

XJTLU Undergraduate Comprehensive Quality Assessment System

Qian Yang

Student Affairs Office

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1. Background

To cultivate globally competitive students with international perspectives, support student growth profiling, and provide data-driven decision support, XJTLU initiated the Undergraduate Comprehensive Quality Assessment (CQA). Initially combined with awards and recognition collection via Wenjuanxing, manual Excel operations were inefficient and error-prone. Data silos and high communication costs hindered comprehensive, dynamic reflection of student growth.

To independently conduct the CQA efficiently, XJTLU developed a dedicated low-code-based CQA system.

2. Solutions

Unified Information and Guidance Management: The front-end menu centralizes operation guides and manuals for students and staff, providing clear instructions and process steps, reducing errors due to misunderstanding.

Strict Role-Based Access Control: The system assigns differential permissions by role, ensuring clear operational boundaries and data security.

- **Students:** View only personal yearly comprehensive scores, independent entry points per year, supplement supporting materials, and track review status and reasons for return.
- **Data Initiators (Staff):** Import data and submit for review within the designated timeframe, view progress, and follow clear workflow nodes without repeated communication.
- **Reviewers:** Receive automated email reminders, review and process all assigned modules, support batch and single approvals.
- **OneStop Admin:** Monitor all process data with full administrative control.

Redefined “Score Groups”: Modules are reorganized into scoring groups with designated data initiators and reviewers, reducing data mix-ups and misaligned uploads, clarifying entry points, review boundaries, and permissions.

Automated and Accurate Score Calculation: Standardized scoring rules and itemized scoring tables allow automatic calculation of scores from both imported staff data and student-submitted supplementary materials. Outputs include individual item scores, project cumulative scores, and annual totals, all transparently displayed to students.

3. Outcomes and Benefits

- **Process Standardization:** Unified evaluation metrics and workflows ensure fairness, consistency, and efficiency.
- **Ease of Use:** Reduces administrative and student workload, centralizes non-academic performance review, tracks progress, and minimizes anxiety and ineffective communication.
- **Data Visualization:** Dynamic, intuitive reports support student growth profiling and decision-making.
- **Educational Guidance:** Promotes comprehensive development, with assessment data serving as a tool for student guidance, career planning, and archival purposes.

4. Next Steps

The system's functionality is largely complete, requiring only minor annual adjustments and optimization. Future improvements include integration with other systems (e.g., fitness data, club participation) to reduce manual uploads, and dashboards for visualizing comparative and trend data to enhance analysis and policy formulation, fulfilling the role of a student "growth navigator."