LYCÉE

LYCÉE
CYBER ACADEME

Lycee Mission

"21st CENTURY requires the redefining of education methodology; the brick and mortar infrastructure of the past must give way to the technology enriched infrastructure in the future, learning must be from any place and on any device"

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TECH AVANT-GARDE

Solution Overview
Managing education with cutting-edge technologies

In response to the unique administrative and operational challenges facing the education industry Lycee Corporation has created a holistic solution. Lycee is a comprehensive Educational Institution Management System, which is offered to clients with 'mylycee.com', a collaborative portal that extends the capabilities of the solution to the external community.

Lycee
Covers the entire gamut of education-related activities, such as fee processing, payroll management, student reports and performance reviews, inventory, library management and more. Lycee also facilitates effective communication between students, parents and other educational institutions in the community.

myLycee.com
The accompanying collaborative portal solution, mylycee.com is the channel through which information stored inside an educational institution can be easily made available to external entities, such as parents – any time, any place and on any device.

The Challenge
After looking at the utilization of next-generation technologies, Lycee Corporation quickly realized that educational institutions had been largely overlooked in the enterprise applications scenario, despite the fact they have, on average, about 2000 students, 4000 parents, 200 staff members and a large number of support staff. The administration of such a body is a unique and challenging task requiring concerted, continual effort. Prior to Lycee, the wheel had to be reinvented daily as records were entered and updated and progress tracked, reported and logged. This Herculean task was also beset with dangers and time-consuming pitfalls, including erroneous data collection, inefficient data processing, labour-intensive administration and delays, restricted access to data and a general lack of integration across enrolment, accounting, and resource utilization.

Despite this obvious market need, prior to Lycee, most of the software solutions available to the local education industry suffered from a common ailment – they were unable to maximize productivity because they tackled only selected pain areas rather than providing a holistic, end-to-end solution.

Tech Avant-Garde
Lycee -Help Desk & Contact Center
Company Profile

Tech Avant-Garde (TAG) is managed ISV of Microsoft, and its expertise is in providing services to **Software Product Vertical**, TAG offers three types of Services

– Help Desk support
– Software Development and life cycle management
– Sales and marketing

TAG has adopted a holistic approach towards support and problem solving of product software. We have developed an APP called `TAG.in` button. If the user downloads this button, they will be connected to our help desk perpetually. The moment they face any problem, they can click the button to get connected to our support executive, for problem solving. i.e. they could have a chat session, or a voice call or video call or a desk top sharing session.

This `TAG.in` button is bundled with Lycee, and we support Lycee customers worldwide.

Solution Contact Information

1st floor, Casa Birgitta, 10 Brunton Road, Bangalore 560025

Company Telephone: +91-8139999211

Company email: 121tag@t-a-g.in

Microsoft *Office*

BUSINESS VALUE
Solution Framework

For total convenience, institutions can opt to implement Lycee one module at a time. The Information Management module is the base module of Lycee. It forms the repository for the entire data of the educational institution.

The 12 modules of Lycee are:

- Marks Card
- Information Management
- Teacher Monitoring
- Admission System
- Financial Accounting
- Fees Module

- Student Monitoring
- Question paper
- Time Table
- Library Management
- Payroll System
- Inventory System

'www.mylycee.com' offers a consolidated view of the student's performance and effectively communicates the teacher's remark to the parent.

It also features a secure payment gateway connected through a BizTalk Server, which enables parents to make secure payments online.

Business Value Proposition

Lycee is a highly customizable product. It is a modular solution that enables the customer to pick and choose the modules as per their individual requirements. Lycee can also be deployed in any educational institution irrespective of the area in which it operates.

A Lycee-enabled educational institution is able to maintain all records on students, teachers and other data in easily-retrievable formats and via any device. As a result, the day-to-day operations of the institution become dramatically more efficient post-implementation.

This efficiency can be calculated in terms of timesavings on routine activities, which naturally has a direct impact on cost-efficiency.

TECHNICAL VALUE
Solution Features and Architecture

Lycee is developed on the Microsoft .NET platform. It enables a high level of software integration through the use of Open Internet Communication Protocols (XML/HTTP/ SOAP), as well as the development of richer multi - channel delivery interfaces using:

- Speech .NET (SALT),

On the client side, Microsoft® .NET has proven to be a rich, highly productive choice and also features interfaces for voice recognition, scanners, mobile phones and Tablet PCs.

The backend infrastructure of mylycee.com consists of Commerce Server, BizTalk Server, CMS, Exchange Server, SQL Server, Application Center Server and ISA Server.

Solution Description

Lycee was developed on a client-server architecture, and is exclusively based on Microsoft® .NET to leverage the rich functionality and performance benefits offered by Windows Forms, ASP.NET, Web Services and the natural interfaces of speech and handwriting recognition of the Tablet PC. Lycee enabled on Azure the Microsoft Cloud

- Assignments are transferred between the mentor and the student in Word format
- Lycee Data can be interfaced with Excel for data retrieval in that format
- Teachers can upload lesson plans on the content management server using PowerPoint format
- The existing data of an educational institution on Office can be absorbed and used by Lycee
- Interpath provides a powerful tool to enhance the features of Lyceum

Solution Benifites

- Effective front office management
- Intimation on any device
- Connects educational institutions on an extranet
- Data mining capabilities
- Ease of data entry and retrieval on any device
- Convenient payment of fees
- Frequent monitoring of the child's performance by the parent
- Easy access to learning resources from any place
- A device to substitute text books and note books
- Commerce across geographic locations
- Anytime access to mentors by students
- Skills evaluation at the convenience of the student
- Education not restricted to the four walls of a class room
- Unified, streamlined operations
- Easy, progressive parent-teacher communications