



# School Management System

Team members :

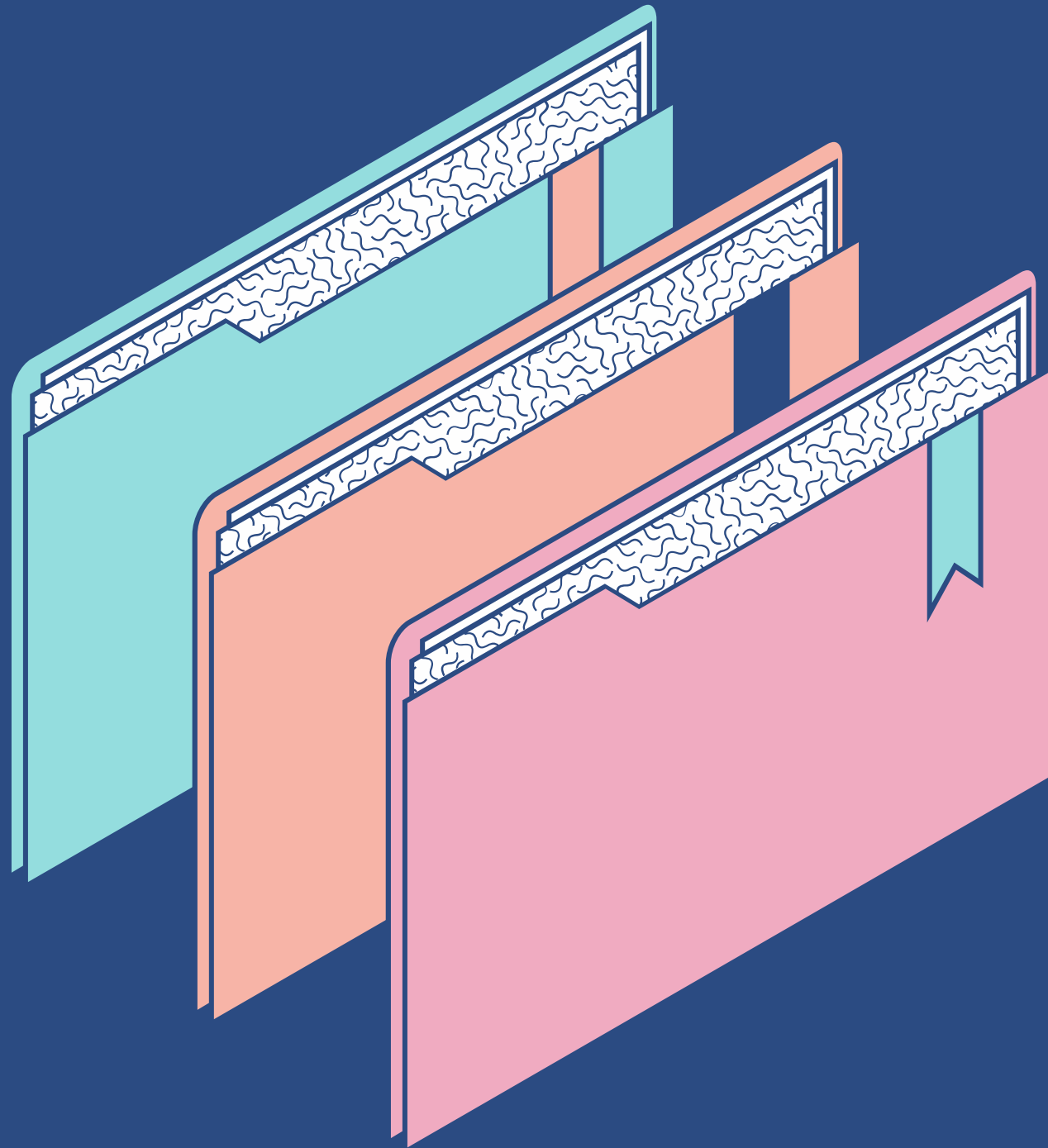
- Anshu Priya
- Sudiksha Mathpal
- Samarth Agrawal

Supervisor : Arjun Rajasekar

# Agenda

## KEY TOPICS DISCUSSED IN THIS PRESENTATION

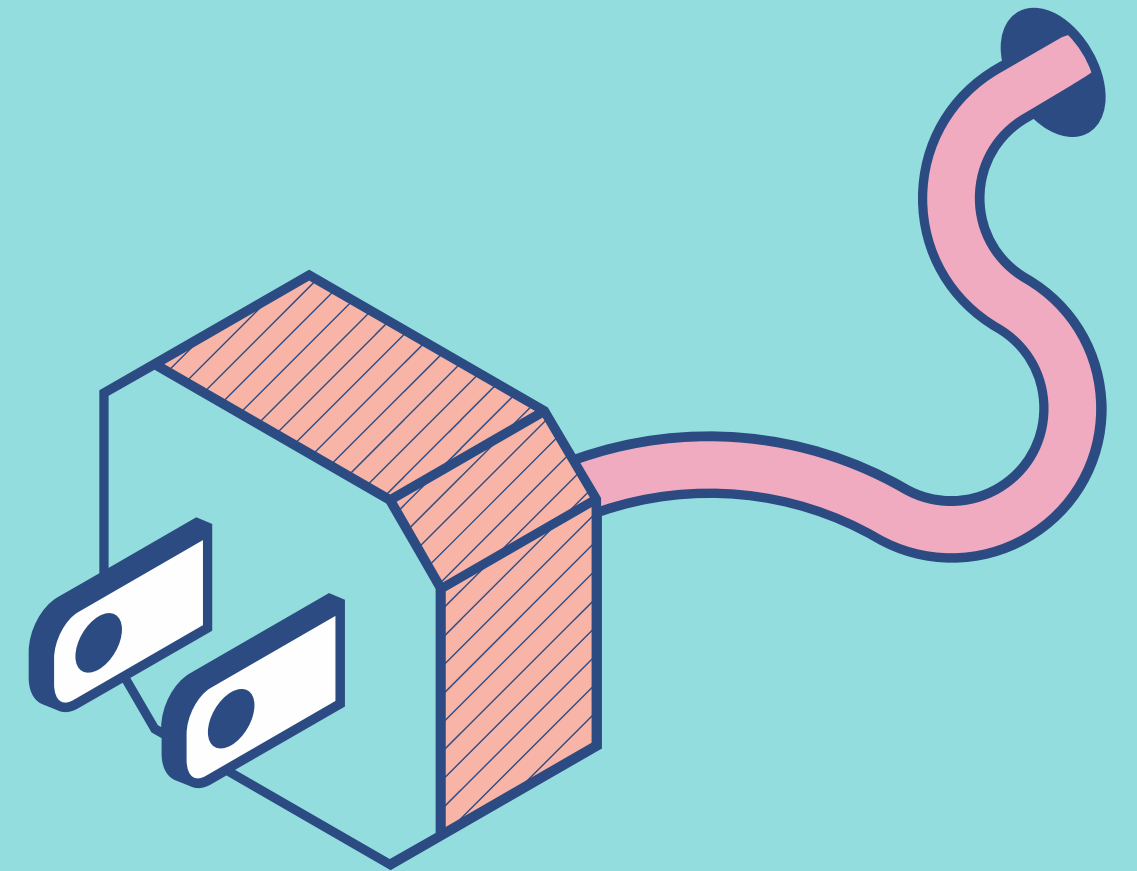
- Introduction to School Management System
- Benefits
- Technical Details
- Tasks Performed
- Feature enhancement



# SELSCA

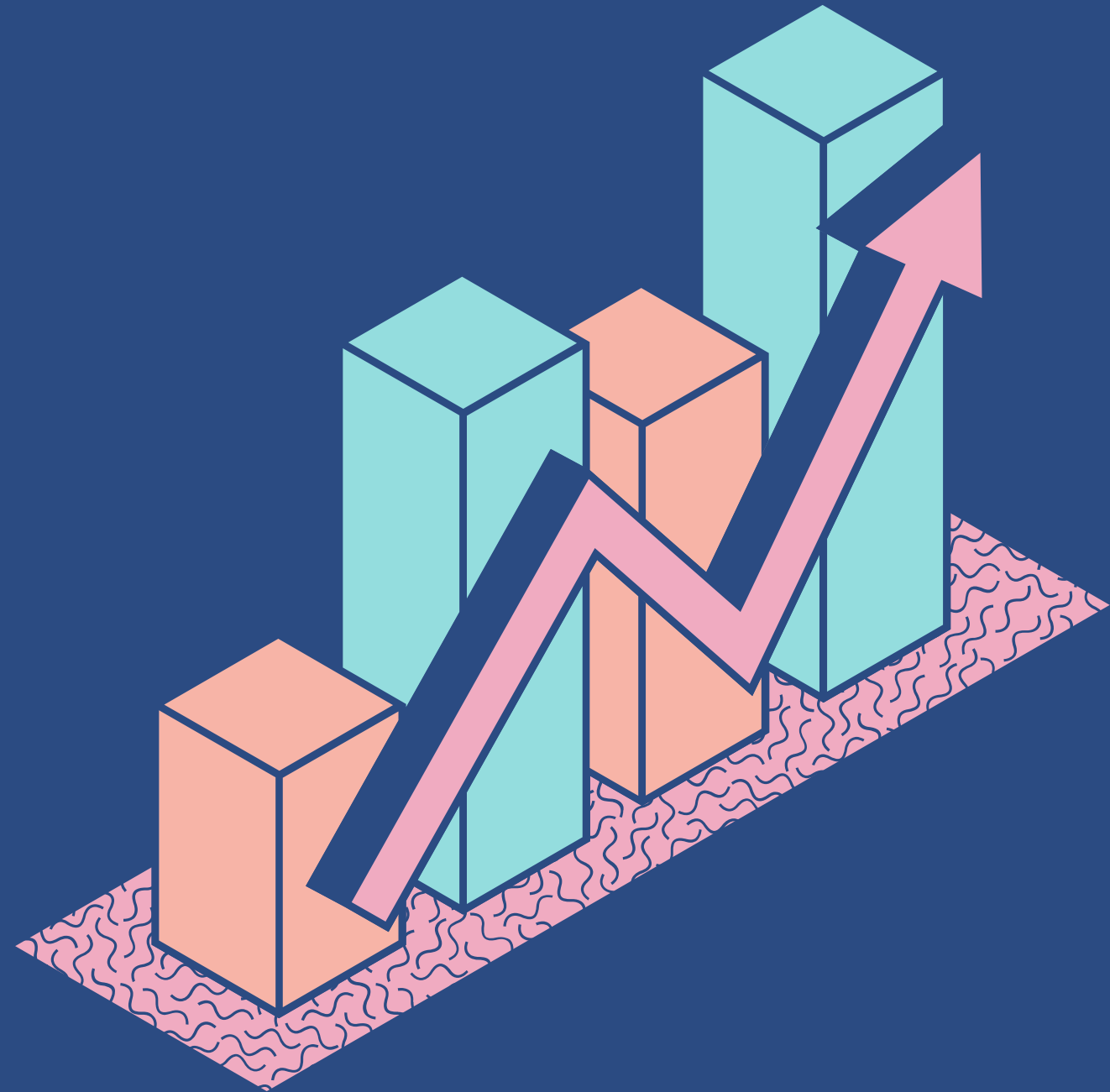
System for Effective Learning and School Complex Administration or SELSCA is a school management system our team has been working on.

Its purpose is to make the management and administration work of rural schools digital and hence more efficient.



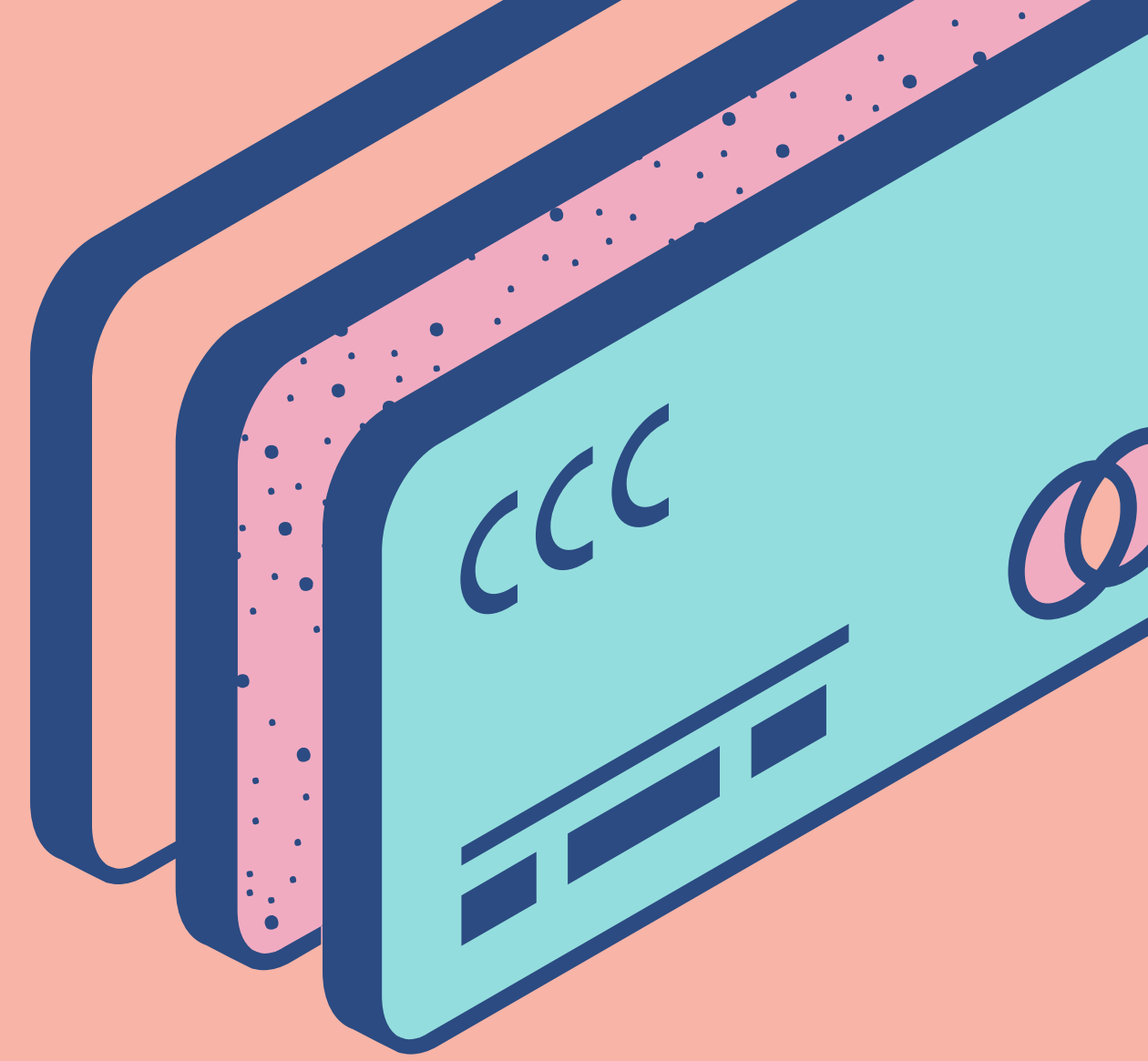
# Benefits of SELSCA

- Centralized Data Management
- Streamlined Communication
- Enhanced Attendance Tracking
- Simplified Grade Management
- Efficient Timetable Management
- Online Assignment Submission and Grading



# Benefits to teachers

HOW IT HELPS TEACHERS  
DO THEIR WORK



## Efficient Data Management

The system allows teachers to easily manage and access student data, including attendance records, grades, and performance metrics.

## Automated Administrative Tasks

It offers automation features, such as generating reports, creating timetables, and scheduling activities.

## Personalized Instruction

With the system, teachers can access student profiles, academic histories, and performance trends. This data empowers teachers to provide instructions to individual students.

# Benefits to Students

HOW IT HELPS  
STUDENTS LEARN

## Easy Access to Information

Students can access important information such as class schedules, exam timetables, assignments, and syllabi through the school management system.

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## Self-Tracking of Progress

Students can monitor their own academic progress, view their grades, and track their attendance through the system.

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## Time Management and Organization

The system's calendar and timetable features help students manage their time effectively, ensuring they are aware of upcoming deadlines, exams, and events.



# Technical Details

- Robust MERN (MongoDB, Express.js, React, and Node.js) stack
- Responsive and intuitive UI built with React for seamless multi-device access.
- Integration of essential modules like student management, curriculum planning, attendance tracking, and online assessments for streamlined school management.
- Data analytics and reporting functionalities for monitoring student progress and performance.
- Real-time communication features for seamless collaboration between teachers, students, and parents.

# Features Added

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2

3

4

## TEST INFORMATION

Added a new component called TestInfo to store all information regarding any test

## CALENDER

Added calender component to keep track of all the events in an organized manner

## SYLLABUS

Helps in keeping Track of Syllabus for academic activities like Tests, Exams

## DROPDOWNS

Created User Specific Drop downs for Admins, Heads, Faculty and Students

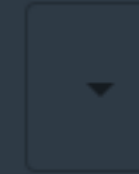


# RAJ REDDY *center for* TECHNOLOGY & SOCIETY



SIGN IN

ROLE :



Email

Password

LOGIN



User Profile



Registration



Exam Dates

Test Info



Basic Information

Name

Email

User Profile

Registration

Exam Dates

t Info

# Registration Portal

Select Role being registered:

Name :

Email :

Password :

SUBMIT



User Profile



Registration



Exam Dates

Test Info

Test Information

Test Name:

▼

Class:

Class

Subject:

▼

Date:

Date

dd-mm-yyyy



Max Score:

Max Score

Syllabus:

Syllabus

Grades Due Date:

Grades Due Date

dd-mm-yyyy



SUBMIT





**Thank you**