



# 50+ High School's KPIs on a dashboard

## Summarizing Situation

The client is US-based, one of the leading high schools having 50+ schools across the US. They have been using Zoho subscription, Zoho CRM, Zero accounting, and LMS systems to manage and get all the details about school's functioning.

The client was getting islands of information from these different systems. When it comes to drawing KPIs or taking any decision, they have to access multiple systems, exporting files from there and then working with the multiple exported files to draw insights to evaluate KPIs and make any decision.

## Impact on the Business

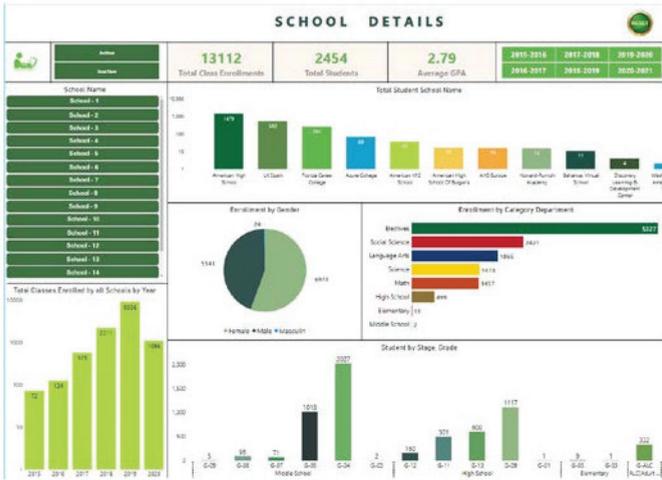
Information is scattered and dependency on multiple software, because of this the school management was having a huge dependency on people working with these systems on day to day basis. As a result:

- For getting insight to take the evidence-based decision, the school staff had to export multiple files from a different system, collate and create information with those files. The problem was that despite all this, all datapoints important for a decision were not visible in one single view and they were unable to compare factors in real-time
- No visibility on how schools, courses, teachers, students are performing
- Starting new campus, withdraw course from the school, hiring teacher and staff decisions are gut-based and requirement-based not data-driven based

## Resolution

The requirement was to have a dashboard to know everything about all the schools. Softude involved their Open Source expert in utilizing the data to draw meaningful insight for quick and easy decision making. After understanding the existing systems, experts created a bridge that ensures the connectivity of all the systems 24/7. Experts had developed custom APIs and used a few existing systems' APIs, shared by the client, to gather and prepare the required data for generating graphs. They have used the Laravel framework for the project, and with the integration of Google graphs, C3 and D3 charts created desired views in the form of various reports, analyses, and KPIs.

These reports and analysis include students record by school, Performance of School by courses, students and other parameters, number of courses offered by the school and enrolled students for the specific course, Class schedules, Teacher and student attendance, Students fees status, Students grade book, Course content and student, active and inactive students, contact records, and many more:



### STUDENT DETAILS

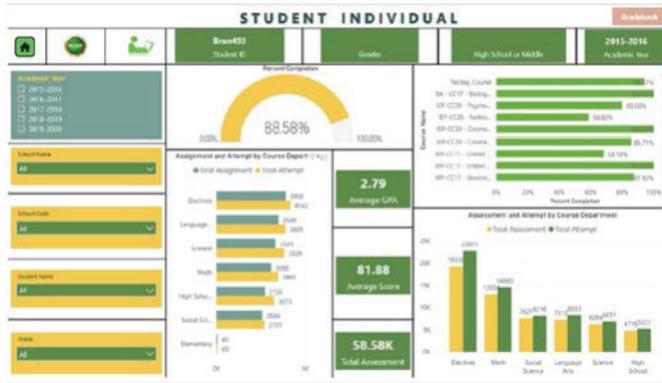
**13112** Enrollment | **2454** Students | **2.79** Average GPA

2015-2016 | 2017-2018 | 2019-2020  
2016-2017 | 2018-2019 | 2020-2021

School Name	Enrollment	Students	Average GPA
School 1	13112	2454	2.79
School 2			
School 3			
School 4			
School 5			
School 6			
School 7			
School 8			
School 9			
School 10			
School 11			
School 12			
School 13			
School 14			
School 15			
School 16			

Student Name	Course Department	Course Name	Enrollment
Student 1	Math	Math 1	1920
Student 2	Math	Math 2	1927
Student 3	Science	Science 1	1423
Student 4	Math	Math 3	1337
Student 5	Math	Math 4	1112
Student 6	Science	Science 2	1026
Student 7	Math	Math 5	1029
Student 8	Math	Math 6	1029
Student 9	Math	Math 7	1029
Student 10	Math	Math 8	1029
Student 11	Math	Math 9	1029
Student 12	Math	Math 10	1029
Student 13	Math	Math 11	1029
Student 14	Math	Math 12	1029
Student 15	Math	Math 13	1029
Student 16	Math	Math 14	1029

Student Name	Enrollment	Course Name	Enrollment
Student 1	13112	Math 1	1920
Student 2	13112	Math 2	1927
Student 3	13112	Science 1	1423
Student 4	13112	Math 3	1337
Student 5	13112	Math 4	1112
Student 6	13112	Science 2	1026
Student 7	13112	Math 5	1029
Student 8	13112	Math 6	1029
Student 9	13112	Math 7	1029
Student 10	13112	Math 8	1029
Student 11	13112	Math 9	1029
Student 12	13112	Math 10	1029
Student 13	13112	Math 11	1029
Student 14	13112	Math 12	1029
Student 15	13112	Math 13	1029
Student 16	13112	Math 14	1029



### Teacher Details

**380** Total Courses | **2059** Total Students | **185333-55-48** Total Duration (in Hrs) | **(Blank)** Teacher Name

School Name	Teacher Name	Course Name	Enrollment	Duration
School 1	Teacher 1	Math 1	1920	1920
School 1	Teacher 2	Math 2	1927	1927
School 1	Teacher 3	Science 1	1423	1423
School 1	Teacher 4	Math 3	1337	1337
School 1	Teacher 5	Math 4	1112	1112
School 1	Teacher 6	Science 2	1026	1026
School 1	Teacher 7	Math 5	1029	1029
School 1	Teacher 8	Math 6	1029	1029
School 1	Teacher 9	Math 7	1029	1029
School 1	Teacher 10	Math 8	1029	1029
School 1	Teacher 11	Math 9	1029	1029
School 1	Teacher 12	Math 10	1029	1029
School 1	Teacher 13	Math 11	1029	1029
School 1	Teacher 14	Math 12	1029	1029
School 1	Teacher 15	Math 13	1029	1029
School 1	Teacher 16	Math 14	1029	1029

### COURSE ASSIGNMENT

**2.79** Average GPA

Course Name	Marks Obtained	Total Marks	Letter Grade	Percentage
010719002-469-Unit 1 Lesson 2: "Writing a Summary" Assignment	0.00	10.00	F	0.00%
010719002-462-Unit 2 Lesson 4: "Reviving an Autobiographical Narrative" Assignment	0.00	10.00	F	0.00%
210619001-4503-Unit 1 Overview Sharing our Stories Assignment	0.00	10.00	F	0.00%
Unit 1 Lesson 1: "Setting a Purpose for Reading" Assignment	0.00	10.00	F	0.00%
Unit 1 Lesson 4: "Reviving a Summary" Assignment	0.00	10.00	F	0.00%
Unit 2 Lesson 1: "Activating Prior Knowledge" Assignment	0.00	10.00	F	0.00%
Unit 2 Lesson 2: "Writing an Autobiographical Narrative" Assignment	0.00	10.00	F	0.00%
Unit 3 Lesson 1: "Drawing Conclusions" Assignment	0.00	10.00	F	0.00%
Unit 3 Lesson 2: "Writing a Short Fictional Story" Assignment	0.00	10.00	F	0.00%
Unit 3 Lesson 4: "Reviving a Short Fictional Story" Assignment	0.00	10.00	F	0.00%
010819001-634-Unit 1 Lesson 7 Apply: Representative Behavior of 4-6ths	0.00	15.00	F	0.00%
020719001-3248-Unit 1, Lesson 4: "The People Could Fly" Assignment	0.00	13.00	F	0.00%
020719001-3249-Unit 1, Lesson 3: Comparing Literature (Ben Sawyer / Ben Work)	0.00	15.00	F	0.00%
020719001-3242-Unit 2, Lesson 2: "The Left-Hand Heart" Assignment	0.00	15.00	F	0.00%
120719001-5175-Unit 5, Lesson 2: "Flowers for	0.00	15.00	F	0.00%

### Course Department

**13K** Total Number of Students Enrolled | **1021** Total Number of Failing Students | **641** Total Number of Courses

Course Department	Course Name	Enrollment	Percentage
Language Arts	Language Arts 1	1920	86.1%
Language Arts	Language Arts 2	1927	87.1%
Language Arts	Language Arts 3	1423	87.1%
Language Arts	Language Arts 4	1337	87.1%
Language Arts	Language Arts 5	1112	87.1%
Language Arts	Language Arts 6	1026	87.1%
Language Arts	Language Arts 7	1029	87.1%
Language Arts	Language Arts 8	1029	87.1%
Language Arts	Language Arts 9	1029	87.1%
Language Arts	Language Arts 10	1029	87.1%
Language Arts	Language Arts 11	1029	87.1%
Language Arts	Language Arts 12	1029	87.1%
Language Arts	Language Arts 13	1029	87.1%
Language Arts	Language Arts 14	1029	87.1%
Language Arts	Language Arts 15	1029	87.1%
Language Arts	Language Arts 16	1029	87.1%
Language Arts	Language Arts 17	1029	87.1%
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Language Arts	Language Arts 38	1029	87.1%
Language Arts	Language Arts 39	1029	87.1%
Language Arts	Language Arts 40	1029	87.1%
Language Arts	Language Arts 41	1029	87.1%
Language Arts	Language Arts 42	1029	87.1%
Language Arts	Language Arts 43	1029	87.1%
Language Arts	Language Arts 44	1029	87.1%
Language Arts	Language Arts 45	1029	87.1%
Language Arts	Language Arts 46	1029	87.1%
Language Arts	Language Arts 47	1029	87.1%
Language Arts	Language Arts 48	1029	87.1%
Language Arts	Language Arts 49	1029	87.1%
Language Arts	Language Arts 50	1029	87.1%
Language Arts	Language Arts 51	1029	87.1%
Language Arts	Language Arts 52	1029	87.1%
Language Arts	Language Arts 53	1029	87.1%
Language Arts	Language Arts 54	1029	87.1%
Language Arts	Language Arts 55	1029	87.1%
Language Arts	Language Arts 56	1029	87.1%
Language Arts	Language Arts 57	1029	87.1%
Language Arts	Language Arts 58	1029	87.1%
Language Arts	Language Arts 59	1029	87.1%
Language Arts	Language Arts 60	1029	87.1%
Language Arts	Language Arts 61	1029	87.1%
Language Arts	Language Arts 62	1029	87.1%
Language Arts	Language Arts 63	1029	87.1%
Language Arts	Language Arts 64	1029	87.1%
Language Arts	Language Arts 65	1029	87.1%
Language Arts	Language Arts 66	1029	87.1%
Language Arts	Language Arts 67	1029	87.1%
Language Arts	Language Arts 68	1029	87.1%
Language Arts	Language Arts 69	1029	87.1%
Language Arts	Language Arts 70	1029	87.1%
Language Arts	Language Arts 71	1029	87.1%
Language Arts	Language Arts 72	1029	87.1%
Language Arts	Language Arts 73	1029	87.1%
Language Arts	Language Arts 74	1029	87.1%
Language Arts	Language Arts 75	1029	87.1%
Language Arts	Language Arts 76	1029	87.1%
Language Arts	Language Arts 77	1029	87.1%
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Language Arts	Language Arts 83	1029	87.1%
Language Arts	Language Arts 84	1029	87.1%
Language Arts	Language Arts 85	1029	87.1%
Language Arts	Language Arts 86	1029	87.1%
Language Arts	Language Arts 87	1029	87.1%
Language Arts	Language Arts 88	1029	87.1%
Language Arts	Language Arts 89	1029	87.1%
Language Arts	Language Arts 90	1029	87.1%
Language Arts	Language Arts 91	1029	87.1%
Language Arts	Language Arts 92	1029	87.1%
Language Arts	Language Arts 93	1029	87.1%
Language Arts	Language Arts 94	1029	87.1%
Language Arts	Language Arts 95	1029	87.1%
Language Arts	Language Arts 96	1029	87.1%
Language Arts	Language Arts 97	1029	87.1%
Language Arts	Language Arts 98	1029	87.1%
Language Arts	Language Arts 99	1029	87.1%
Language Arts	Language Arts 100	1029	87.1%

## Impact of Resolution

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360-degree visibility to the client to know each and everything about schools in a single click, anytime, anywhere. There is no staff deputed by the school management to analyze the data, post solution deployment. Other impacts are as below

- 100% automated KPIs and reports
- 79% YOY growth in revenue through contextual and location-based marketing strategies
- Evidence-based decision making

## About Us

Softude is a global IT consulting and services company with expertise in architecting digital transformation solutions and providing software product engineering services. Softude is dedicated to creating innovative and interactive digital experiences that connect people to the brand. These software solutions that are used across 30+ countries are engaging audiences in-venue, on the web, and personal mobile devices. With a highly competent and trusted team of 425+ members, Softude delivers digital brilliance that accelerates the digital-first journey of brands.

Softude is a CMMI Level 5 appraised, ISO 27001:2013, ISO 9000:2015 and a Great Place to Work For certified company.

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