Areteans
Excel it

EDUCARE

TAKES UP
THE GLOBAL
CHALLENGE

Pega Community
Hackathon 2022

CONTENTS

IN A WORLD OF TECHNOLOGY, PEOPLE MAKE THE DIFFERENCE

EXECUTIVE SUMMARY

The past decade has seen a transformation, in educational sectors across the globe due to technology. "**EduCare**" is a one-stop solution for contributing to educational sectors across the globe, powered by **Pega Infinity**. It is a next-generation contribution management solution designed to help **educational sectors** and contributors contribute from anywhere. A lot of social issues can be addressed using it i.e. corruption can be reduced as funds will be directly credited to the respective educational institutions.
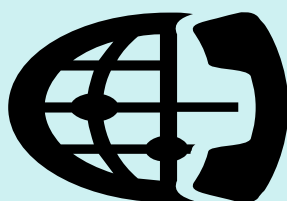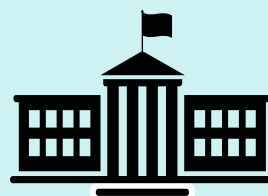
RESEARCH

Research Sample Space

In our primary research, we had-

Questionnaire with **62** respondents

Telephonic Interviews with **12** parents

Visited **7** schools and interacted with teachers

MAJOR ISSUES

Absence of good Infrastructure
43% users feel that there should be a proper team to maintain the logistics and supply in the org.

Lack of Monetary resources
28% users feel that the sources of monetary funds are the crucial issue to the problem

Resource Utilizations
11% users feel that the admin team does not takes sound decisions

Lack of Transparency
18% users feel that the corruption is involved while distribution of funds

Process Flow

Add essentials by entering the basic information and provisions

If it is emergency essential , it will be routed to district officer for approval

After approval , the case is routed back to school management to review and proceed.

After proceeding , as it is emergency one , the essential will be posted in our Facebook page

Once essential is added it will be visible for all the contributor.

Contributors can procced further by choosing the respective essential

They can fill the details and can do the full or partial payment

Once payment is done school management will provide proof of bill for payment .
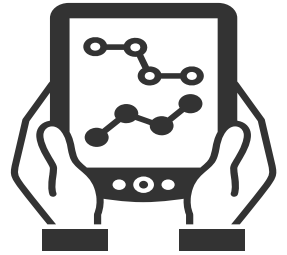
EduCare Design

Flexibility and Extensibility: Educare platform can contribute from across the globe and educational institutions can add their essentials.

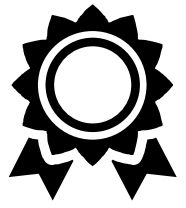**Performance and Efficiency**: Response time for Educare is kept in light while designing the platform.

Usability and Accessibility: Easy to use by the contributors and the educational institutions.

Reliability: It is built as per Pega recommendations and adheres to Pega Guard Rails.

Functionality: Educare is built on conformity to real-life incident management systems. It is built with actual requirements and specifications.

Sustainability Aspect

Educare has a huge potential to raise monetary funds for the children on school premises in order to get them meals in the school

Educare has impeccable powers to provide the quality education to all the children who have been deprived till now.

Educare also sees this as an opportunity to hire the right staff for the educational institutions which in turn shall support SDG 8.
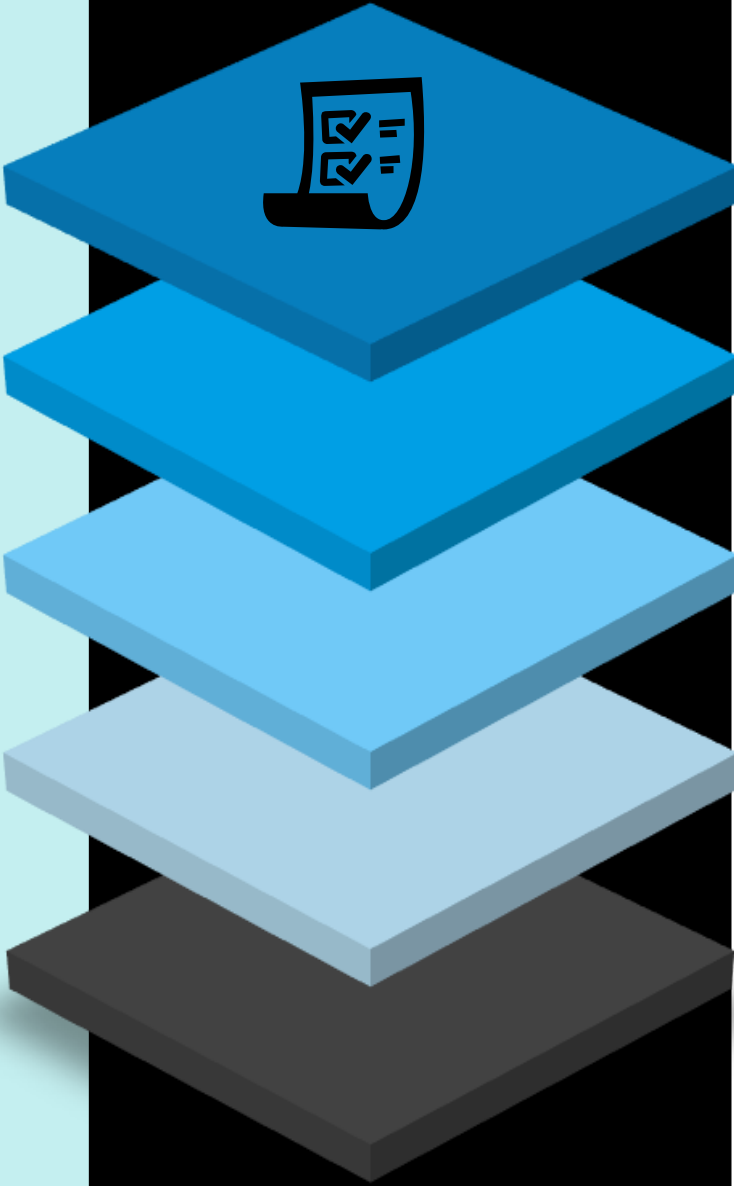
Educare shall not only bring smarter brains but also teach them to create a peaceful world around them.
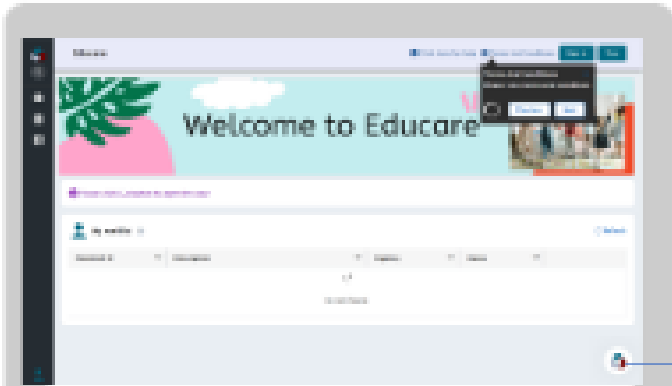
KEY FEATURES

01 CHATBOTS

Personalization

Improved User Experience

Quick Resolution

Improved User Engagement

An AI-powered chatbot to enhance user experience through personalization

Can also engage with users to understand pain-points

Automatic Keyword Searching to enable quick resolution and better user experience

Higher Engagement

Welcome to Educare
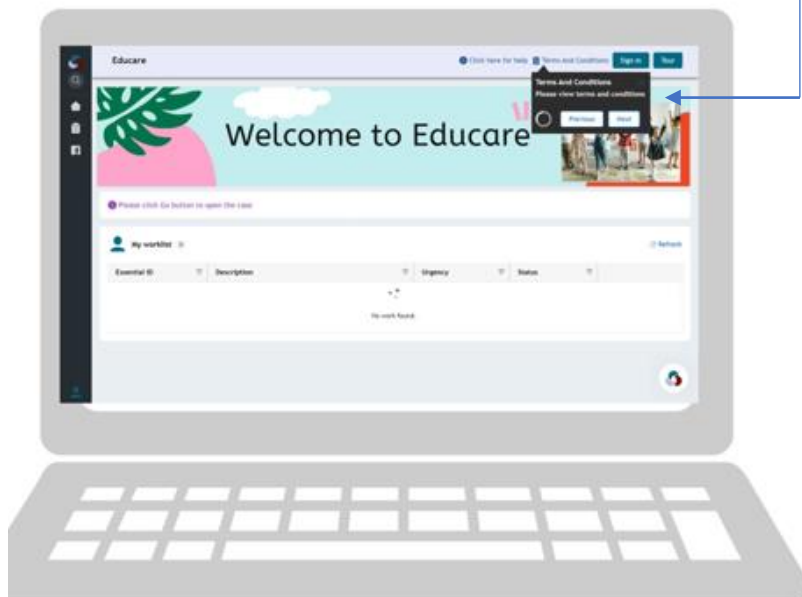
02 GUIDED TOUR

✓ Guide tour gives a brief idea of each option available on the screen.

✓ It gives the user a complete tour of the screen by providing the usage of a particular option.

✓ It improves the user experience.

✓ The Guided tour helps users who are new to the educare application.

✓ As well as it will be useful for existing users for showing application usage and functionalities.

03 Facebook Integration

✓ **Facebook** would be our bet for **leveraging social media platforms**, making it an important tool for engaging with local communities

✓ Charity organizations can use Facebook to find new supporters and **hard-to-reach audiences, build communities,** generate income and **promote activities**

✓ Facebook Integration is used for **posting emergency essentials on Educare's Facebook page.** It will bring awareness to people so that they contribute towards emergency essentials.
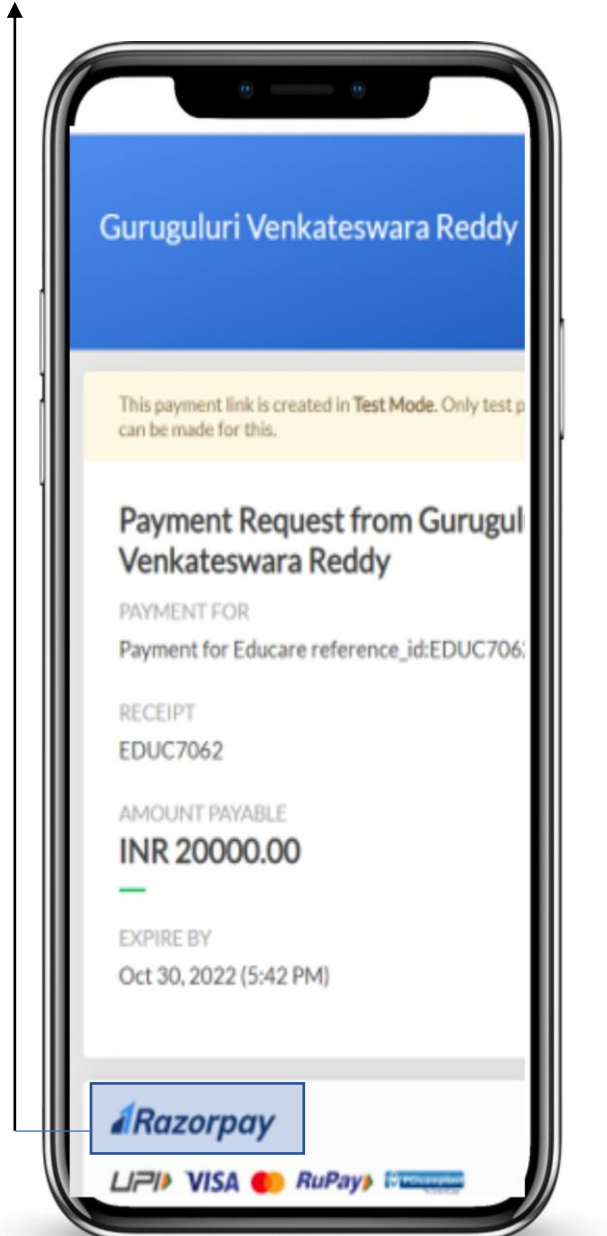
04 Razor Pay Integration

- ✔ It is safe to say cashless transactions hav revolutionized th financial outlook of the world

- ✔ Razor Pay Integration is use to send contribution amounts to educational institutions with any middleware.

- ✔ It is used for verifying the payment status i the application.
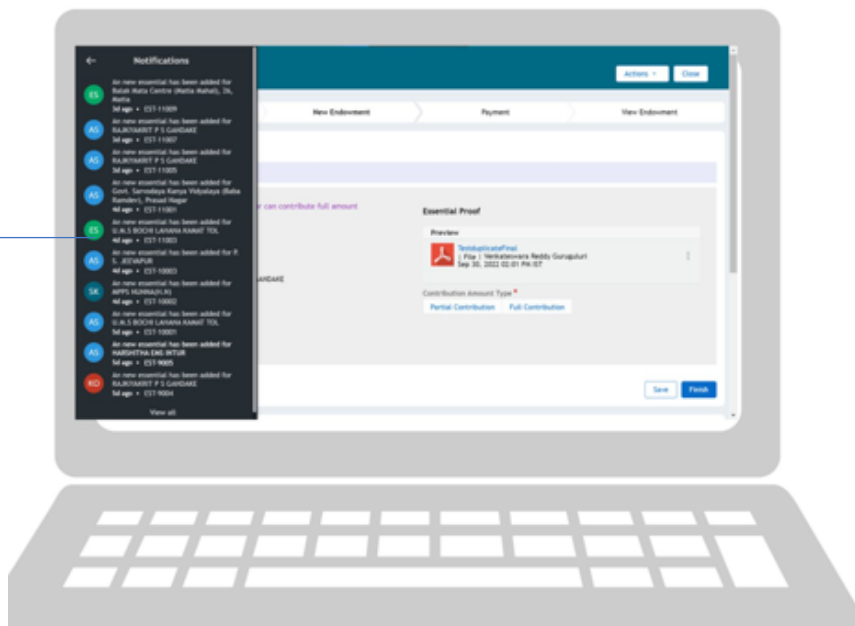
05 WEB GADGET NOTIFICATION

It is used for notifying the contributors whenever an emergency essential is added.

It shows the notification in the portal so it will create awareness in contributors to look into it.

This notification drags the attention of user when there is an emergency essential raised by management
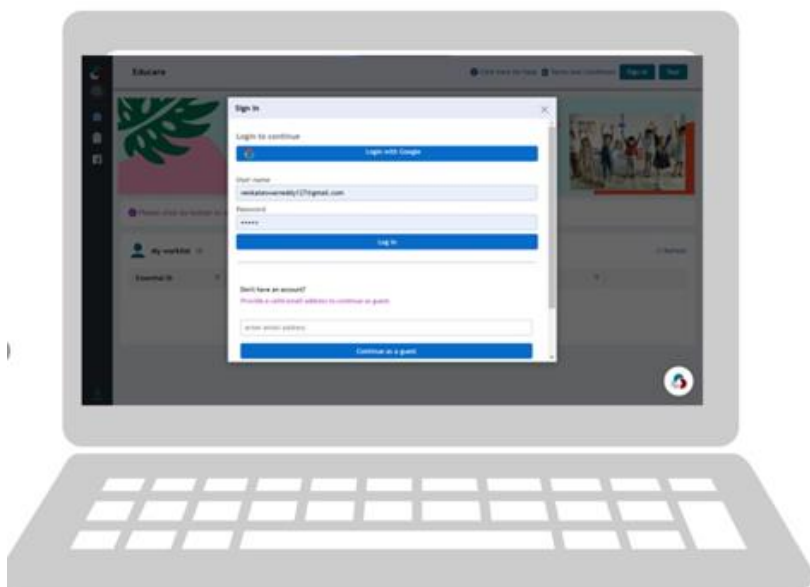
06 GOOGLE sso & Anonymous Authentication

✓ SSO is a cutting-edge access control technology, that allows uses to log in with a single pair of credentials to several different but relative systems or touch points.

✓ From any device no matter where they are.

✓ Anonymous authentication allows the user access to websites without prompting them for a username or password.
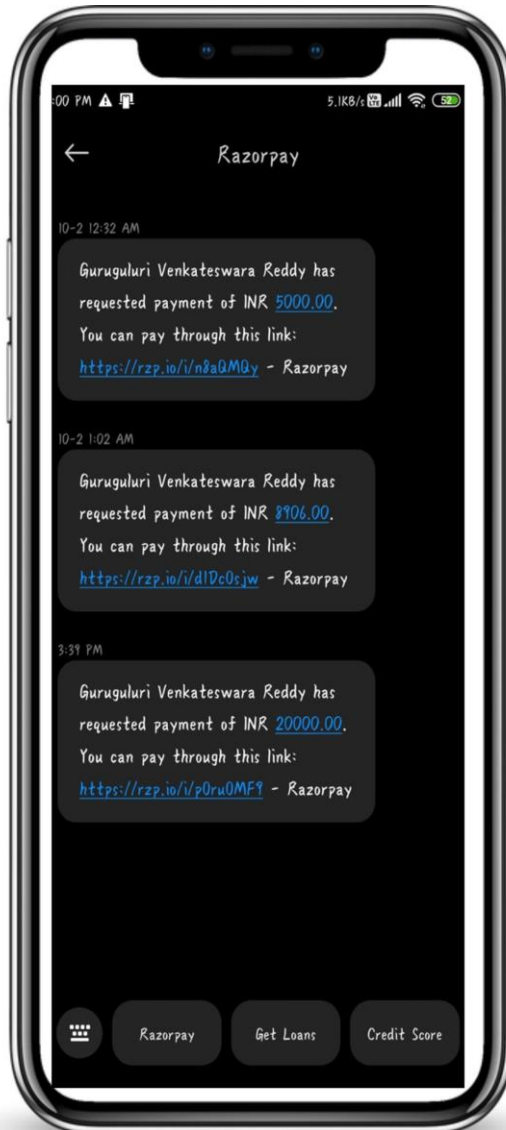
07 SMS NOTIFICATION

✔ **SMS notification** is used for sending the payment request to contributors.

✔ SMS service helps to provide the **transaction information** regarding their contribution towards an essential.

✔ It makes it easy for users by getting notified about such **confidential information**

08 EMAIL NOTIFICATION

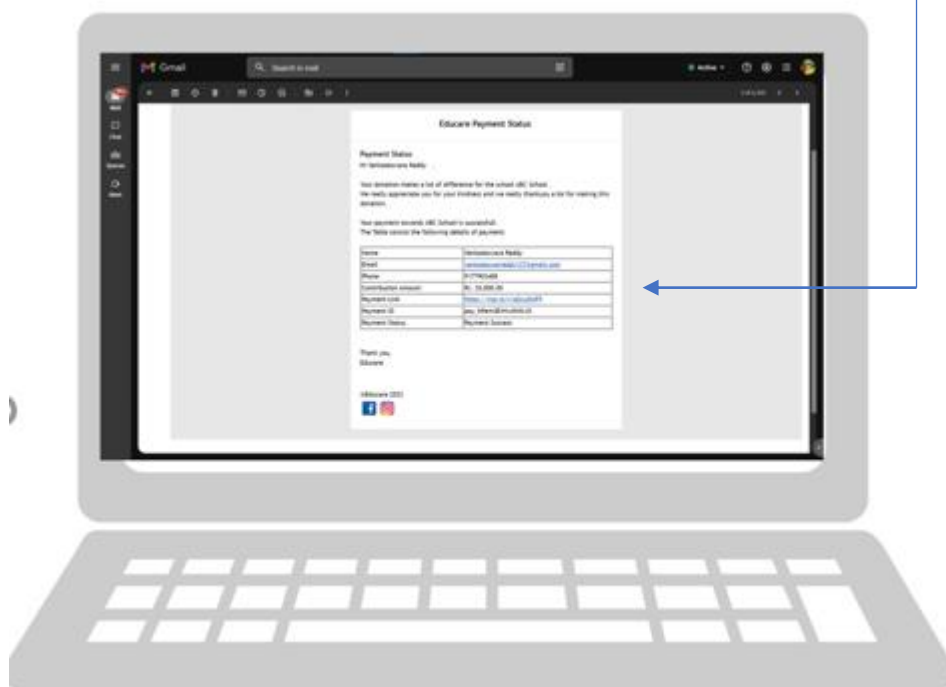✔ Email Notification is used for sending emails throughout the application.

✔ It is used for sending different kinds of requests etc.

✔ It draws more attention, compared to promotional emails or newsletters, since the notifications naturally contain only essential information that influences the user directly.
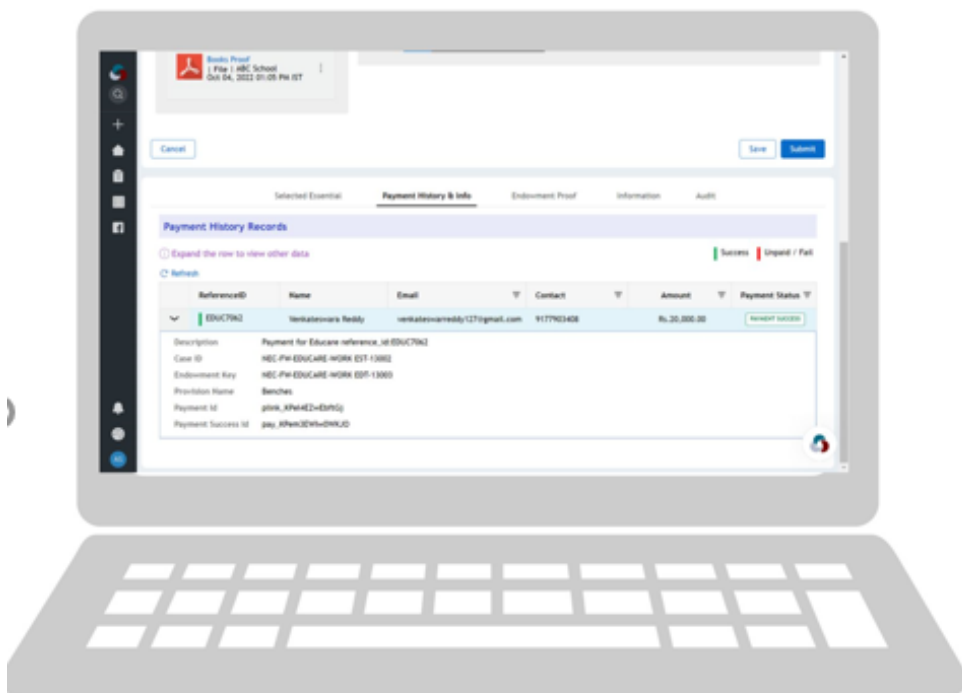
✔ It is fast, accessible, and easily replicated.

09 CASE 360

✔ Case 360 gives an overview of our whole case. It makes it easy for the user to review the case before proceeding further.

✔ It provides a helpful service for the user by decreasing the chance of making mistakes while filling in the details.

✔ It will show all the details of the case in Layout group format in the application.-Used for showing case details, last modification, Attachments, Audit, etc.,

Future Scope

PHASE 1: Q2 – FY 2023
-Taking it on global level and , contributors can have an option to contribute either the needs or amount, For example: if the essentials are benches and chairs(infrastructure) if the contributor is ready to provide the infrastructure, then they can contribute it.

PHASE 2: Q4-FY2023:
Developing Robust Mobile Application

PHASE 3: FY2024
Leveraging Decisioning Hub to predict the donations on the basis of past donations.

PHASE 4: FY 2025
Introducing the blockchain to get high degree of transparency and reduce fraudulent donations

MEET THE TEAM MEMBERS

TEAM INCUBATORS

Venkateswara Reddy
System Architect

Sravani Vishnubhatla
System Architect

Hitesh Malani
Business Architect

Sai Sadhvik Kalakonda
System Architect

Sneha Epari
System Architect

Tejashri Dhainje
QA Team

Thank You!

TEAM INCUBATORS