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Abstract

As domestic markets continue to progress in the wake of technological advancement, cryptocurrency has become a rapidly developing factor in socio-economic environments. Since its launch in 2009, cryptocurrency has progressed from a single-network engagement system into a universal blockchain model being integrated into global financial systems. In partnership with the prestigious O. M. Beketov National University of Urban Economy in the Ukraine, the union of two students from the University of North Florida seek to intricate on the fundamentals of cryptocurrency. To cohesively understand how cryptocurrency systems operate, elaboration on the mechanism of blockchain has been provided to enable insight into the functionalities of digital assets. Additionally, through the incorporation of current contingencies, perspective on the existing cryptocurrency market is denoted, inclusive of key exchange platforms and the most prominent coins. The leading endeavor of the presentation is to inform students of how to invest in cryptocurrency as a means of early investment opportunities. In turn, information on how to develop a portfolio of investments and upkeep a healthy cryptocurrency wallet, an actual example of one of the researcher's personal investments is discussed. Moreover, as modernity becomes further embedded into societal norms, students are educated on how cryptocurrency enlists as an emerging player in fiscal models through conversation on the challenges posed and opportunities arising. Lastly, to showcase that cryptocurrency is being propagated amongst distinguishable markets, a series of companies have been listed in which their respective business strategies have begun to integrate the usage of cryptocurrencies as a form of transactions and to levy the value to which digital assets will mow undertake. As history has progressed and been delineated by several means of currency bound systems, the 21st century seems to be pursuing cryptocurrency as a transparent, secure, and flexible structure that promotes independence, control over assets whilst also enabling investors with strong purchasing power on a global scale.