

SYNOPSIS OF THE PROJECT

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Shared folder/git repository details	https://github.com/abel2698/Main_Project
Project Title	Smart Invest Using Blockchain
<p>Description of Project:</p> <p>Managing the integrity of products and processes in supply chain environment is a significant challenge. Many current solutions suffer from data fragmentation, lack of reliable provenance, and diverse protocol regulations across multiple distributions and processes. Amongst other solutions, Blockchain has emerged as a leading technology, since it provides secure traceability and control, immutability, and trust creation among stakeholders in a low-cost IT solution.</p> <p>The project includes three main modules: -</p> <p>SMEs- SMEs can accept contracts and receive working capital from investors.</p> <p>Core Enterprises- We enable core enterprises to directly reach out to SMEs.</p> <p>Investors- Investors have a bird's eye view of all the orders and get to invest in what they like. The buyer will raise a request to a specific SME when required. The seller can understand the buyer's requirements and based on that can specify the amount of working capital and working capital deadline. The buyer has the option to specify the percent of insurance that will be backed by their side in case of anything default by the seller. After the final approval by the buyer's side, the contract will be visible to the investors along with the previous statistical data of the buyer and seller.</p> <ul style="list-style-type: none">• KYC: Most of the investors do want invest in small to medium scale enterprises but due to the lack of information on their financial invoices and associations. In case of personal researching about the potential SMES's which could yield lucrative profits.• Seamless Dataflow: In order for the platform to showcase an association between the seller and buyer, proper method of authentication is required so that investors does not get fraudulent data.• Immutable Ledger: With the use of blockchain and smart contracts, we have immutable ledger of transactions and invoices to inspire trust and creditability among our customers.• Escrow: A dedicated wallet and token system was created using smart contracts, as the banker to ensure hassle free escrow transactions for the customers.	
Front end and Backend Tools	<ul style="list-style-type: none">○ HTML, CSS○ JavaScript○ Python○ Solidity

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