BUILDUP APPS

SHARAH INFO TECH ENGINEER PVT LTD

The Story of Sharah Info Tech Engineer (SITE)

Our Story began in 2018, intending to help construction sectors to scale up and increase their profitability by harnessing the power of digitalization in the construction sector.

OUR VISION:

To digitalize all the operations in the construction sectors.

OUR MISSION:

Create innovative software that helps construction companies increase profitability, build a diverse team, and serve the community around us.

Founder's Story:

After graduating from NICMAR in the year 2011, the founder Mr. Karthik Raja gained expertise in the field of construction from many top players in the domain. Over the past decade, he has worked with L&T, HCC and many other constructions based MNC. His vision to digitalize the construction industry led to the discovery of Buildup Apps, which is the first step in his journey of digitalization.

MAJOR PAIN POINTS IN CONSTRUCTION PROJECTS

Lack of coordination between the Site Office and Execution team leads to:

Cost Overrun

Time Overrun

Difficulty In Multi Project Handling

Human Error

Weak Project Performance

Lack of Standardization for Document

Poor Shore Term Calculation

Difficulty in Spotting the Loop Hole

Poor Reconciliation

CURRENT SCENARIO

The three hierarchy divisions in an organization, that are responsible for a project's efficiency and budget variations are,

The major components under each division, that influence efficiency, and budget variations are indicated below in percentages.

Strategic Division

The topmost division, which deals with the management of executives and boards.

Tactical Division

The middle division of hierarchy, that involves the Project Manager/head and Engineers

Operational Division

The lowest level of the hierarchy, that comprises site engineers and site operation teams like subcontractors and vendors

On an overall level, an inefficiency of around 30-40% occurs, which is hard to notice.

AREA OF FOCUS

To increase performance and efficiency, the errors occurring in the operational division is focused on our research.

WHY FOCUS ON OPERATIONAL ERRORS?

These errors account for the loss of 30-40% of the budgeted cost, which goes unnoticeable.

The human errors and communication gaps at this division may collapse the budget.

The inefficiency due to these errors leads to time and cost overruns in the project.

This default in budgeted cost results in a setback of material quality

STIMULATORS OF OPERATIONAL ERRORS

Lack of motivation to work.

Carelessness or Negligence towards minute details.

Poor management or lack of required skills.

Miscellaneous errors like equipment failure and force majeure.

Buildup Apps primarily focus on eliminating these errors, occurring in the operational division.

By eliminating these errors, the profit margin can be increased to 25-30%.

Besides, Buildup Apps cater to the other two divisions as well.

BUILDUP APPS

A DIGITAL REVOLUTION IN CONSTRUCTION

Buildup apps is a cloud-based software service, that provides smooth workflow between the site office and execution team by integrating them into a central hub.

It comprises a mobile application for site engineers to update work progress and a web portal for the administration team to monitor the workflow.

The software has adapted the level of the hierarchy, where only the top management has complete access to all its features.

The major objectives of the app are to eliminate human errors.

Track and monitor the work progress.

Control site expenses.

TOOLS

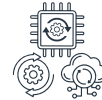The Buildupapps is provided with In-build organized workflow :

PROJECT SCHEDULING

- Drawing
- Budgeting
- Work Order
- Purchase Order

PROJECT OPERATION

- Drawing
- Daily Sub Contractor Report
- Daily Progress Report
- Project Progress Image

PROJECT FUNCTIONALITY

- Sub Contractor Billing
- Material Inward
- Material Outward
- Material Reconciliation

Software service is suitable for :

Prime Real Estate

Residential Building

Commercial Building

Roadways and Railways

Energy and water

Mechanical, Electrical, and Plumbing

PROJECT COST TRANSPARENCY

- Sub Contractor Payment
- Material Payment
- Payroll Payment
- Expense Payment

PROJECT OBSERVATION

- Expense
- HRMS
- Quality
- Safety

PROJECT MONITORING

- Project Consume Amount
- Sub Contractor Report
- Inventor Payment
- Progress Report

Project Cost Control = Exact Progress Tracking
+
Exact Resources Utilized
+
Exact Field Consumed Amount

FEATURES

Drawings can be uploaded easily through the portal and is stored revision wise, for future reference and analysis.

Drawing

Sub Contractor Management

The work progress and work durations of the contractors can be analyzed.

The complete material data with the invoice of every item is generated for reconciliation and billing along with auto-calculated material usage wastage.

Inventory

Efficient Billing

Day to day progress and the required data for billing is linked and is auto-calculated.

Data Maintenance

Data is stored perfectly so that even new employees find it easy to work on the project.

Progress Image

Daily work progress can be easily monitored by the team leads or heads.

Integration

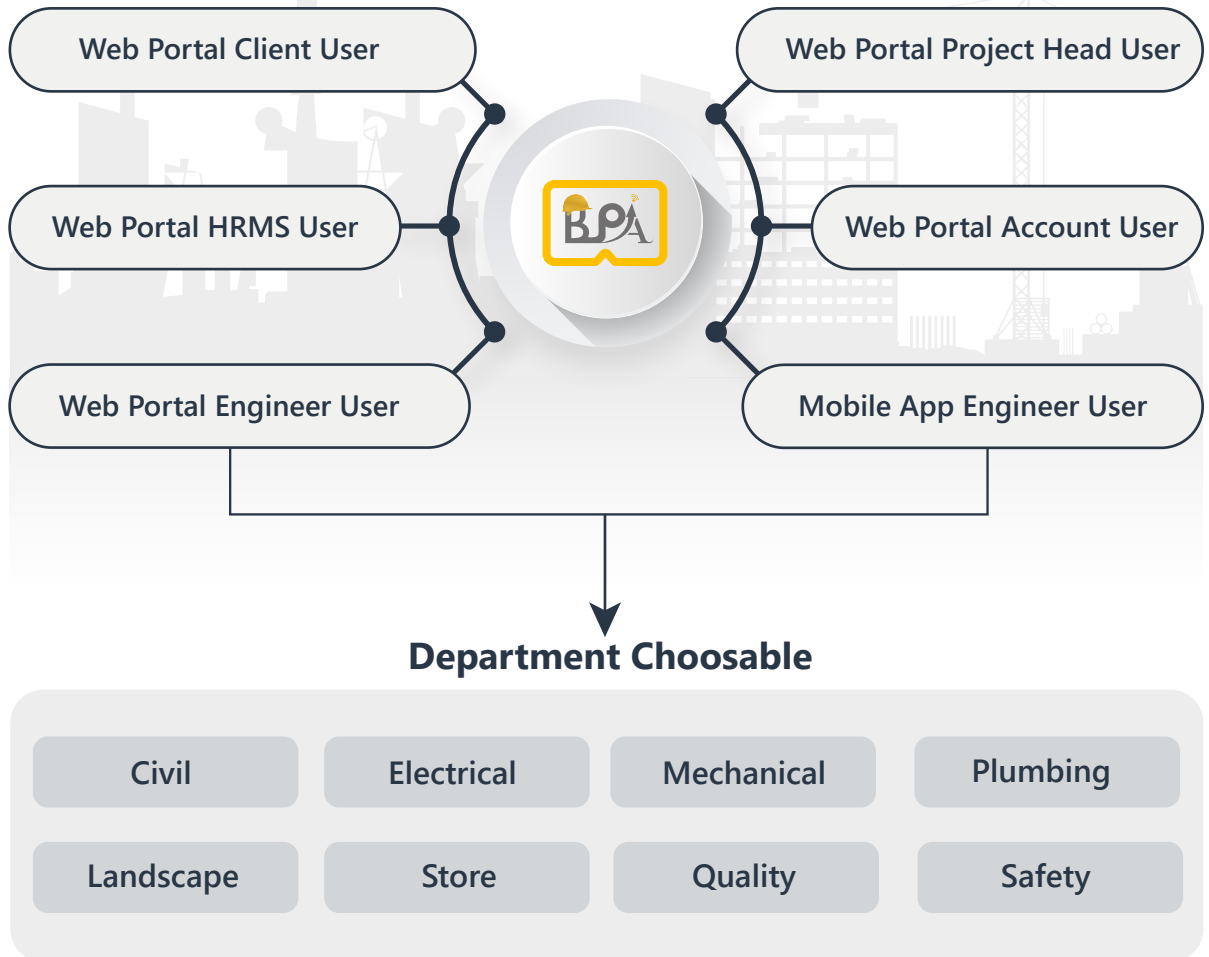Information about work proress, money spent, data on equipment, and many more can be obtained under a single platform
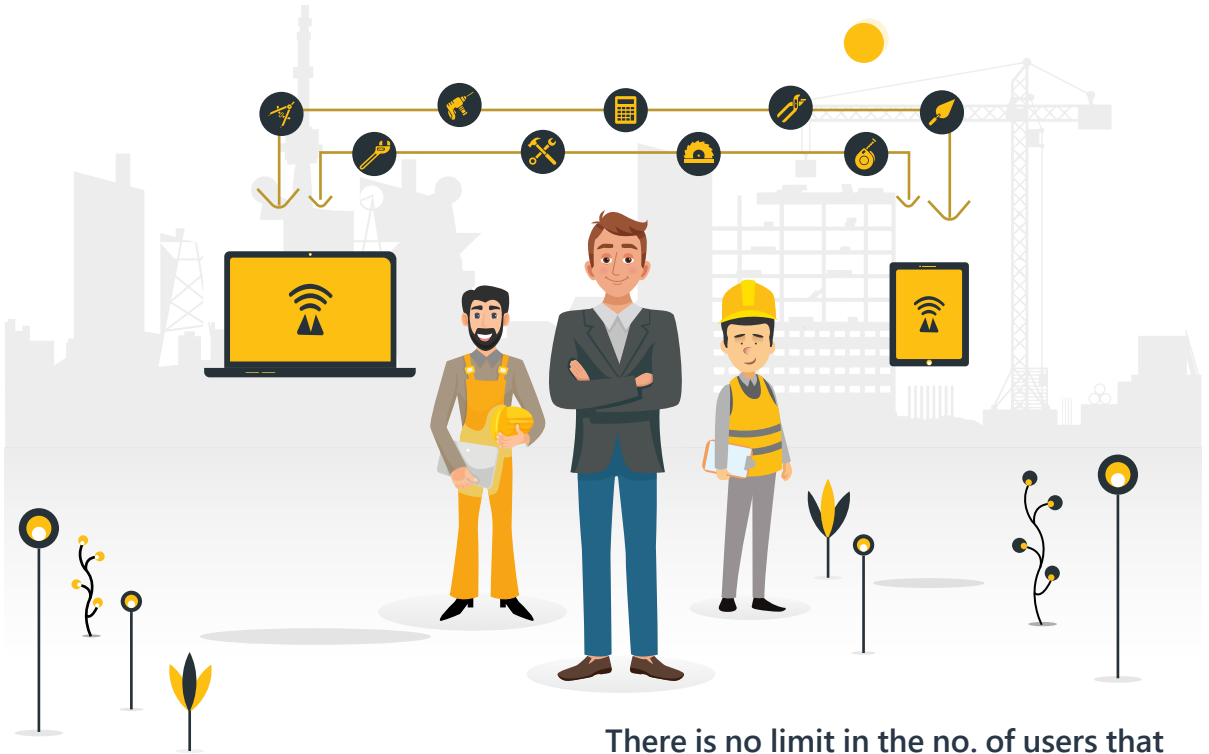
Periodic Report Generation

Every details in the work progress of the Site office and Fieldwork is auto-generated on daily basis in a dashboard

USER MANAGEMENT

The Buildup Apps Users:

Web Portal Client User

Web Portal Project Head User

Web Portal HRMS User

Web Portal Account User

Web Portal Engineer User

Mobile App Engineer User

Department Choosable

Civil	Electrical	Mechanical	Plumbing
Landscape	Store	Quality	Safety

The package can be chosen based on no. of projects and duration. The number of users required for the project can be customized from the user's option of the buildup apps.

The admin can choose the required department based on the project requirements.

There is no limit in the no. of users that can be added to the project. If required, more users can be added at the later stage as well.

The pricing for the app is based on the package chosen and the no of users using the app

The plan can be easily renewed at any time. You could even set an auto-re-newal plan.

PERKS OF USING BUILDUP APPS

ACCESSIBILITY CONTROL

The owner/project head can enable/disable the permission to view, edit, or download a particular app module by any other stakeholder.

MANUAL WORK REDUCTION

The work progress and other site details can be uploaded through the mobile app by the site team, which is stored in the app for easy accessibility.

HUMAN ERROR CONTROL

Data required for any fields can be auto-retrieved from the app's database. Auto-calculation of sub-contractor bills, inventory invoices can greatly reduce human errors.

PROCESS TRANSPARENCY

Minute details from every department are integrated into a dashboard so that the owner can access every detail in one place.

COST CONTROL

The entry of quantities can't exceed the BOQ limit. Only the authorized personals can make approvals and other entries, resulting in seamless dataflow and fewer reworks

PRODUCTIVITY

With the buildup apps, you could have control over the entire process like labor, materials, and other departments, making the projects more productive.

FORECAST & ANALYSIS

With a dashboard that has the entire data of the project like work progress, labor, and equipment details, loopholes for future projects can be forecasted.

ORGANIZED WORKFLOW

Each data entered is verified and documented in the database in an organized manner, which can be accessed even years later.

SERVICES & SUPPORT

Availability

We provide cloud-based solutions between 10 am -5 pm on Monday to Friday.

Accessibility

Can be easily accessed through mobiles, Desktop, Tab anytime & anywhere.

Light-speed service

Any tickets raised will be solved within 72 hours.

One-stop solution

The dashboard is crisp with all required details, that are easy to monitor.

Encrypted database

The app organizes and protects every data you store by encrypting it.

Bridge the Gap

Helps in closing the communication gap between various departments.

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