

Staat Buildtech

case study

Shivantha Infra

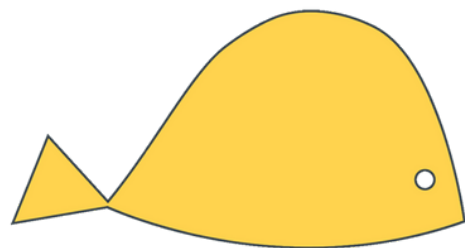
Digitize the PO & Expense management





Overview

TATA Projects initially managed the construction process for Shivantha, where purchase orders (POs) were released manually through lengthy contracts, leading to difficulties in tracking released POs. Furthermore, the management of expenses at the construction site was primarily handled by site engineers, who faced challenges with pending payments from promoters and petty cash management.



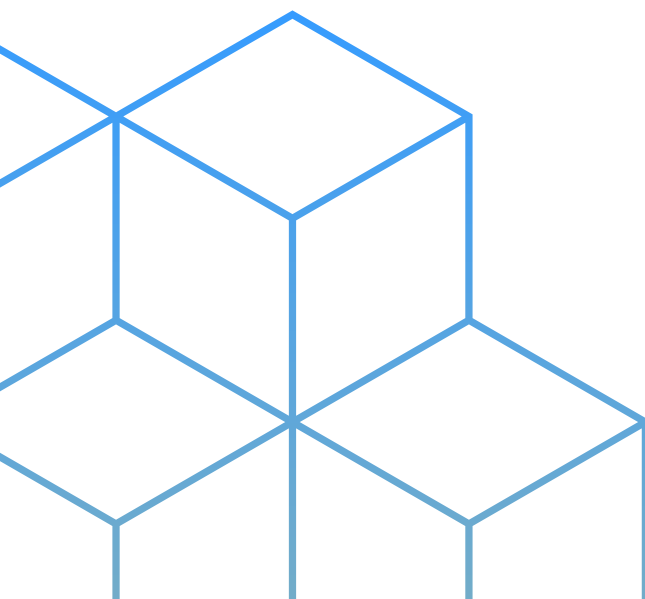
Challenges and Objectives

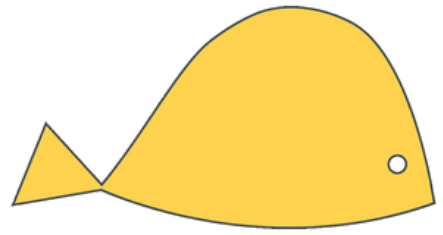
Challenges

- Manual PO Release Process
- Lack of Expense Management
- Hybrid Payment Methods

Objectives

- Pilot one project
- All Pos to be released from software
- Expense management via app





Problem Statement

01

Manual PO Release Process

Purchase orders were released manually through lengthy contracts, leading to inefficiencies and difficulties in tracking.

02

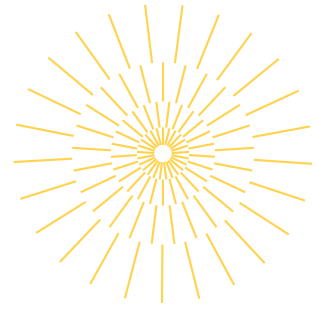
Lack of Expense Management

Expenses at the construction site were primarily managed using petty cash, resulting in challenges with reconciliation and pending payments from promoters.

03

Hybrid Payment Methods

The procurement process involved a hybrid payment system, incorporating both monetary and barter transactions, adding complexity to financial operations.

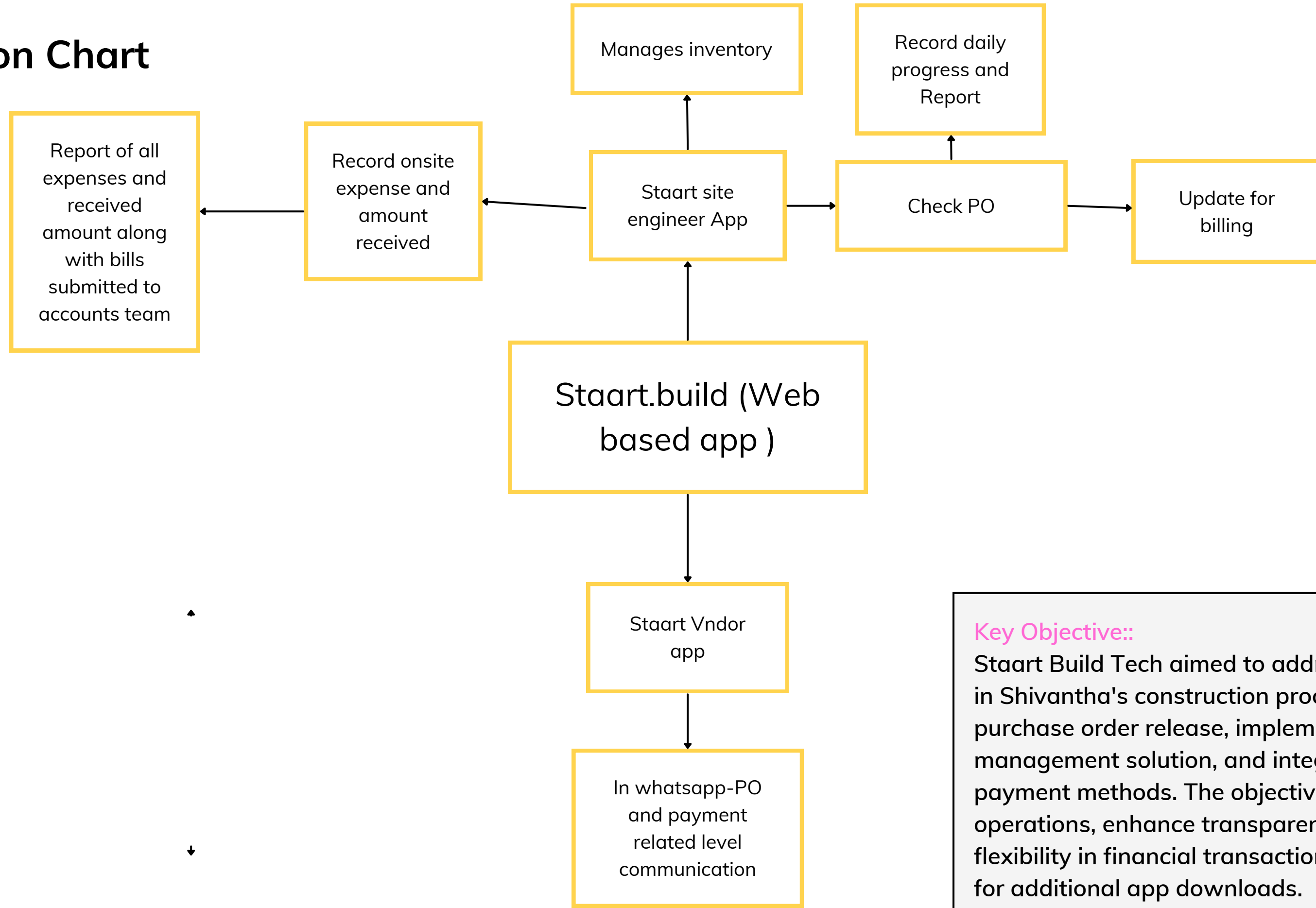


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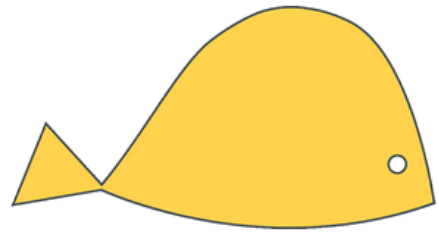
Proposed Solutions

Challenges	Solution Offered by Staart Build Tech
Manual PO Release Process	POs were released manually, resulting in inefficiencies and a lack of tracking.
Lack of Expense Management	Expense tracking and management at the construction site were primarily handled using petty cash, leading to challenges with reconciliation and pending payments.
Hybrid Payment Methods	The need for a hybrid payment system involving both monetary and barter transactions added complexity to the procurement process.

Solution Chart



Key Objective::
Staart Build Tech aimed to address the inefficiencies in Shivantha's construction processes by digitizing purchase order release, implementing an expense management solution, and integrating hybrid payment methods. The objectives were to streamline operations, enhance transparency, and provide flexibility in financial transactions. without the need for additional app downloads.



Outcome

01

Improved Process Efficiency

The digital PO release system enhanced efficiency and transparency in the procurement process, reducing manual errors and streamlining operations.

02

Enhanced Expense Tracking

The implementation of the expense management solution enabled comprehensive tracking of site spending, improving reconciliation and visibility into expenditure.

03

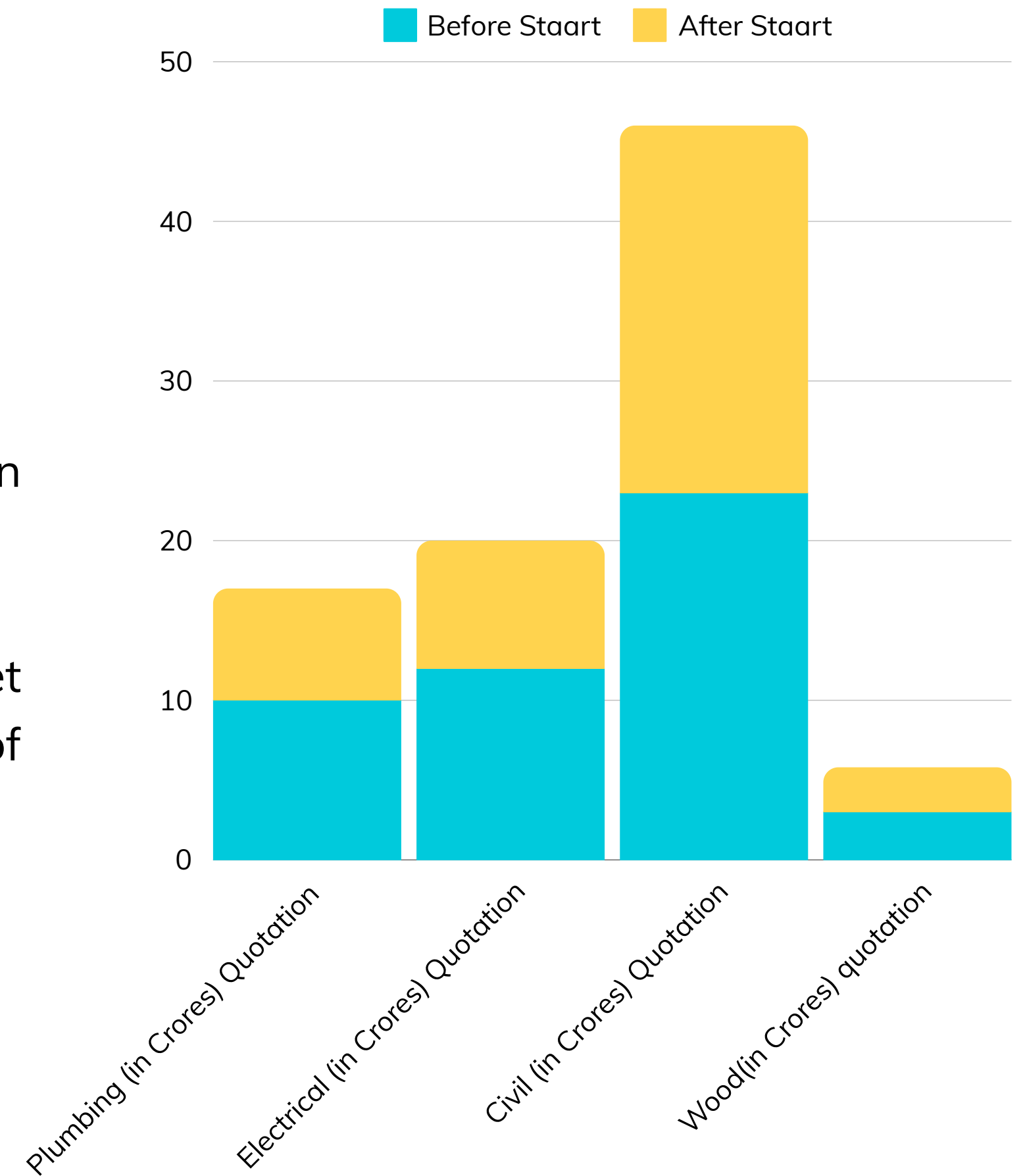
Streamlined Payment Process

Approval-based payment requests streamlined the payout process at the construction site, reducing delays and enhancing confidence among stakeholders.

Outcome

Better negotiation

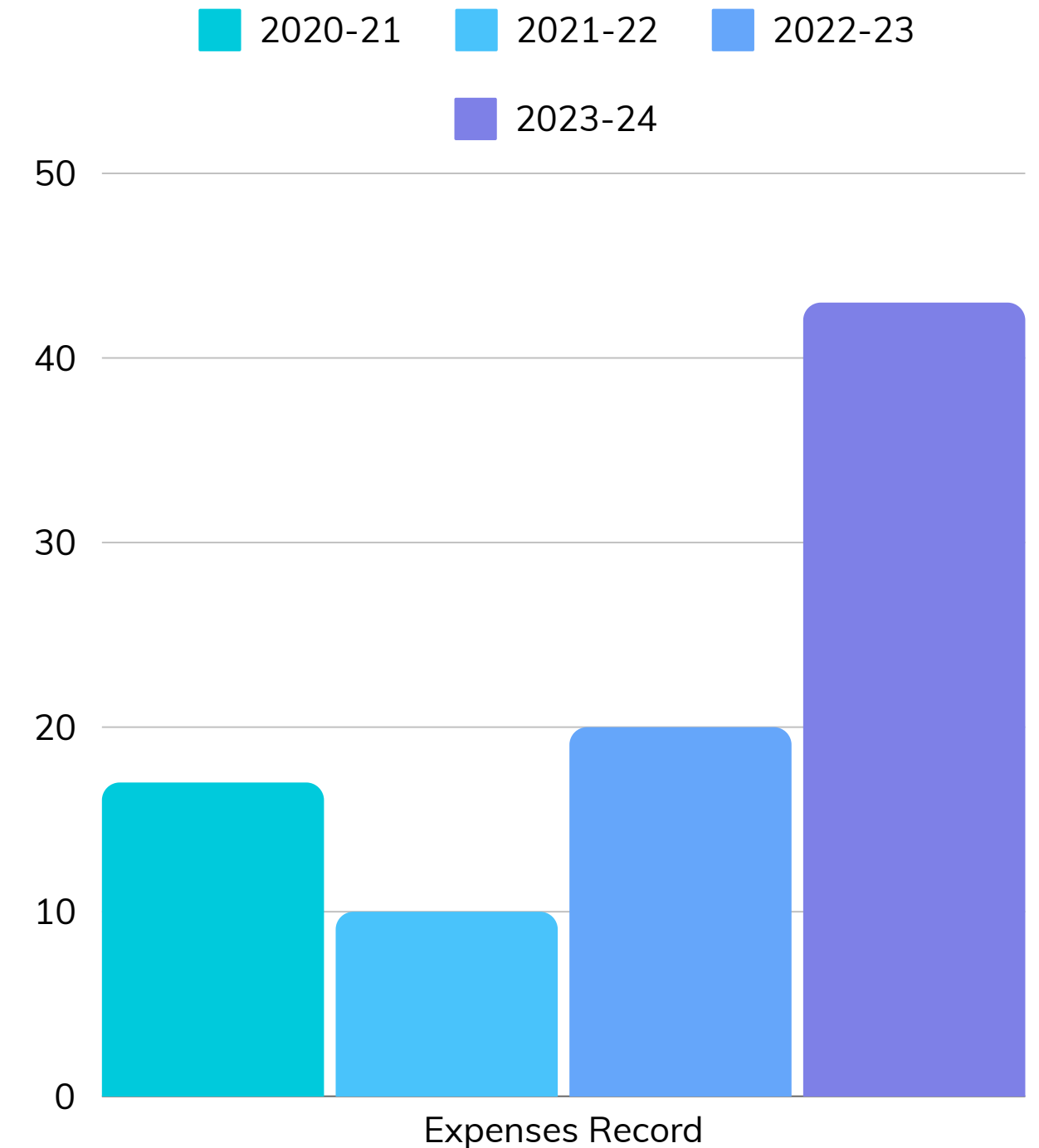
- Multiple quotations and Staart team intervention resulted in substantial savings of 5-7 crore INR.
- Savings were attributed to enhanced market knowledge of rates and precise definition of rates and scope of work.



Outcome

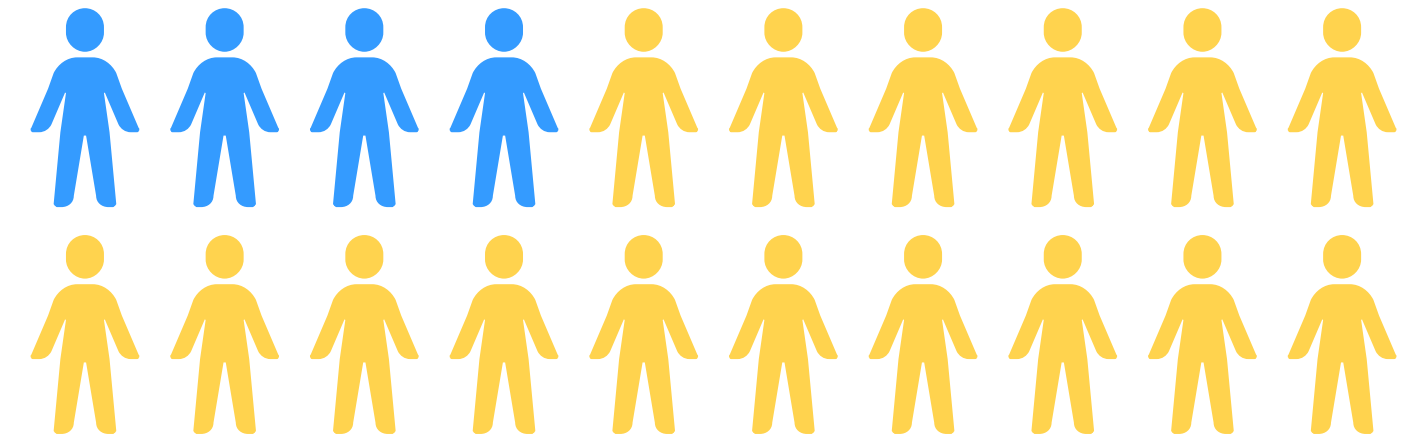
Number of expenses record

- Amount of recorded expenses increased to 4 crore.
- Expenses are further audited by the accountant in accordance with the bills.

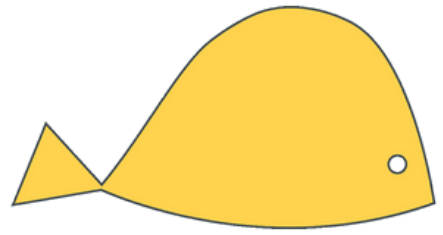


Outcome

Hybrid PO implemented



- 5 hybrid PO released are 4 for RMC ,Steel ,cement and Door Frames .Total worth of 5 POs are 7.8cr.



Future directions

01

Inventory Module

To have the accounting of material at site and consumption report to minimize the wastages.

02

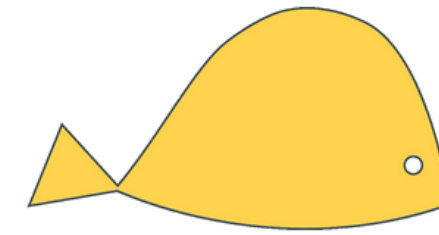
Daily Progress Report

Help to understand the speed of the project which eventually consolidated into monthly site progress report ,which can be shared to their customers.

03

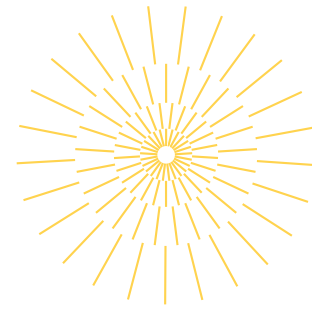
Billing module

Billing module liked with expense app to have expense request or payout against the approved bill amount ,which further increase transparency into the system.



Summary

Through the implementation of Start Build Tech's solutions for digitizing the purchase order release process and expense management, Shivantha experienced significant improvements in process efficiency, expense tracking, and payment management at the construction site. The transition to digital systems not only streamlined operations but also increased confidence and transparency among stakeholders, ultimately contributing to the success of the projects.



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