

Sr.No	Name	Objective	Working	Output	References
1.	Venturing Crowdfunding using Smart Contracts in Blockchain	The objective of the research paper, " <i>Venturing Crowdfunding using Smart Contracts in Blockchain</i> ," is to enhance the crowdfunding process by introducing a blockchain-based platform. It aims to allow investors to contribute effectively to projects using smart contracts, providing both project creators and investors with security, control, and transparency over the funds.	The proposed method integrates smart contracts within a decentralized blockchain network. It eliminates the need for third-party intermediaries, ensuring secure transactions between project managers and contributors. Investors can contribute to projects via smart contracts, which automatically manage and validate transactions. A voting system is incorporated, where contributors approve or reject spending requests from project managers.	The paper successfully implements a decentralized crowdfunding platform using Ethereum smart contracts. It provides a working solution where projects can be created, funds can be contributed securely, and contributors can participate in decision-making regarding fund utilization. The platform reduces risks associated with traditional crowdfunding methods and offers a more secure, transparent process.	Publication-IEEE Authors - Nikhil Yadav Sarasvathi V
2.	Analysis of Crowdfunding Platform in Encouraging Equal Health Services	The objective of the research paper, " <i>Analysis of Crowdfunding Platform in Encouraging Equal Health Services (a case study of Kitabisa.com)</i> ," is to evaluate how the crowdfunding platform Kitabisa.com contributes to improving equality in health services in Indonesia. The paper focuses on analyzing the platform's ability to meet the four elements of the right to health as defined by the World Health Organization (WHO): availability,	The paper explores Kitabisa.com, a crowdfunding platform, which enables users to raise funds for various social causes, including health treatments. The platform connects donors with individuals or groups in need of financial assistance for healthcare. The study assesses the platform's operations through testimonials, comments, and campaigns, focusing on how well it helps users gain access to essential health services.	The study concludes that Kitabisa.com successfully supports the four elements of the right to health. Through crowdfunding campaigns, the platform has improved access to health services for underprivileged communities, facilitated timely medical treatments, and raised awareness on critical health issues. It has proven effective in raising funds for individuals and health infrastructure, promoting equal access to quality healthcare.	Publication-IEEE Authors - Akbar Imanulrachman Andes Suciani Fahmi Rahmat Kurniawati Sony Suprpto

		accessibility, quality, and equality.			
3.	Toward a Blockchain Enabled Crowdsourcing Platform	The paper investigates how Blockchain technology can enhance crowdsourcing platforms by improving security, data integrity, and nonrepudiation, which are critical aspects not fully guaranteed by existing systems.	The research explores the limitations of traditional centralized crowdsourcing platforms and how Blockchain, through decentralized ledger technology, addresses issues such as system vulnerabilities, data breaches, and free-riding. The paper outlines the use of Blockchain for recording immutable transactions between peers, verified by consensus mechanisms like Smart Contracts. It also discusses decentralized task management and the benefits of distributed platforms.	The study concludes that Blockchain can significantly enhance crowdsourcing by providing a secure, transparent, and efficient platform, minimizing vulnerabilities like single points of failure, and enabling trustworthy peer-to-peer collaboration. It presents use cases such as fake news detection and task offloading in decentralized systems.	Publication-IEEE Authors - Dimitrios G. Kogias Helen C. Leligou Michael Xevgenis Maria Polychronaki
4.	NF-Crowd: Nearly-free Blockchain-based Crowdsourcing	The paper introduces *NF-Crowd*, a Blockchain-based decentralized crowdsourcing solution that resolves scalability and cost issues prevalent in current decentralized platforms. It aims to significantly reduce the cost of running decentralized crowdsourcing projects on Blockchain networks such as Ethereum.	NF-Crowd uses smart contracts and decentralized protocols to manage crowdsourcing contests and reviews, leveraging Blockchain for security and transparency. It reduces the need for multiple transactions, minimizing the fees paid to miners. The protocols aggregate entries and votes off-chain and only post final results on-chain, reducing the interaction cost to $O(1)$ even as the number of participants increases. It ensures project completion as long as one honest participant is involved.	The NF-Crowd protocol successfully reduces the cost of running a crowdsourcing project to under \$2, regardless of crowd size, offering a scalable and cost-effective alternative to traditional centralized platforms	Publication-IEEE Authors – Chao Li Balaji Palanisamy Runhua Xu Jian Wang Jiqiang Liu
5.	Crowdfunding for Financing Wearable Technologies	The paper explores the use of electronic crowdfunding platforms as a means for entrepreneurs to	The study examines the role of crowdfunding platforms in connecting entrepreneurs with multiple investors. It	The study presents a model-based framework that helps in evaluating different crowdfunding models	Publication-IEEE Authors – Fehmi Tanrisever Karen-Ann Wismans

		<p>secure financing for wearable technology projects. The objective is to develop a framework to evaluate the implications of crowdfunding, focusing on a debt-financing model and its impact on the entrepreneur's decisions and incentives.</p>	<p>focuses on debt-based crowdfunding, where the entrepreneur sets a predetermined return for investors, dependent on the venture's revenue. The research develops a mathematical model to optimize the entrepreneur's production decisions under demand uncertainty and debt repayment obligations. The entrepreneur's decisions are guided by forecasted demand, production costs, and the need to avoid bankruptcy.</p>	<p>and financial structures. It demonstrates that under debt-based crowdfunding, entrepreneurs adopt conservative production strategies to minimize bankruptcy risk. The model provides practical guidelines for platforms to design optimal financial structures and assist entrepreneurs in maximizing their expected profits</p>	
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