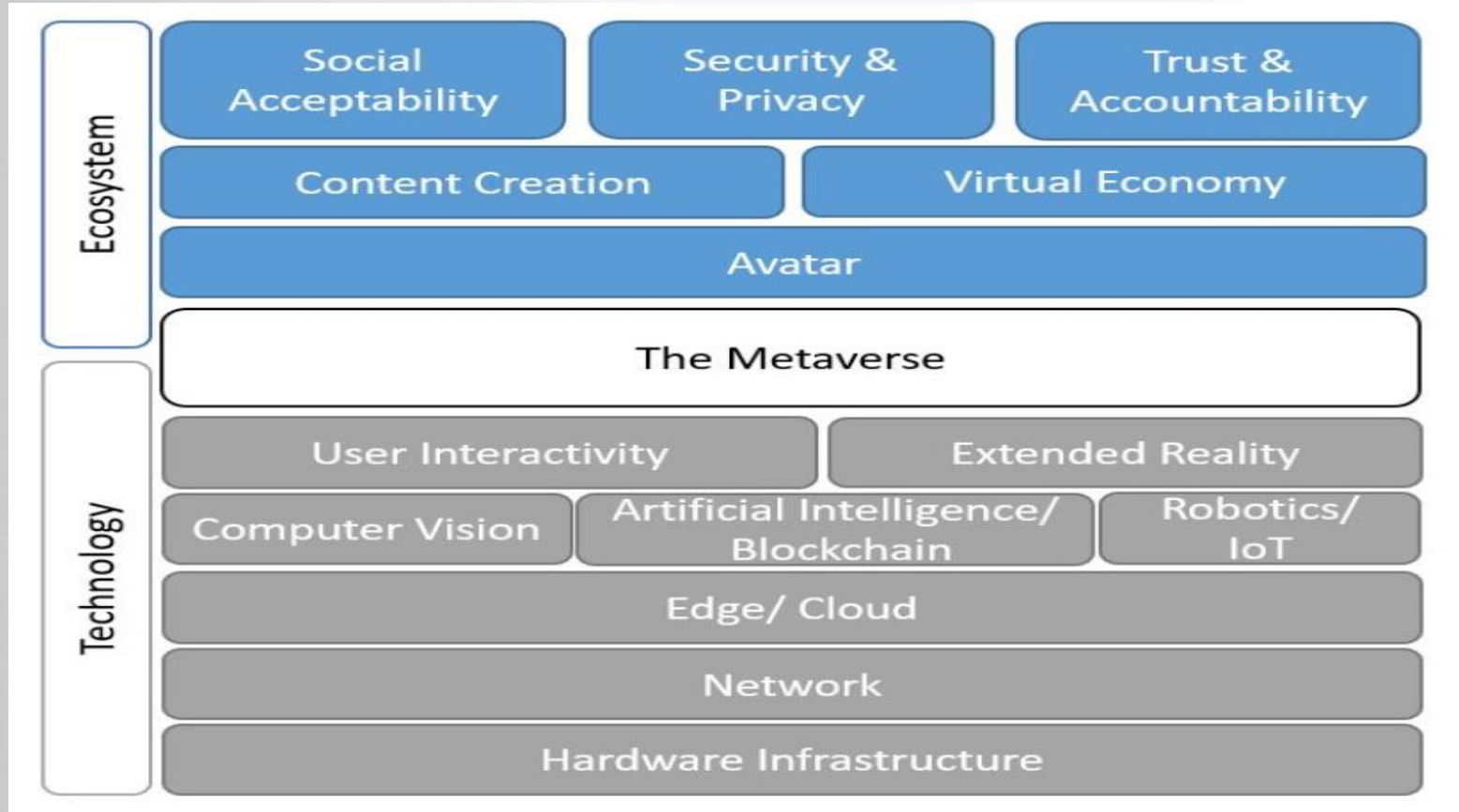
Metaverse Builder (Mozilla Hubs)



Metaverse Builder (Mozilla Hubs)



Conclusion





TERIMA KASIH