



**FINAL YEAR PROJECT REPORT
CROWD FUNDING SMART CONTRACT USING
ETHEREUM BLOCKCHAIN**

**In fulfillment of the requirement
For degree of
BS (COMPUTER SCIENCES)**

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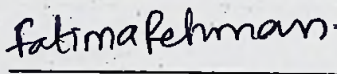
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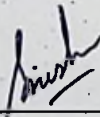
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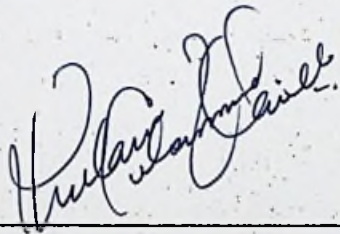
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We certify that this project report entitled "CROWD FUNDING SMART CONTRACT USING ETHEREUM BLOCKCHAIN" was prepared by Fatima Rehman, Syeda Nisha Zehra and Momna Azmat has met the required standard for submission in partial fulfilment of the requirements for the award of Bachelor of Computer Science at Bahria University.

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Specially dedicated to
my beloved grandmother, mother and father
(Momna Azmat)
my beloved grandmother, mother and father
(Fatima Rehman)
my beloved grandmother, mother and father
(Syeda Nisha Zehra)

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CROWD FUNDING SMART CONTRACT USING ETHEREUM BLOCKCHAIN

ABSTRACT

Initially, block chain is only used as a foundation of crypto currency, but today, we can see the rise of this new emerging technology are being implemented in many industries. In the future, most technologies around the world are expected to use block chain as an efficient way to make online 2019 transactions. One of the areas that block chain technologies can be applied is crowd funding platforms. The common difficulties with current crowd funding scene in around the world including is that the campaigns are not regulated and some of the crowd-funding campaign turned out to be fraud. Besides, the completion of some projects also was significantly delayed. This project aims to solve these problems by applying Ethereum smart contracts to the crowd funding site to that the contracts will be fully automatically executed, thus preventing frauds and ensuring that the projects can be delivered within duration given. Decentralization is seen as a mechanism in the humanitarian field for transferring strategic responsibility and jurisdiction from central offices closer to areas of operations. It also leads to a change in the power hierarchy, with decision-making authority sitting less and less at headquarter, depending on the degree of decentralization (localization, delegation, or devolution).

Over the course of many decades, the term has grown in popularity in civil society. For example, as population's health status shifted and healthcare capabilities around the world expanded, so did the kinds of organizations the WHO worked with and their operations. Based on this, the World Health Organization (WHO) and the United Nations Children's Fund (UNICEF) coordinated and funded the International Conference on Primary Health Care System in Alma-Ata, Kazakhstan, in 1978. (USSR). The event called for change, especially in the area of decentralization. Decision-makers are physically present in the program field in a decentralized environment, which has the benefits of more tailored responses, quicker funding turnover, increased policy implementation, greater leveraging of competitive advantages, stronger teamwork, and less bureaucracy. Despite these benefits, INGOs, on the other hand, have been reluctant to go past translation and delegate decision making or administration to local workers.

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