

INFRA TECH NEXUS

TEAM NAME: SKILLSYNC

TEAM MEMBERS:

TEAM LEAD: MATHU MATHI M

MEMBER 1: SUBITCHAKALAKSHMI A

MEMBER 2: MIDUNAVARSHINI S

MEMBER 3: NESHA R K

PROBLEM STATEMENT

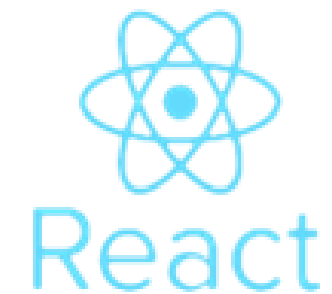
The construction industry faces significant challenges in ensuring efficiency in planning, estimation, budgeting, safety, and sustainability due to reliance on outdated methods for planning, monitoring, and resource management. These inefficiencies lead to increased costs, delays, environmental harm, and safety risks. There is a critical need for innovative, technology-driven solutions to optimize construction workflows, enhance decisionmaking, and improve overall project outcomes.

SOLUTION

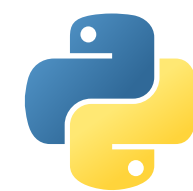
- Automated Bid-Tender Matching & Task Management.
- Centralized Communication & Real-Time Monitoring.
- Blockchain-Enabled Smart Contracts.
- Feedback, Reviews, and Performance Insights.

TECH STACK

Front end: React js, Angular



Back end: Python, Node js



python™



Database: PostgreSQL, MongoDB

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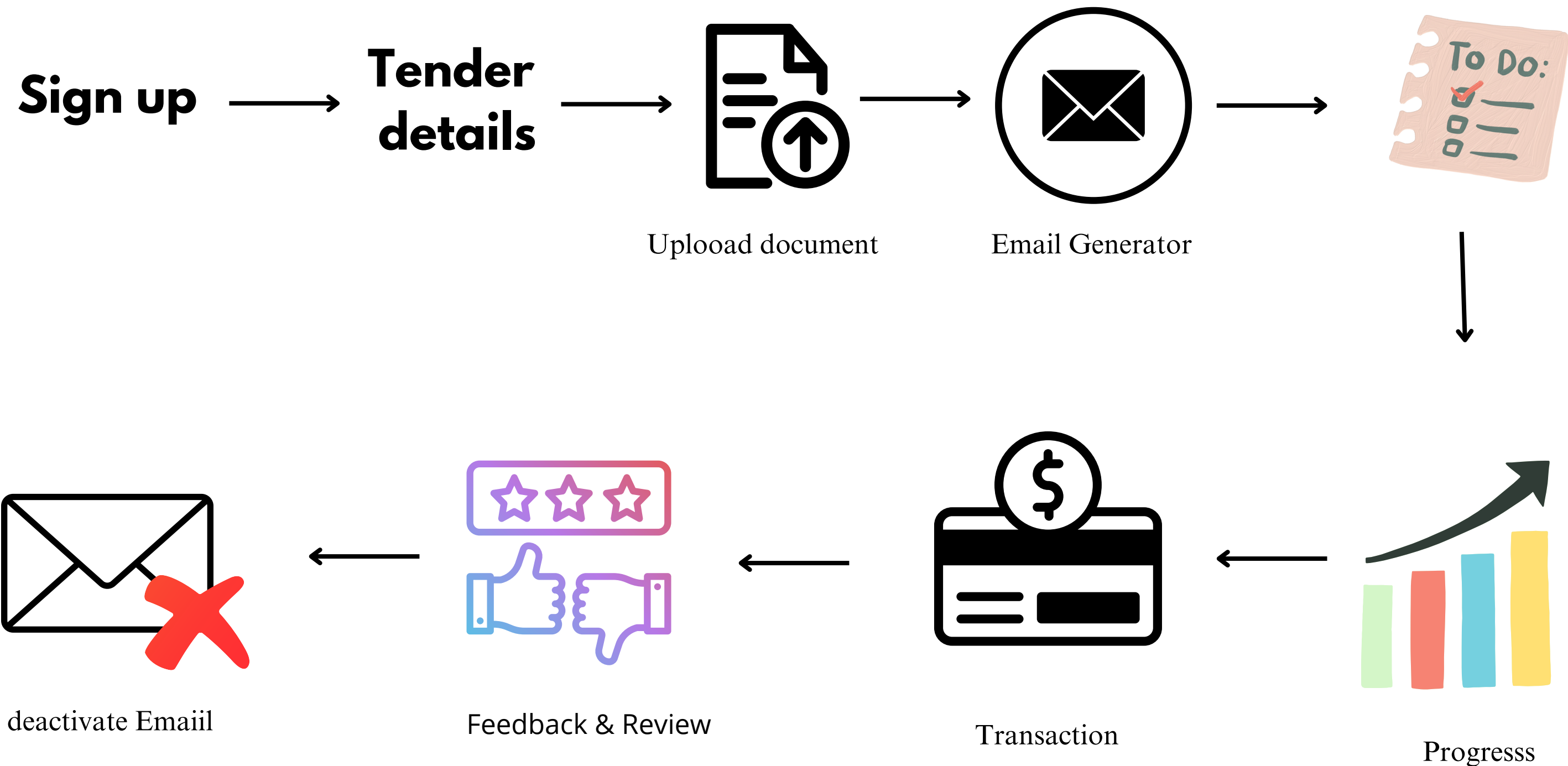
PostgreSQL



ethereum

Blockchain: Ethereum with Solidity

FLOW CHART





THANK YOU