**Crowdfunding website**

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**P.E.S. College of Engineering, Aurangabad**

(2022- 2023)

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Submitted by

**Prajwal Deshpande (B24)**

**In partial fulfillment of**

**Bachelor of Technology**

**(Computer Science & Engineering)**

Guided by

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Department of Computer Science & Engineering

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(2022- 2023)

**Project Approval Sheet**

**Prajwal Deshpande (B24)**

have done the appropriate work related to **“ CROWFUNDING WEBSITE”** in partial fulfillment for the award of Bachelor of Engineering (Computer Science & Engineering) degree of Dr. Babasaheb Ambedkar Technological University, Aurangabad (M.S.) and is being submitted to P.E.S. College of Engineering, Aurangabad.

Internal Examiner: (Guide)

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Date:

Place: P.E.S. College of Engineering, Aurangabad.

**CERTIFICATE**

This is to certify that, the Project “**Crowdfunding Website**” submitted by

**Prajwal Deshpande (B24)**

Is a bonafide work completed under my supervision and guidance in partial fulfillment for award of Bachelor of Engineering (Computer Science & Engineering) Degree of Dr. Babasaheb Ambedkar Technological University, Aurangabad.

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**List of abbreviations**

**Sr. No. Abbreviation Description**

1 DLT Distributed ledger technology

2 EVM Ethereum Virtual Machine

3 ETH Ethr

4 NPM Node Package Manager

**List Of Symbols**

**Symbol/Notation Illustration**

**Process that transform the data flow**

**Entity**

**Attribute**

**Association**

**Branching Decision**

**System Function**

**Actor**

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**ABSTRACT**

Initially, blockchain was only used as a foundation of cryptocurrency, but today, we can see the rise of this new emerging technology being implemented in many industries. In the future, most technologies around the world are expected to use blockchain as an efficient way to make online transactions. One of the areas in which blockchain technologies can be applied is crowdfunding platforms. The most common problem with the current crowdfunding scene around the world is that the campaigns are not regulated and some of the crowd-funding campaigns 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 crowdfunding site so that the contracts will be fully automatically executed, thus preventing fraud and ensuring that the projects can be delivered within the given duration. Crowdfunding platforms are websites that enable interaction between fundraisers and the crowd. Financial pledges can be made and collected through the crowdfunding platform. Fundraisers are usually charged a fee by crowdfunding platforms if the fundraising campaign has been successful. In return, crowdfunding platforms are expected to provide a secure and easy to use service. Many platforms operate an all-or-nothing funding model. This means that if you reach your target you get the money and if you don’t, everybody gets their money back – no hard feelings and no financial loss. There are a number of crowdfunding types which are explained below. This guide provides unbiased advice to help you understand the three most common types of crowdfunding used by profit-making SMEs and startups: peer-to-peer, equity and rewards crowdfunding.