

Project Report On

Android Application Development

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Abstract:

Today is the world of mobile technology and their increasing availability mobile devices particularly Android platforms have important role in the field of entertainment, Communication and learning. The appearance of mobile platforms are based on the open source software that rapidly increased the interest in mobile applications development or android technology this project represent the mobile application of web3

System Requirements:

- I3 Processor

Software Requirement:

- Android SDK
- Android Studio
- SDK tools

Task Performed

For developed app we have used the basic language of Android - Java, as well as XML for establishing the UI properly. We also needed a few permissions and libraries as well for the best possible outcome of the built-in widgets

Languages:

- Kotlin (Android version)
- XML

Tools & Servers:

- Android Studio
- Storage
- Google Play Services

Project Overview:

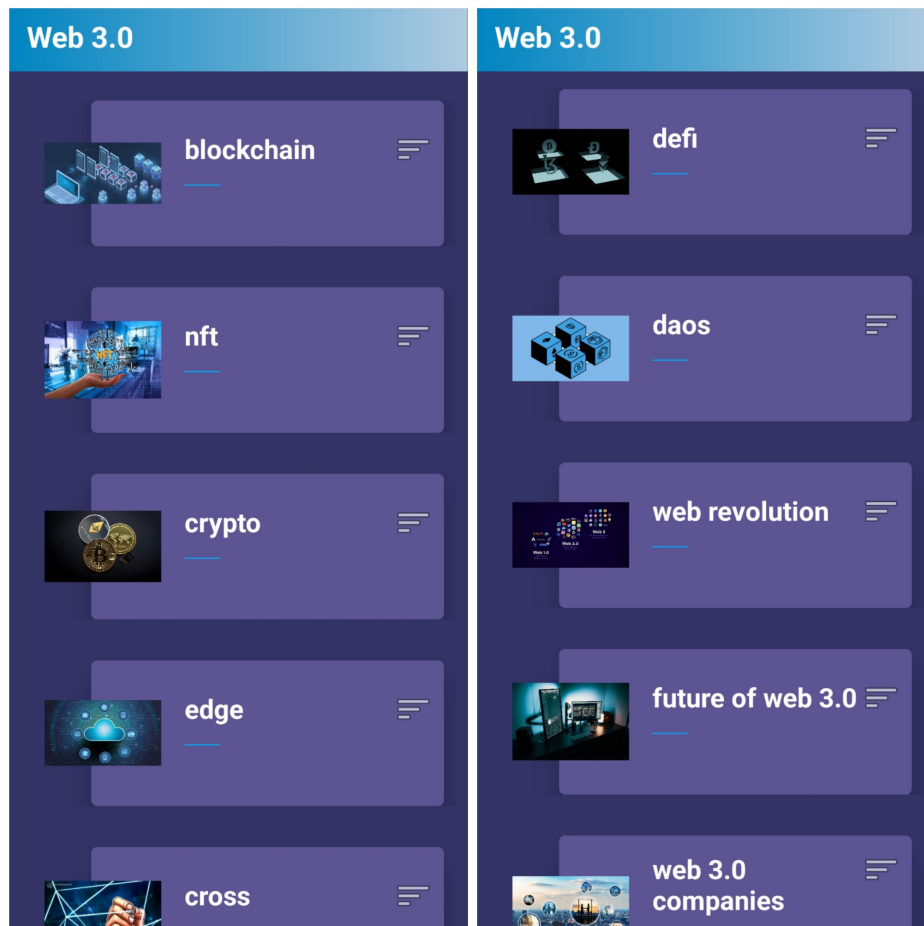
The era of mobile technology or android technology opens the windows to the android app. The websites are vanishing as well as mobile phones are emerging, the time to change from conventional websites to apps so i introducing my app which is web 3.0 application which the third generation of the evolution of web technologies. Web 3 or Web 3.0, is mainly based on the concept of decentralized ecosystem so in this app give the brief information of web3 technologies, i.e., blockchain , decentralisation, cross chain, edge,defi,nft,cryptocurrency etc and the information related to future technology like Web3.0, dApps, NFT,DAO and many more To understand all kinds of the latest and new technology, we have developed this app so that you can get information about future technology like web3.0, DAO, dApps,NFT, and so on. When you listen about web3, you'll note that cryptocurrency is also a part of this web3 communication. Cryptocurrency has an important role. It provides financial tokens for people who want to participate in creating, governing, contributing to, of the projects themselves.

web3 applications either run on decentralized,blockchains networks of many servers or a combination of the two that forms a crypto economic protocol. These all apps are referred to as dapps and you will see that term used in the web3 space.

- Blockchain
- NFT
- Cryptocurrency
- Edge
- Cross chain
- Defi
- DAOs
- Web Revolution
- Future of web 3.0
- Web 3.0 companies

Snapshot of output:

(web3 Application)





blockchain

OVERVIEW

What Is Blockchain Technology?

Blockchain is a method of recording information that makes it impossible or difficult for the system to be changed, hacked, or manipulated. A blockchain is a distributed ledger that duplicates and distributes transactions across the network of computers participating in the blockchain.

Blockchain technology is a structure that stores transactional records, also known as the block, of the public in several databases, known as the "chain," in a network connected through peer-to-peer nodes. Typically, this storage is referred to as a 'digital ledger'.



nft

OVERVIEW

What Is a Non-Fungible Token (NFT)?

Non-fungible tokens (NFTs) are cryptographic assets on a blockchain with unique identification codes and metadata that distinguish them from each other. Unlike cryptocurrencies, they cannot be traded or exchanged at equivalency. This differs from fungible tokens like cryptocurrencies, which are identical to each other and, therefore, can serve as a medium for commercial transactions.

How NFTs Work?

Many NFTs are created and



crypto

OVERVIEW

What is cryptocurrency?

A cryptocurrency (or "crypto") is a digital asset that can circulate without the need for a central monetary authority such as a government or bank. Instead, cryptocurrencies are created using cryptographic techniques that enable people to buy, sell or trade them securely.

How does cryptocurrency work?

Bitcoin and most other cryptocurrencies are supported by a technology known as blockchain, which maintains a tamper-resistant record of transactions and keeps track of



edge


OVERVIEW

What is edge computing?

Edge computing is an emerging computing paradigm which refers to a range of networks and devices at or near the user. Edge is about processing data closer to where it's being generated, enabling processing at greater speeds and volumes, leading to greater action-led results in real time.

What are Edge Devices?

An edge device is a machine on the edge network that handles storage, data processing, and input/output operations. In most cases, this will be your IoT or



cross

OVERVIEW

What is Cross-chain Technology

Blockchain and distributed ledger technologies are growing in popularity daily. Connecting these new chains is becoming more crucial as more consumers become aware of developing technology's potential. Let's go further to understand what blockchain interoperability is why it is so critical.

The number of blockchain initiatives is increasing because developers are thinking outside the box to maximize the possibilities of the technology. Additionally, the rise reflects the recognition that no one



defi

OVERVIEW

What Is Decentralized Finance (DeFi)?

Decentralized finance (DeFi) is an emerging financial technology based on secure distributed ledgers similar to those used by cryptocurrencies. The system removes the control banks and institutions have on money, financial products, and financial services.

Some of the key attractions of DeFi for many consumers are:

It eliminates the fees that banks and other financial companies charge for using their services.

You hold your money in a secure



The diagram shows a central white square with a blue icon of a document and a magnifying glass. This square is surrounded by a network of blue cubes connected by lines. Below this network is a small blue square containing a white icon of a building or structure.

daos

OVERVIEW

What Is a Decentralized Autonomous Organization (DAO)?
A decentralized autonomous organization (DAO) is an emerging form of legal structure. With no central governing body, every member within a DAO typically shares a common goal and attempt to act in the best interest of the entity. Popularized through cryptocurrency enthusiasts and blockchain technology, DAOs are used to make decisions in a bottoms-up management approach.

How DAOs Work
DAOs rely heavily on smart contracts. These logically coded agreements dictate



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web revolution

OVERVIEW

What Is Web 1.0?

Web 1.0 is the first phase of the World Wide Web. Essentially, it is a Content Delivery Network (CDN) that facilitates displaying information on websites.

As explained earlier, people dub Web 1.0 as a read-only web. The reason is that websites hosted on this version of the web were static, ISP-managed web applications. Essentially, there was no way of interacting with the content on the website except viewing it.

Web 1.0 has a small population of content creators as well as a large



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future of web 3.0

OVERVIEW

Web 3.0 and the Metaverse – the future

Both the technologies of Web 3.0 and the Metaverse support each other perfectly. Although the Metaverse is a digital space while Web 3.0 favors a decentralized web, it could serve as the basis for connectivity in the Metaverse. On the other hand, the creator economy in the Metaverse can nicely supplement the vision of Web 3.0 by developing a whole new financial world with the implementation of decentralized solutions.

As we move towards decentralized Web 3.0, we need to consider

