

Scholarship and Award Evaluation System

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1. Background

With the advancement of educational informatization in universities, there is an urgent need to enhance the precision, standardization, and scientific management of non-academic awards and recognitions. Previously, the management of non-academic awards relied heavily on paper forms, general-purpose survey tools (e.g., Wenjuanxing), and manual operations. This approach could no longer meet the demands arising from larger student populations, fragmented data silos, and the need for improved management efficiency.

To address this, a Scholarship, Award, and Recognition System was developed to integrate applications, reviews, data management, and analytics. The system aims to break down information barriers, optimize workflows, enhance management effectiveness, and better serve student development.

In the prior workflow, students repeatedly filled out personal information, academic records, social practice, and award histories for different awards. Reviewers had to sift through large amounts of paper or switch among multiple electronic documents, making information access and comparison difficult. Verifying the accuracy of students' submissions required cross-departmental checks, resulting in a complex process with high communication costs. Low data standardization hindered aggregation and comparative analysis, and the review process lacked proper traceability. Valuable data from applications and awards was often locked in paper archives or dispersed electronic files, forming "data graveyards."

2. Solutions

1. Student Application Portal:

- **Single Sign-On & Data Synchronization:** Integrated with the university's unified identity authentication system, allowing students to access the portal with one login. Key information is automatically synchronized from the comprehensive quality platform, with students only needing to supplement award-specific materials.

- Intelligent Form Filling: Student basic information is auto-populated, and required fields dynamically adjust according to the type of award, greatly simplifying the application process.

2.Intelligent College/University-Level Review Platform:

- Online Review & Batch Operations: Reviewers can examine electronic applications online. The system supports review group functionality, batch approvals, and the addition of review comments.
- Automatic Eligibility Pre-Screening: Based on award criteria (e.g., fitness test scores, volunteer hours), the system automatically filters ineligible students, reducing manual preliminary review workload.
- Workflow-Driven Status Tracking: Application, departmental review, and public announcement steps follow preset online workflows, with students and staff able to track progress in real-time.

3.Integrated Database:

A centralized university award database was established, structurally storing all historical award information, including student details, award category, level, date, and review comments.

3. Outcomes and Benefits

- **Time Efficiency:** The system significantly shortens the award process from announcement to result publication.
- **Reduced Labor Costs:** Staff spend less time on material collection, formal checks, data entry, and summary statistics, allowing more focus on substantive guidance and review.
- **Enhanced Accuracy:** Automatic data synchronization eliminates manual input errors, ensuring the accuracy of application materials and reducing statistical mistakes.

Standardized application formats, automated eligibility checks, and traceable online review processes minimize human error, enhance transparency and credibility, and increase student satisfaction. The centralized award database is a valuable digital asset, supporting student recruitment, showcasing exemplary students, and linking with career guidance to directly benefit further education and employment, empowering long-term student development.

Overall, the system is not just a technical upgrade but a redesign of business processes and management models, exemplifying a two-tier review structure from college to university level and reflecting a student-centered service philosophy and digital governance capability.

4. Next Steps

Develop multidimensional reporting dashboards to support statistics and analyses by college, major, award type, and year. Generate various reports and visualizations (bar charts, pie charts, trend graphs) with one click. Annual comparisons, trend analyses, and student growth profiles based on the award database will reveal student development patterns and differences in talent cultivation across departments, providing precise data support for adjusting award settings, optimizing evaluation criteria, and formulating more scientific talent development policies.