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CASE STUDY

# GAYATRI ENGINECH

Gujarat, India

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# OUTLINE OF TOPICS

## WHAT WE'LL DISCUSS

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About Company  
Project Overview  
Pain Points  
Solution  
Result  
Let's hear it from them  
Project Timeline  
Solution Look Over  
Technical Specifications  
Contact Us



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THINK ABOUT IT:

When I saw what Citta could do, I said:  
‘That’s what we’re going to do.’

KUNIL BHALLA

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# ABOUT GEPL!

Gayatri is a trusted and tested name in the field of all types of construction industry use in concrete equipment for building, roads, houses, canals, dam, bridge, and similar projects technology and are involved in the manufacturing and marketing the same globally. Founded in 1998, Gayatri Engimech Pvt. Ltd. is based in Gujarat, India. With almost 2 decades of experience in the design, research, and development field and amazing technical, administrative, and innovative skills, they have managed to make the company soar high. They have developed an impressive client base globally, encompassing Architects, Governmental Agencies/Contractors, and High-end Infrastructural Developers. They specialize in infrastructural equipment and architectural metalwork in all of India.



# PROJECT OVERVIEW

The history of concrete in the construction industry dates back to over 5,000 years when Egyptians used to make pyramids from aggregate. From then onwards, concrete has been known support for industrialists, owners, directors, businessmen, and property holders for their modern-day decorative concrete developments.

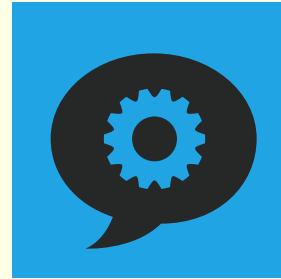
Industrial automation for a company like GEPL was not an easy task because of the business they are into. However, the decision-makers in the company have decided to implement an efficient product & process automation system with the integration of an ERP system that will not only make their work more easy and quick but also will give prompt support to their safety mission. It was after a number of evaluation of various automation systems that the company has decided to go with Citta.



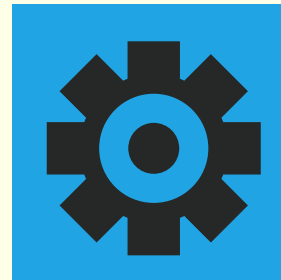
# PAIN POINTS FOR GEPL



Single source of information



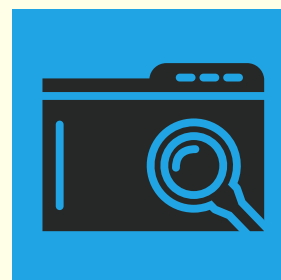
Easy & Convenient access of process



Intelligent updates on Process



Analysis & Reporting



Wastage of Materials



# OUR SOLUTIONS

## PROCESS AUTOMATION

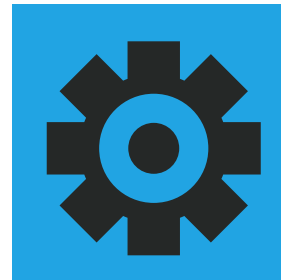
Industrial automation is the use of control systems, such as computers or robots, and information technologies for handling different processes and pieces of machinery in an industry to replace a human being. It consists of integrating applications, restructuring labor resources, and using software applications throughout the organization. It is the second step beyond mechanization in the scope of industrialization.



A single portal to access & monitor machines from multiple sites.



Mobile Application and API-based ERP integration for easy & convenient access.



Real-time alerts such as machines analytics, RMC Plant data, Site data through a secure portal, and BI based dashboards



Customized reports with features such as One-Click Print & Share



Real-time data access to material consumption as per the defined process flags



# OUR SOLUTIONS

## REAL-TIME TRACKING

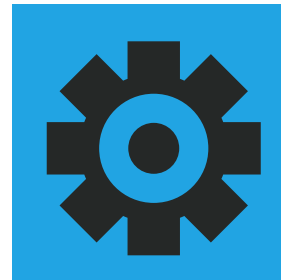
Our Solution helps you track processes on a real-time basis, to monitor performance, material consumption, and other important parameters, through a secure and user-friendly web and mobile interface. With our reliable services, you can focus on your core business while letting our products support you on your journey to increased productivity and profitability.



End-to-end service including device, application and connectivity, means greater accountability and lower cost of ownership



Access to scalable and future-proof services means you need not invest upfront



Quick and seamless deployment helps you get started at the earliest



With SMS and email alerts, you can monitor and manage your business effectively



Flexibility to create multiple sub-users with multiple viewing rights and machine rights



**PROCESS  
AUTOMATION TO  
INCREASE  
PRODUCTIVITY**

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**MONITOR &  
MANAGE  
BUSINESS  
EFFECTIVELY**

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## LETS HEAR IT FROM THEM

All promises were kept and the quality of work is of a very high standard. The customer service is exceptional and the turn around time for job requests is fantastic.

**Director - Amit Panchal**

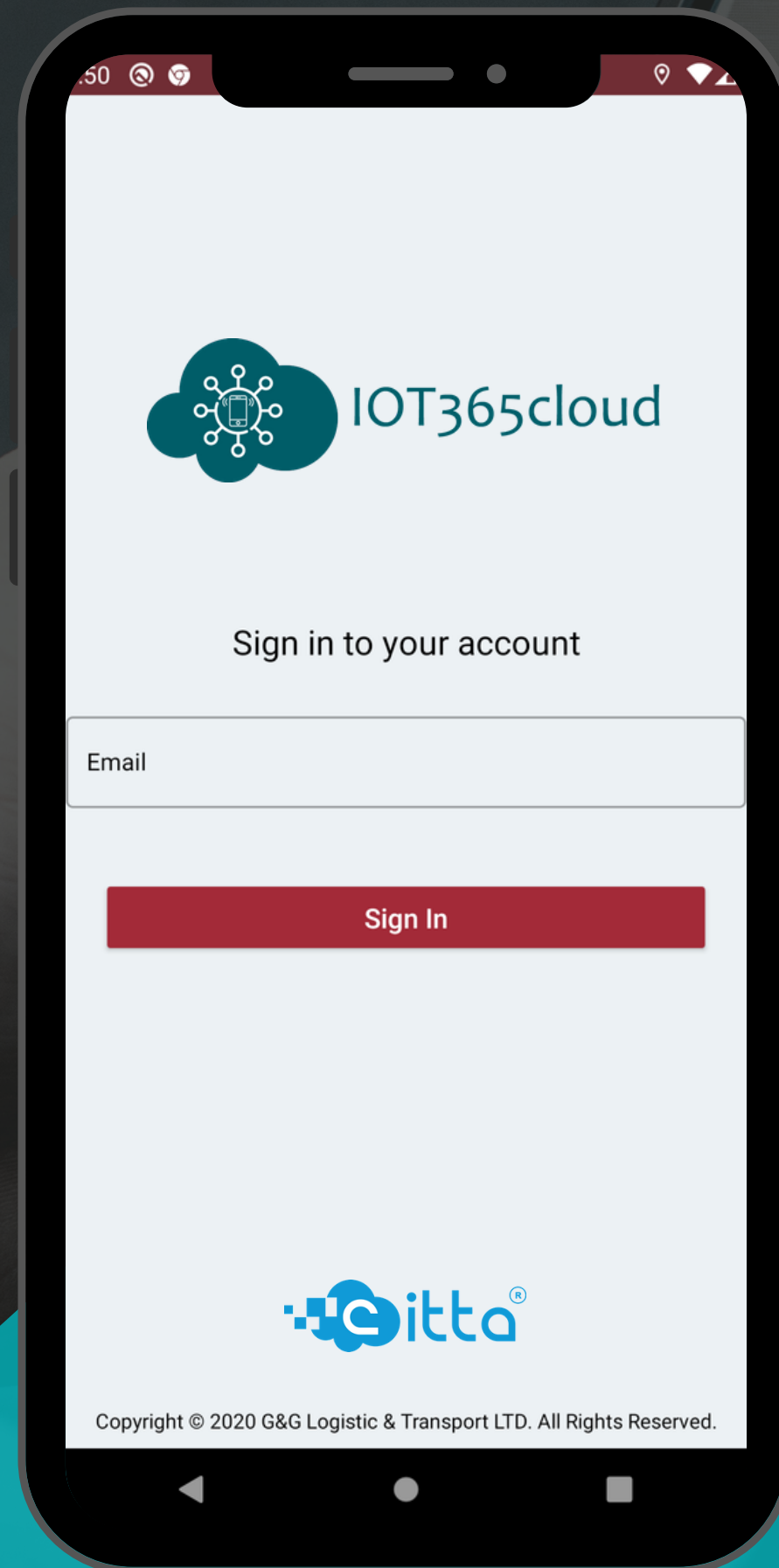


# GEPL TIMELINE

## A 6-MONTH JOURNEY



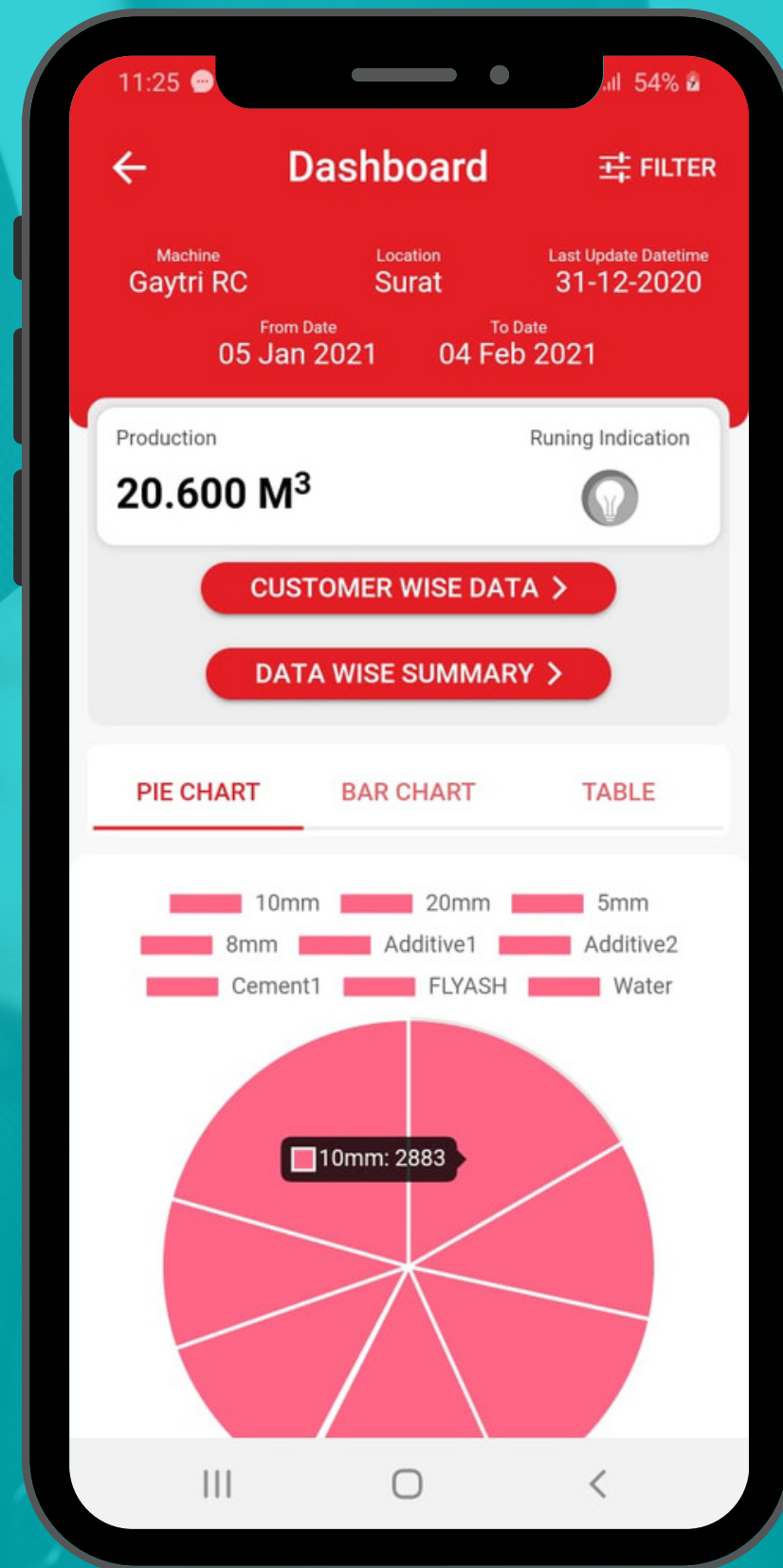




# MOBILE APPLICATION

- DASHBOARD
- ADMIN MODULE
- MACHINE MANAGEMENT
- REPORTS





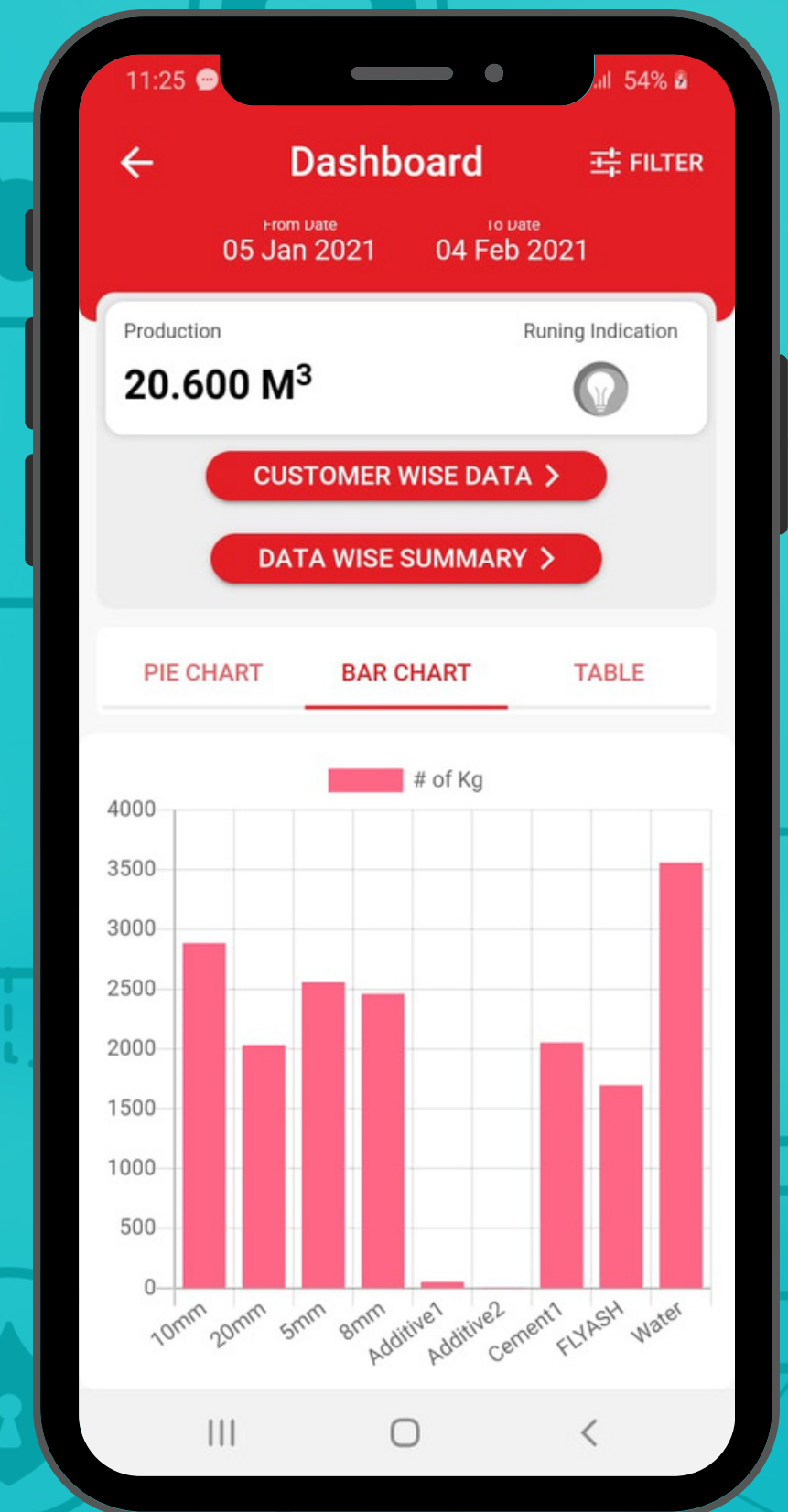
DASHBOARD

The dashboard displays the following information:

- Production:** 20.600 M<sup>3</sup>
- Runing Indication:** (Lightbulb icon)
- Buttons:** CUSTOMER WISE DATA >, DATA WISE SUMMARY >
- Chart Type Selection:** PIE CHART, BAR CHART, TABLE (selected)
- Table:**

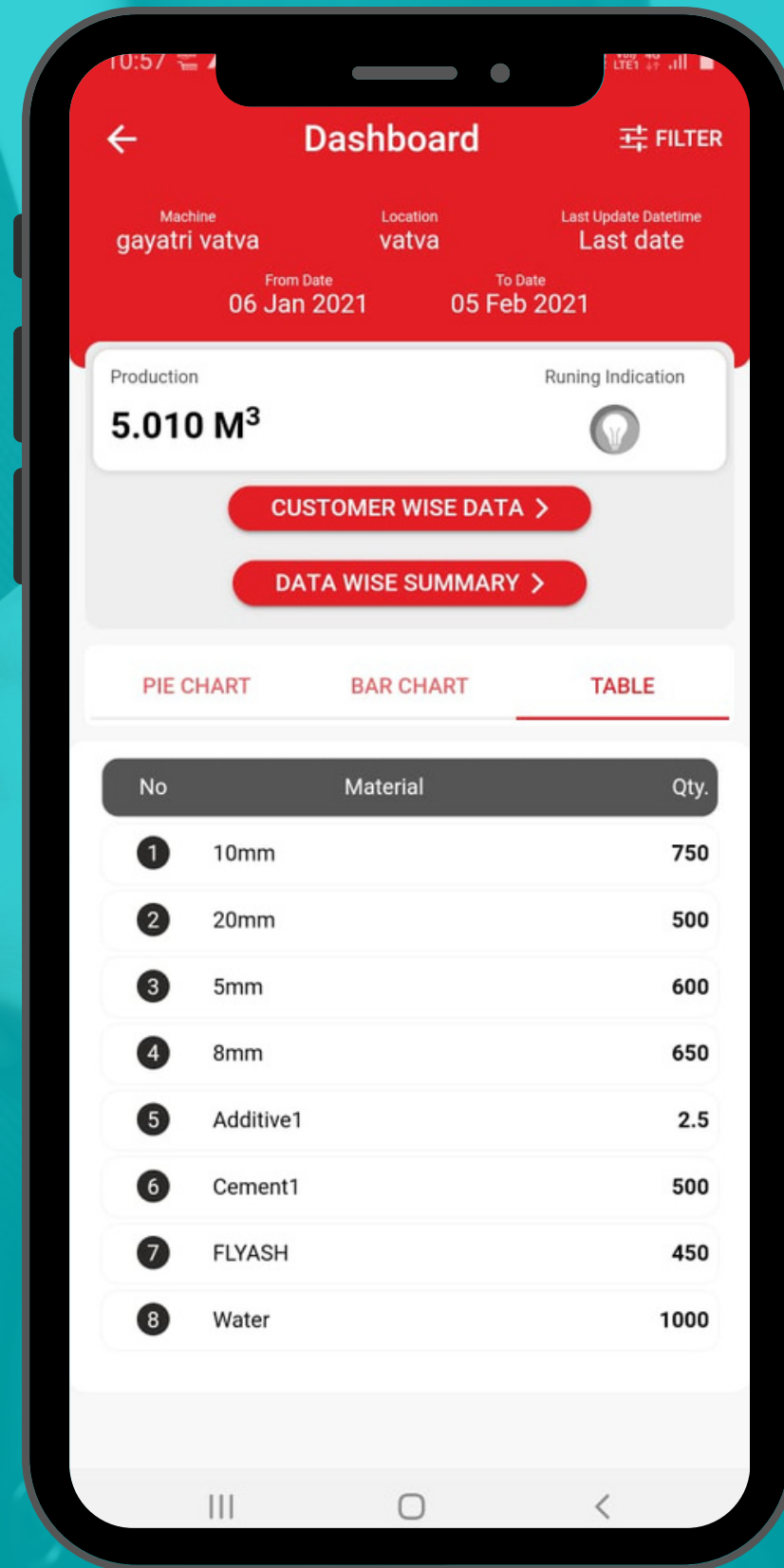
No	Material	Qty.
1	10mm	2883
2	20mm	2032
3	5mm	2557
4	8mm	2460
5	Additive1	51.63
6	Additive2	3.71
7	Cement1	2054
8	FLYASH	1696
9	Water	3556

MATERIAL  
SUMMARY

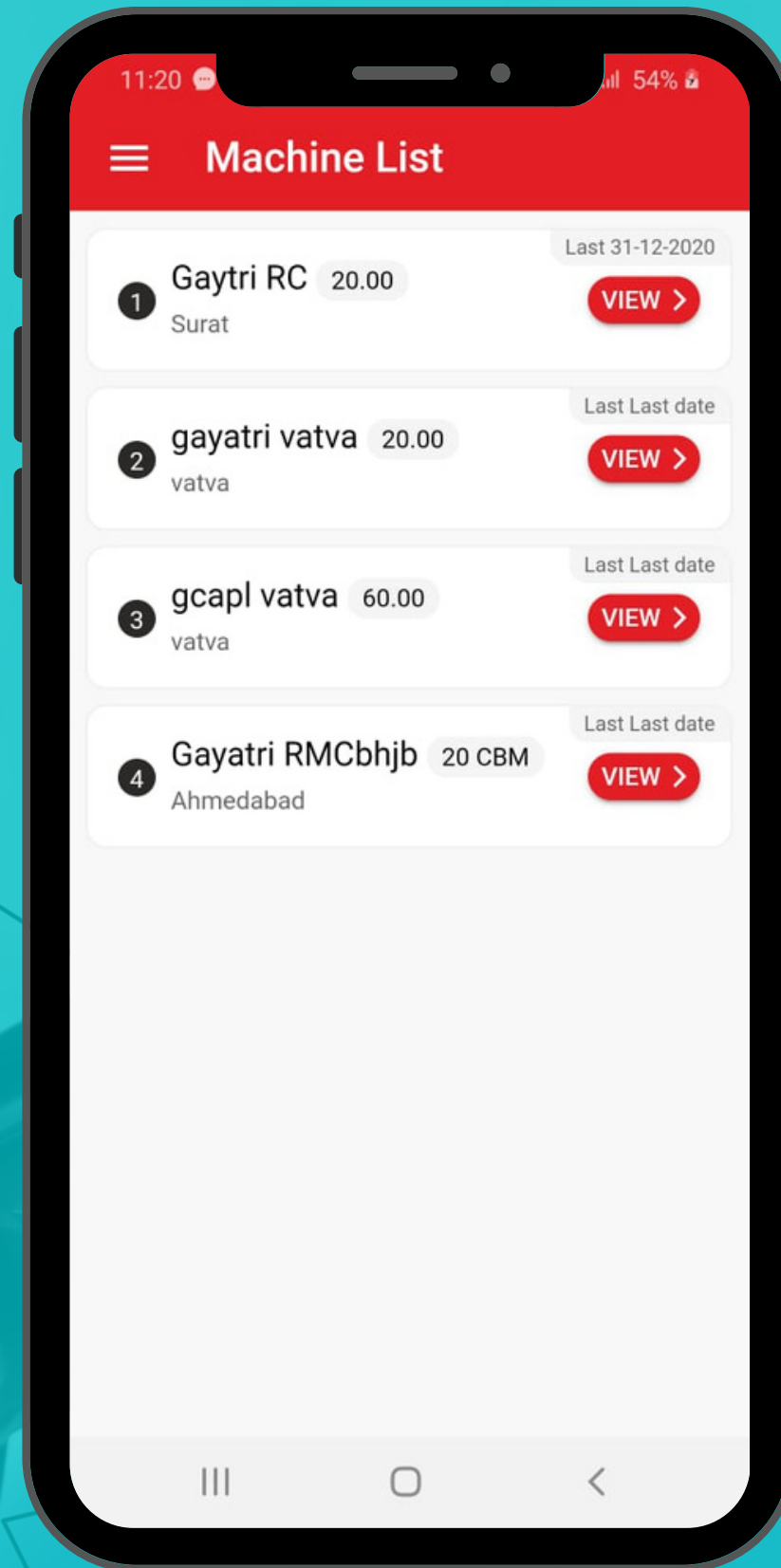


DASHBOARD

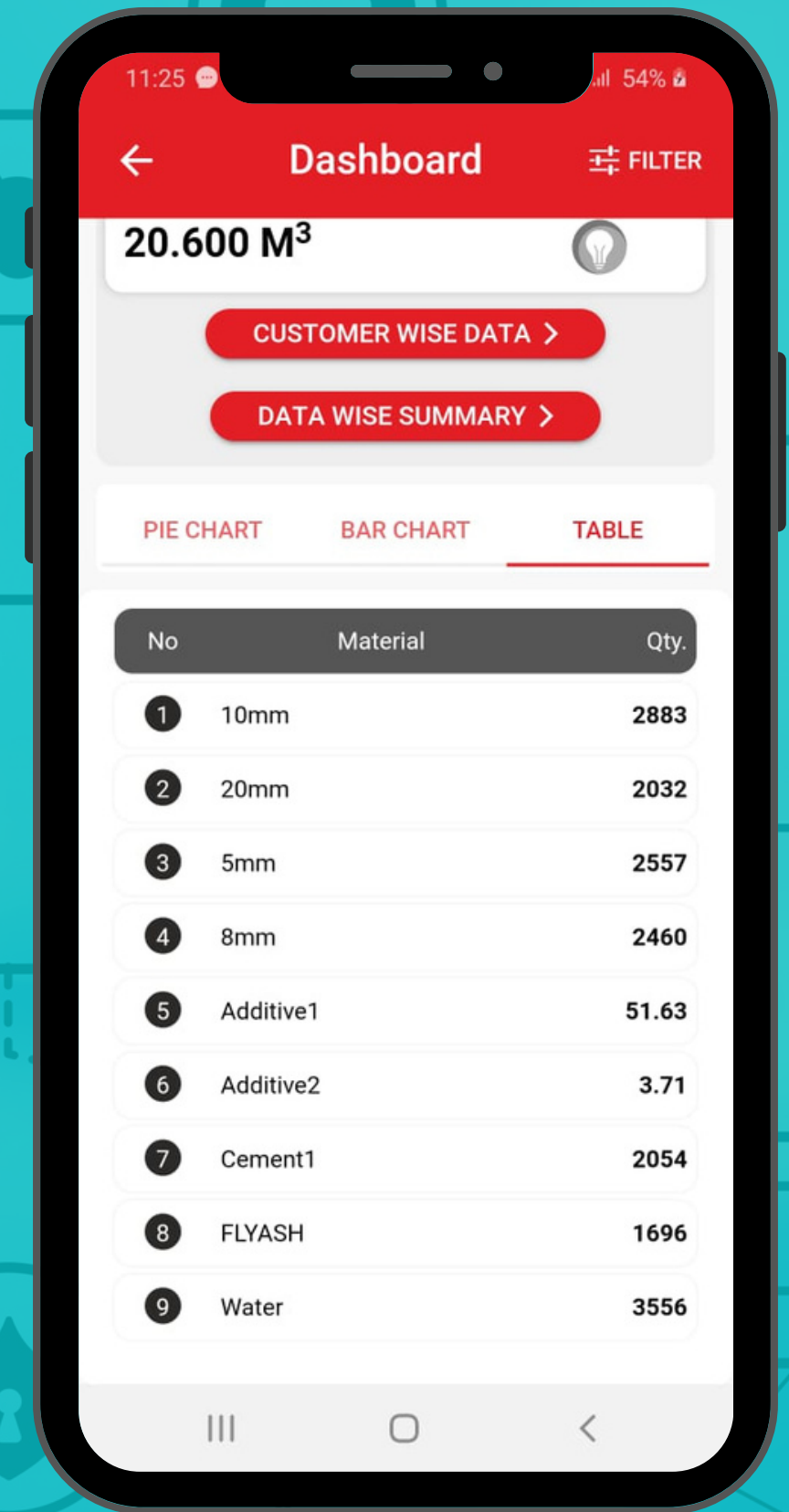




CUSTOMIZED  
ANALYSIS



MACHINE LIST



CUSTOMIZED  
REPORT



# Technical Specifications

01	DEVELOPMENT SKILLS	Front and Backend Programming ,Problem-solving skills, Business and Process Flow chart Designing,Complex Programming, GUI Designing, Database Design,Cross-Platform Software, Client Side Implementation
02	PROGRAMMING/ DEVELOPMENT LANGUAGES	.Net, C# Web and Windows, HTML, Rest API, JS,reporting
03	DATABASES	MS SQL 2008,2012,2014, MY Sql
04	WEB SERVERS & OS	IIS 7 Windows Server, Linux Server Windows Server 2008 / 2012
05	MOBILE PLATFORMS	Ionic, Native Android and iPhone, Cross-platform Application



# CONTACT US

FOR QUESTIONS, COMMENTS,  
AND MORE INFO

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## ADDRESS

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